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UNIVERSITY OF BIRMINGHAM

Faculty of Business & Economics
School of Management & Economics

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1. Explain the relationship between the two variables.
2. Use the data to estimate the parameters of the model.
3. Explain the meaning of the coefficients.
4. Plot the regression line.
5. Calculate the coefficient of determination.
6. Plot the residuals.
7. Check the assumptions of the model.
8. Calculate the standard error of the estimate.
9. Explain the meaning of the standard error of the estimate.
10. Calculate the confidence interval for the parameters.

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References

2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 2681, 2682, 2683, 2684, 2685, 26

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— *John A. Williams*

1. Give a full description of the data.
2. Write down the formulae for the mean and standard deviation.
3. Give the first four moments of the distribution.
4. Obtain the moments of the distribution from the frequency table.
5. Obtain the moments of the distribution from the frequency table.
6. Obtain the moments of the distribution from the frequency table.
7. Obtain the moments of the distribution from the frequency table.
8. Obtain the moments of the distribution from the frequency table.
9. Obtain the moments of the distribution from the frequency table.
10. Obtain the moments of the distribution from the frequency table.

Black, dengue, and Zika surveillance

Abstract

- [illegible]



FACULTY OF PHARMACY

Pharm 3 (2022) - 1st Paper (4 hours) - 15 questions - August 2022

Answer all questions

Time: 4 hours

Examiners: 14

Page 1 of 2

Write answer 28 for question

(20 marks)

1. Which of the following is a **primary** source of information?
2. Which of the following is a **secondary** source of information?
3. Which of the following is a **tertiary** source of information?
4. Which of the following is a **quaternary** source of information?
5. Which of the following is a **quinary** source of information?
6. Which of the following is a **senary** source of information?
7. Which of the following is a **septenary** source of information?
8. Which of the following is a **octenary** source of information?
9. Which of the following is a **nonary** source of information?
10. Which of the following is a **decenary** source of information?

Page 2 of 2

Write answer 29 for question

(20 marks)

1. Which of the following is a **primary** source of information?
2. Which of the following is a **secondary** source of information?
3. Which of the following is a **tertiary** source of information?
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8. Which of the following is a **octenary** source of information?
9. Which of the following is a **nonary** source of information?
10. Which of the following is a **decenary** source of information?



UNIVERSITY OF THE PACIFIC
Faculty of Pharmacy
Pharmaceutical Sciences Department
Pharmaceutical Chemistry

Page 2 of 2

Page 2 of 2

Write down all 10 questions

EST-6

EST-6

1. Explain the difference between the two types of drugs.
2. Explain the difference between the two types of drugs.
3. Explain the difference between the two types of drugs.
4. Explain the difference between the two types of drugs.
5. Explain the difference between the two types of drugs.
6. Explain the difference between the two types of drugs.
7. Explain the difference between the two types of drugs.
8. Explain the difference between the two types of drugs.
9. Explain the difference between the two types of drugs.
10. Explain the difference between the two types of drugs.

Write down all 10 questions

EST-6

EST-6

1. Explain the difference between the two types of drugs.
2. Explain the difference between the two types of drugs.
3. Explain the difference between the two types of drugs.
4. Explain the difference between the two types of drugs.
5. Explain the difference between the two types of drugs.
6. Explain the difference between the two types of drugs.
7. Explain the difference between the two types of drugs.
8. Explain the difference between the two types of drugs.
9. Explain the difference between the two types of drugs.
10. Explain the difference between the two types of drugs.



FACULTY OF EDUCATION

Module: **EDUC 3011 - The Multicultural Curriculum**

Subject: **The Multicultural Curriculum**

Test 4 (Short)

Maximum: 75

Time: 45 minutes

Page: 4

Student Name: _____

1. Which of the following is NOT a characteristic of a multicultural curriculum?
2. Which of the following is NOT a characteristic of a multicultural curriculum?
3. Which of the following is NOT a characteristic of a multicultural curriculum?
4. Which of the following is NOT a characteristic of a multicultural curriculum?
5. Which of the following is NOT a characteristic of a multicultural curriculum?
6. Which of the following is NOT a characteristic of a multicultural curriculum?
7. Which of the following is NOT a characteristic of a multicultural curriculum?
8. Which of the following is NOT a characteristic of a multicultural curriculum?
9. Which of the following is NOT a characteristic of a multicultural curriculum?
10. Which of the following is NOT a characteristic of a multicultural curriculum?

Time: 45 minutes

Student Name: _____

1. Which of the following is NOT a characteristic of a multicultural curriculum?
2. Which of the following is NOT a characteristic of a multicultural curriculum?
3. Which of the following is NOT a characteristic of a multicultural curriculum?
4. Which of the following is NOT a characteristic of a multicultural curriculum?
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9. Which of the following is NOT a characteristic of a multicultural curriculum?
10. Which of the following is NOT a characteristic of a multicultural curriculum?

SCHOOL OF PHARMACY

Pharmaceutical Sciences Department

Pharmaceutical Chemistry

Pharmaceutical Chemistry

Pharmaceutical Chemistry

Pharmaceutical Chemistry

Pharmaceutical Chemistry

Pharmaceutical Chemistry

1. Identify the following compounds
2. Identify the following compounds
3. Identify the following compounds
4. Identify the following compounds
5. Identify the following compounds
6. Identify the following compounds
7. Identify the following compounds
8. Identify the following compounds
9. Identify the following compounds
10. Identify the following compounds

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Pharmaceutical Chemistry

Pharmaceutical Chemistry

1. Identify the following compounds
2. Identify the following compounds
3. Identify the following compounds
4. Identify the following compounds
5. Identify the following compounds
6. Identify the following compounds
7. Identify the following compounds
8. Identify the following compounds
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10. Identify the following compounds

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Ministry of Health and Family Welfare, Government of India
Public Health Service of India

Date: 14/11/2023

To: Director

From: Director

Subject: Public Health Service

No. 100

Date: 14/11/2023

1. The Public Health Service of India is a branch of the Public Health Service of India.
2. The Public Health Service of India is a branch of the Public Health Service of India.
3. The Public Health Service of India is a branch of the Public Health Service of India.
4. The Public Health Service of India is a branch of the Public Health Service of India.
5. The Public Health Service of India is a branch of the Public Health Service of India.
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9. The Public Health Service of India is a branch of the Public Health Service of India.
10. The Public Health Service of India is a branch of the Public Health Service of India.

Subject: Public Health Service

Date: 14/11/2023

1. The Public Health Service of India is a branch of the Public Health Service of India.
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8. The Public Health Service of India is a branch of the Public Health Service of India.
9. The Public Health Service of India is a branch of the Public Health Service of India.
10. The Public Health Service of India is a branch of the Public Health Service of India.



Date: 16/11/2022

SCHOOL OF BUSINESS

Page 22 of 22 **Unit 10: Marketing Management** **Page 22 of 22**

Topic: Marketing

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1. The marketing mix is composed of:
2. The product is the core of the marketing mix.
3. The price is the second element of the marketing mix.
4. The place is the third element of the marketing mix.
5. The promotion is the fourth element of the marketing mix.
6. The people are the fifth element of the marketing mix.
7. The process is the sixth element of the marketing mix.
8. The physical environment is the seventh element of the marketing mix.
9. The political and legal environment is the eighth element of the marketing mix.
10. The socio-cultural environment is the ninth element of the marketing mix.
11. The technological environment is the tenth element of the marketing mix.
12. The marketing mix is a set of interrelated marketing decisions that a company makes to achieve its marketing objectives.
13. The marketing mix is a set of interrelated marketing decisions that a company makes to achieve its marketing objectives.
14. The marketing mix is a set of interrelated marketing decisions that a company makes to achieve its marketing objectives.
15. The marketing mix is a set of interrelated marketing decisions that a company makes to achieve its marketing objectives.

Page 22 of 22

Page 22 of 22

1. The marketing mix is a set of interrelated marketing decisions that a company makes to achieve its marketing objectives.
2. The marketing mix is a set of interrelated marketing decisions that a company makes to achieve its marketing objectives.
3. The marketing mix is a set of interrelated marketing decisions that a company makes to achieve its marketing objectives.
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15. The marketing mix is a set of interrelated marketing decisions that a company makes to achieve its marketing objectives.

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Subject: F1121

Faculty of Science

Course: BSc (Hons) in Environmental Science, Semester 2021

Subject: Environmental Science (F1121)

Year 1/2021

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F1121

Write short answers to the questions.

(10 x 10 = 100 Marks)

1. Define the following terms:
2. Define the following terms:
3. Define the following terms:
4. Define the following terms:
5. Define the following terms:
6. Define the following terms:
7. Define the following terms:
8. Define the following terms:
9. Define the following terms:
10. Define the following terms:

Write short answers to the questions.

(10 x 10 = 100 Marks)

1. Define the following terms:
2. Define the following terms:
3. Define the following terms:
4. Define the following terms:
5. Define the following terms:
6. Define the following terms:
7. Define the following terms:
8. Define the following terms:
9. Define the following terms:
10. Define the following terms:



June 2020

UNIVERSITY OF BIRMINGHAM
Faculty of Business and Economics
School of Management

Page 1 of 1

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Page 1 of 1

1. Explain the importance of the following:
2. Discuss the importance of the following:
3. Discuss the importance of the following:
4. Discuss the importance of the following:
5. Discuss the importance of the following:
6. Discuss the importance of the following:
7. Discuss the importance of the following:
8. Discuss the importance of the following:
9. Discuss the importance of the following:
10. Discuss the importance of the following:

Page 1 of 1

Page 1 of 1

Page 1 of 1

1. Discuss the importance of the following:
2. Discuss the importance of the following:
3. Discuss the importance of the following:
4. Discuss the importance of the following:
5. Discuss the importance of the following:
6. Discuss the importance of the following:
7. Discuss the importance of the following:
8. Discuss the importance of the following:
9. Discuss the importance of the following:
10. Discuss the importance of the following:



Source: *U.S. Census Bureau*.

ENCLOSURE

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1999

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1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

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10.1111/j.1365-3113.2011.04511.x

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¹¹ *Journal of Health Politics, Policy and Law*, 32(1), 10–24.

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2020/21

UNIVERSITY OF THE SOUTH PACIFIC

School of Graduate Studies, Laue Campus, Suva, Fiji
(Faculty of Health Sciences)

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1. Define the term 'Infectious Diseases'.
2. Define the term 'Epidemiology'.
3. Define the term 'Pathogen'.
4. Define the term 'Host'.
5. Define the term 'Vector'.
6. Define the term 'Reservoir'.
7. Define the term 'Transmission'.
8. Define the term 'Infection'.
9. Define the term 'Disease'.
10. Define the term 'Immunity'.

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FACULTY OF PHARMACY
Exam 2 of PC-1: New Jersey Examination July 2021
Subject: Community Pharmacy

Time: 1.5 hours

Exam: 100 marks

Answer:

Write answers to the questions

(70 + 30 = 100 marks)

1. What are the advantages and disadvantages of having a pharmacist?
2. What are the objectives of a pharmacist?
3. List the components of a pharmacist's role.
4. Define health care.
5. What are the components of a pharmacist's role?
6. What is the information needed?
7. Define medication management.
8. Define health care.
9. List the components of a pharmacist's role.
10. What are the components of a pharmacist's role?

Answer:

Write answers to the questions

(3 + 10 + 30 = 43 marks)

11. Describe the role of a pharmacist in the management of a community pharmacy.
12. Give an example of a pharmacist's role in a community pharmacy.
13. Describe the role of a pharmacist in the management of a community pharmacy.
14. Describe the role of a pharmacist in the management of a community pharmacy.
15. What are the components of a pharmacist's role in a community pharmacy? List any two.
16. Describe the role of a pharmacist in the management of a community pharmacy.
17. What are the components of a pharmacist's role in a community pharmacy? List any two.
18. Describe the role of a pharmacist in the management of a community pharmacy.

Answer:

FACULTY OF PHARMACY
Pharm.D (HDC) I – Year Periodic Examination, August 2016
Subject: Pharmacokinetics/Pharmacodynamics

Time: 1 hour

Max. Marks: 70

Part – 1

Write Answer all the questions.

(3 x 10 = 30 marks)

1. Define the term) plasma-Protein binding and its importance.
2. What is meant by the term Half-life of a drug?
3. What is meant by the term) Clearance of a drug?
4. Define the term) First-pass effect.
5. State the role of plasma protein binding in drug action.
6. What is meant by the term) Half-life of a drug?
7. What is the difference between Clearance and Half-life?
8. What is the difference between Clearance and Half-life?
9. What is the difference between Clearance and Half-life?
10. What is the difference between Clearance and Half-life?

Part – 2

Write Answer any five questions.

(5 x 10 = 50 marks)

1. Discuss the role of plasma protein binding in drug action.
2. Discuss the role of plasma protein binding in drug action.
3. Discuss the role of plasma protein binding in drug action.
4. Discuss the role of plasma protein binding in drug action.
5. Discuss the role of plasma protein binding in drug action.
6. Discuss the role of plasma protein binding in drug action.
7. Discuss the role of plasma protein binding in drug action.
8. Discuss the role of plasma protein binding in drug action.
9. Discuss the role of plasma protein binding in drug action.
10. Discuss the role of plasma protein binding in drug action.

FACULTY OF PHARMACY
Name: D. R. (D.C.) - Year: Second Semester, July 2014
Subject: Pharmacology

Time: 1 hour

Roll Number: / /

WRT - 1

Write Answer to the questions

(10 x 1 = 10 Marks)

1. Define and describe angina pectoris.
2. Describe the treatment, the treatment of pericarditis.
3. Differentiate between local and general anesthesia and its application.
4. Define and describe anesthesia.
5. Describe the types of general anesthesia.
6. Define and describe hypotension.
7. Define and describe hypotension.
8. Define and describe hypotension.
9. Define and describe hypotension.
10. Define and describe hypotension.

WRT - 2

Write Answer to the questions

(2 x 5 = 10 Marks)

1. Define and describe angina pectoris, its signs and symptoms, the pharmacological action of drugs.
2. Define and describe pericarditis, its signs and symptoms, the pharmacological action of drugs.
3. Define and describe hypotension, its signs and symptoms, the pharmacological action of drugs.
4. Define and describe hypotension, its signs and symptoms, the pharmacological action of drugs.
5. Define and describe hypotension, its signs and symptoms, the pharmacological action of drugs.
6. Define and describe hypotension, its signs and symptoms, the pharmacological action of drugs.
7. Define and describe hypotension, its signs and symptoms, the pharmacological action of drugs.
8. Define and describe hypotension, its signs and symptoms, the pharmacological action of drugs.
9. Define and describe hypotension, its signs and symptoms, the pharmacological action of drugs.
10. Define and describe hypotension, its signs and symptoms, the pharmacological action of drugs.

FACULTY OF PHARMACY

Pharm.D. & Postgraduate Studies Center, Jaypee
Group of Institutions (JGI)

Time: 2 hours

Date: _____

Q.1

Write answer of the question

Mark: 20 marks

1. Define the term drug and its uses.
2. List the various routes of drug administration.
3. Define the term drug and its uses.
4. Define the term drug and its uses.
5. Define the term drug and its uses.
6. Define the term drug and its uses.
7. Define the term drug and its uses.
8. Define the term drug and its uses.
9. Define the term drug and its uses.
10. Define the term drug and its uses.
11. Define the term drug and its uses.
12. Define the term drug and its uses.

Q.2

Write answer of the question

Mark: 20 marks

1. Define the term drug and its uses.
2. Define the term drug and its uses.
3. Define the term drug and its uses.
4. Define the term drug and its uses.
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17. Define the term drug and its uses.
18. Define the term drug and its uses.
19. Define the term drug and its uses.
20. Define the term drug and its uses.



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2. Define the term 'Epidemiology'.
3. Define the term 'Pathogen'.
4. Define the term 'Virus'.
5. Define the term 'Bacteria'.
6. Define the term 'Fungi'.
7. Define the term 'Protozoa'.
8. Define the term 'Helminths'.
9. Define the term 'Arthropods'.
10. Define the term 'Insects'.
11. Define the term 'Mammals'.
12. Define the term 'Birds'.
13. Define the term 'Reptiles'.
14. Define the term 'Amphibians'.
15. Define the term 'Fish'.
16. Define the term 'Marine Invertebrates'.
17. Define the term 'Plants'.
18. Define the term 'Animals'.
19. Define the term 'Humans'.
20. Define the term 'Microbes'.

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1. Define the term 'Infectious Diseases'.
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2020/2021

FACULTY OF EDUCATION
Exam: E.E. Soc. & Cog. (100%) **Section: English: 20%**
Topic: Continuity Memory

Time: 1 hour

Date: _____

Write answers to the questions

ANSWER

(100% = 10 Marks)

1. Define continuity memory
2. What is memory rehearsal?
3. Define chunking
4. Define ETC.
5. Define primacy effect
6. Define recency effect
7. Define the forgetting curve
8. Define the forgetting curve
9. Define the forgetting curve
10. Define the forgetting curve
11. Define the forgetting curve
12. Define the forgetting curve

Write answers to the questions

ANSWER

(100% = 10 Marks)

1. Describe the role of memory rehearsal in memory storage. Explain the role of rehearsal in memory storage.
2. If a person is asked to recall a list of words, what is the effect of rehearsal on memory storage?
3. If a person is asked to recall a list of words, what is the effect of rehearsal on memory storage?
4. If a person is asked to recall a list of words, what is the effect of rehearsal on memory storage?
5. If a person is asked to recall a list of words, what is the effect of rehearsal on memory storage?
6. If a person is asked to recall a list of words, what is the effect of rehearsal on memory storage?
7. If a person is asked to recall a list of words, what is the effect of rehearsal on memory storage?
8. If a person is asked to recall a list of words, what is the effect of rehearsal on memory storage?
9. If a person is asked to recall a list of words, what is the effect of rehearsal on memory storage?
10. If a person is asked to recall a list of words, what is the effect of rehearsal on memory storage?
11. If a person is asked to recall a list of words, what is the effect of rehearsal on memory storage?
12. If a person is asked to recall a list of words, what is the effect of rehearsal on memory storage?



Page No. _____

TAMIL NADU SAHITYA AKADEMI

Part 2 of Part 3 of the Tamil Language Examination, September 2022
Subject: Pharmacology (Part 2: Pharmacology)

Time: 3 hours

Max. Marks: 70

Part 2 - B

Q1. Answer all the questions.

(10 x 1 = 10 Marks)

1. Define the Pharmacology of Drugs.
2. Define the Pharmacokinetics.
3. Define the Pharmacodynamics.
4. Define the Pharmacology of Drugs.
5. Define the Pharmacology of Drugs.
6. Define the Pharmacology of Drugs.
7. Define the Pharmacology of Drugs.
8. Define the Pharmacology of Drugs.
9. Define the Pharmacology of Drugs.
10. Define the Pharmacology of Drugs.

Part 2 - B

Q2. Answer any five questions.

(5 x 4 = 20 Marks)

1. Define the Pharmacology of Drugs.
2. Define the Pharmacokinetics.
3. Define the Pharmacodynamics.
4. Define the Pharmacology of Drugs.
5. Define the Pharmacology of Drugs.
6. Define the Pharmacology of Drugs.
7. Define the Pharmacology of Drugs.
8. Define the Pharmacology of Drugs.
9. Define the Pharmacology of Drugs.
10. Define the Pharmacology of Drugs.



2020-21-2021-22

Ministry of Health and Family Welfare

Thiruvananthapuram, Kerala

Thiruvananthapuram, Kerala

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2020-21-21001

Faculty of Medicine, M.C.V.

Form 3 (Year 10C) **Human Biology** Examination, September 2021

www.cambridge.org

Time: 1 hour

Max. marks: 12

Part - A

Write Answer all the questions.

(1 x 2 = 2 Marks)

1. Describe the structure and functions of a neuron.
2. Differentiate between *Angiogenic Factors* and *Angiogenic inhibitors*.
3. Describe the three types of *Cardiac Anemias*.
4. What is *epinephrine* and its effects?
5. What is *epinephrine* and its effects?
6. What is *epinephrine* and its effects?
7. Describe the structure and functions of a neuron.
8. Describe the structure and functions of a neuron.
9. Describe the structure and functions of a neuron.
10. Describe the structure and functions of a neuron.

Part - B

Write Answer any five questions.

(5 x 2 = 10 Marks)

1. Describe the structure and functions of a neuron.
2. Describe the structure and functions of a neuron.
3. Describe the structure and functions of a neuron.
4. Describe the structure and functions of a neuron.
5. Describe the structure and functions of a neuron.
6. Describe the structure and functions of a neuron.
7. Describe the structure and functions of a neuron.
8. Describe the structure and functions of a neuron.
9. Describe the structure and functions of a neuron.
10. Describe the structure and functions of a neuron.



Code No. D-181

FACULTY OF PHARMACY

Pharm. D 3 (CG) 8 Pp. 1000 E-Marking Pre-Tested. November 2021

Subject: Community Pharmacy

Date: 10/11/21

Page 1 of 10

Part - 1

Time: 1 hour 30 minutes

(10 x 10 = 100 Marks)

1. Define community pharmacy? Explain how drugs are packed in community pharmacy with
2. Define community pharmacy? Explain its importance.
3. What is the main aim of community pharmacy?
4. What are the main aims of community pharmacy?
5. What are the main aims of community pharmacy? Explain its importance.
6. Explain the factors affecting medication adherence.
7. What is the main aim of community pharmacy? Explain its importance.
8. Explain the factors affecting medication adherence.
9. Explain the factors affecting medication adherence.
10. Explain the factors affecting medication adherence.

Part - 2

Time: 1 hour 30 minutes

(10 x 10 = 100 Marks)

1. What is the main aim of community pharmacy? Explain its importance.
2. What are the main aims of community pharmacy? Explain its importance.
3. What are the main aims of community pharmacy? Explain its importance.
4. What are the main aims of community pharmacy? Explain its importance.
5. What are the main aims of community pharmacy? Explain its importance.
6. What are the main aims of community pharmacy? Explain its importance.
7. What are the main aims of community pharmacy? Explain its importance.
8. What are the main aims of community pharmacy? Explain its importance.
9. What are the main aims of community pharmacy? Explain its importance.
10. What are the main aims of community pharmacy? Explain its importance.



Date: / /

PAGE TWO - PART A

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1. System of Farming called as Shifting Cultivation
2. And it is also a Primitive Cultivation
3. Native people in California,
4. Amazon basin and Asia use this.
5. Native to Amazon, South America and Asia of this OC
6. It is used by Indians and tribes
7. Native to Amazon, South America and Asia of this OC
8. It is used by Indians and tribes
9. It is used by Indians and tribes
10. It is used by Indians and tribes

441-2

[illegible][illegible]

11. (a) What is a non-terminating decimal expansion?
 - (i) Give an example of a non-terminating decimal expansion.
12. Explain how Euclid's Fifth axiom can be used to show that the sum of two angles is less than two right angles.
13. (a) Define an interior angle of a triangle and give an example.
 - (i) Prove that the sum of all interior angles of a triangle is 180° .
14. Prove that $\angle A + \angle B + \angle C = 180^\circ$ for a triangle $\triangle ABC$.
15. (a) Define and describe Euclid's axioms.
 - (i) Define, describe and give an example of an axiom.
16. Draw a triangle and bisect it.
17. (a) Define perpendicular bisector. Prove that it is unique. Give an example.
 - (i) Give an example of a line that is not perpendicular.
18. (a) Define and describe parallel lines and give an example.
 - (i) What is an alternate exterior angle?



UNIVERSITY OF MEDICINE AND HEALTH SCIENCES

FACULTY OF PHARMACY

Pharm 303: Drug Mechanism & Endopharmacology (Semester 2021)

Subject: Pharmacology

Date: / /

Page No. /

Part - 1

Write short answer for the questions

(10 x 1 = 10 Marks)

1. Explain the mechanism of action of the following:
2. Name the receptors that bind to the following:
3. Name the physiological actions of the following:
4. Name the mechanism of action of the following:
5. Explain the mechanism of action of the following:
6. What is the mechanism of action of the following:
7. Explain the mechanism of action of the following:
8. Explain the mechanism of action of the following:
9. Explain the mechanism of action of the following:
10. Explain the mechanism of action of the following:

Part - 2

Write long answer for the questions

(1 x 10 = 10 Marks)

1. Explain the mechanism of action of the following:
2. Explain the mechanism of action of the following:
3. Explain the mechanism of action of the following:
4. Explain the mechanism of action of the following:
5. Explain the mechanism of action of the following:
6. Explain the mechanism of action of the following:
7. Explain the mechanism of action of the following:
8. Explain the mechanism of action of the following:
9. Explain the mechanism of action of the following:
10. Explain the mechanism of action of the following:



Course Code: 04380

FACULTY OF PHARMACY

Pharm 04380: Free-Rate & Kinetic Determination, December 2021

Examinations Department

Max Marks:

Max Time: 1h

PART 1

Write answers to the questions.

(10 x 17 = 170 marks)

1. What are the clinical indications for the use of the following drugs?
2. Give the correct values of $T_{1/2}$ and CL for the following drugs.
3. What is the difference between the following two drugs?
4. What is the difference between the following two drugs?
5. What are the clinical indications for the use of the following drugs?
6. What is the clinical indication for the use of the following drugs?
7. What is the clinical indication for the use of the following drugs?
8. What is the clinical indication for the use of the following drugs?
9. What is the clinical indication for the use of the following drugs?
10. What is the clinical indication for the use of the following drugs?

PART 2

Write answers to the questions.

(4 x 17 = 68 marks)

1. Describe the clinical use of the following drugs.
2. Give the clinical use of the following drugs.
3. Give the clinical use of the following drugs.
4. Give the clinical use of the following drugs.
5. Give the clinical use of the following drugs.
6. Give the clinical use of the following drugs.
7. Give the clinical use of the following drugs.
8. Give the clinical use of the following drugs.
9. Give the clinical use of the following drugs.
10. Give the clinical use of the following drugs.



Code No. D-10E

FACULTY OF MEDICINE

Pharm. & G1001 (First year & Banking Examination August 2022)

Subject: Pathophysiology

Date: / /

Page No. /

Part – I

Ques: Answer all the questions

(10 x 1 = 10 Marks)

1. Define the term: Pathogenesis and function of
2. Define the term: Pathogenesis of Diabetes Mellitus
3. Define the term: Pathogenesis of Hypertension
4. Define the term: Pathogenesis of Asthma
5. Define the term: Pathogenesis of Heart Failure
6. Define the term: Pathogenesis of Stroke
7. Define the term: Pathogenesis of Cancer
8. Define the term: Pathogenesis of AIDS
9. Define the term: Pathogenesis of HIV
10. Define the term: Pathogenesis of COVID-19

Part – II

Ques: Answer any five questions

(5 x 12 = 60 Marks)

1. Explain the pathogenesis of Diabetes Mellitus
2. Explain the pathogenesis of Hypertension
3. Explain the pathogenesis of Asthma
4. Explain the pathogenesis of Heart Failure
5. Explain the pathogenesis of Stroke
6. Explain the pathogenesis of Cancer
7. Explain the pathogenesis of AIDS
8. Explain the pathogenesis of HIV
9. Explain the pathogenesis of COVID-19
10. Explain the pathogenesis of SARS-CoV-2



Page No. 6/2020

FACULTY OF PHARMACY

First, 2nd & 3rd Year (Pharmaceuticals) May, 2020

Subject: Pharmacopoeia-I

Time: 3 hours

Max. Marks: 75

Page No.

Write down all the questions

(10 × 3 = 30 Marks)

1. List the sources of drugs with examples?
2. Name the quality control authority responsible for the registration of DDT?
3. Mention the sources of natural products therapy?
4. Mention the three methods of drug action in the body?
5. Define: Pharmacokinetics, Pharmacodynamics and Pharmacology?
6. What are the main types of drug receptors?
7. What are the main types of drug receptors?
8. Define the term: Pharmacokinetics and Pharmacodynamics?
9. Define the term: Pharmacokinetics and Pharmacodynamics?
10. Define the term: Pharmacokinetics and Pharmacodynamics?

Page No.

Write down all the questions

(10 × 3 = 30 Marks)

1. Define the term: Pharmacokinetics and Pharmacodynamics?
2. Define the term: Pharmacokinetics and Pharmacodynamics?
3. Define the term: Pharmacokinetics and Pharmacodynamics?
4. Define the term: Pharmacokinetics and Pharmacodynamics?
5. Define the term: Pharmacokinetics and Pharmacodynamics?
6. Define the term: Pharmacokinetics and Pharmacodynamics?
7. Define the term: Pharmacokinetics and Pharmacodynamics?
8. Define the term: Pharmacokinetics and Pharmacodynamics?
9. Define the term: Pharmacokinetics and Pharmacodynamics?
10. Define the term: Pharmacokinetics and Pharmacodynamics?



DATE: / /

FACULTY OF PHARMACY

Department: Year IV (Pharmaceutical Sciences) May 2021

Subject: Pathophysiology

Total: 2 hours

Page: 2 out of 2

Page: 1 of 1

Write answers to questions:

(10 x 2 = 20 Marks)

1. Define the following terms: (2 marks)
2. Define the following terms: (2 marks)
3. Define the following terms: (2 marks)
4. Define the following terms: (2 marks)
5. Define the following terms: (2 marks)
6. Define the following terms: (2 marks)
7. Define the following terms: (2 marks)
8. Define the following terms: (2 marks)
9. Define the following terms: (2 marks)
10. Define the following terms: (2 marks)

Page: 2 of 2

Write answers to the questions:

(2 x 10 = 20 Marks)

1. Define the following terms: (2 marks)
2. Define the following terms: (2 marks)
3. Define the following terms: (2 marks)
4. Define the following terms: (2 marks)
5. Define the following terms: (2 marks)
6. Define the following terms: (2 marks)
7. Define the following terms: (2 marks)
8. Define the following terms: (2 marks)
9. Define the following terms: (2 marks)
10. Define the following terms: (2 marks)



P.D. & T. COLLEGE PHARMACY

Pharm.D. Year (I) 2022-23 Internal Examination May 2022

Subject: Pharmacokinetics & Pharmacodynamics

Time: 2 Hours

Max. Marks: 70

PART - A (20 Marks)

Qns. Answer all questions.

1. What is Pharmacokinetics and Pharmacodynamics?
2. What is Pharmacokinetics?
3. What is Pharmacodynamics?
4. What is Pharmacokinetics?
5. What is Pharmacodynamics?
6. What is Pharmacokinetics?
7. What is Pharmacodynamics?
8. What is Pharmacokinetics?
9. What is Pharmacodynamics?
10. What is Pharmacokinetics?

PART - B (50 Marks)

Qns. Answer any five questions.

1. (a) Define Pharmacokinetics and Pharmacodynamics of drugs.
2. (b) Define Pharmacokinetics and Pharmacodynamics of drugs.
3. (c) Define Pharmacokinetics and Pharmacodynamics of drugs.
4. (d) Define Pharmacokinetics and Pharmacodynamics of drugs.
5. (e) Define Pharmacokinetics and Pharmacodynamics of drugs.
6. (f) Define Pharmacokinetics and Pharmacodynamics of drugs.
7. (g) Define Pharmacokinetics and Pharmacodynamics of drugs.
8. (h) Define Pharmacokinetics and Pharmacodynamics of drugs.
9. (i) Define Pharmacokinetics and Pharmacodynamics of drugs.
10. (j) Define Pharmacokinetics and Pharmacodynamics of drugs.



2020/2021 Roll

FACULTY OF HEALTH SCIENCES

Pharm. 201 Year 4 (202) Pending Distribution, May 2021
Subject: Pharmacognosy and Phyto Pharmacology

Time: 2 Hours

Roll Number: 16

Part 1 - 2

Write answers of the questions

01/01-20 Marks

1. Define: Phytochemistry of Foodstuffs
2. Give an account: Medicines
3. Discuss: Chemistry of Foodstuffs and
4. Explain: main uses of Foodstuffs
5. Define: main uses of Foodstuffs
6. Discuss: the Foodstuffs
7. Define: Foodstuffs, which are used as drugs or
8. Define: Foodstuffs, which are used as drugs or
9. Discuss: the Foodstuffs
10. Discuss: the Foodstuffs

Part 2 - 2

Write answer any five questions

2x 12= 24 Marks

1. (a) Define: Foodstuffs (b) Give an account: Foodstuffs (c) Discuss: the Foodstuffs (d) Explain: the Foodstuffs (e) Define: the Foodstuffs (f) Discuss: the Foodstuffs (g) Explain: the Foodstuffs (h) Define: the Foodstuffs (i) Discuss: the Foodstuffs (j) Explain: the Foodstuffs
2. (a) Define: Foodstuffs (b) Give an account: Foodstuffs (c) Discuss: the Foodstuffs (d) Explain: the Foodstuffs (e) Define: the Foodstuffs (f) Discuss: the Foodstuffs (g) Explain: the Foodstuffs (h) Define: the Foodstuffs (i) Discuss: the Foodstuffs (j) Explain: the Foodstuffs
3. (a) Define: Foodstuffs (b) Give an account: Foodstuffs (c) Discuss: the Foodstuffs (d) Explain: the Foodstuffs (e) Define: the Foodstuffs (f) Discuss: the Foodstuffs (g) Explain: the Foodstuffs (h) Define: the Foodstuffs (i) Discuss: the Foodstuffs (j) Explain: the Foodstuffs
4. (a) Define: Foodstuffs (b) Give an account: Foodstuffs (c) Discuss: the Foodstuffs (d) Explain: the Foodstuffs (e) Define: the Foodstuffs (f) Discuss: the Foodstuffs (g) Explain: the Foodstuffs (h) Define: the Foodstuffs (i) Discuss: the Foodstuffs (j) Explain: the Foodstuffs
5. (a) Define: Foodstuffs (b) Give an account: Foodstuffs (c) Discuss: the Foodstuffs (d) Explain: the Foodstuffs (e) Define: the Foodstuffs (f) Discuss: the Foodstuffs (g) Explain: the Foodstuffs (h) Define: the Foodstuffs (i) Discuss: the Foodstuffs (j) Explain: the Foodstuffs
6. (a) Define: Foodstuffs (b) Give an account: Foodstuffs (c) Discuss: the Foodstuffs (d) Explain: the Foodstuffs (e) Define: the Foodstuffs (f) Discuss: the Foodstuffs (g) Explain: the Foodstuffs (h) Define: the Foodstuffs (i) Discuss: the Foodstuffs (j) Explain: the Foodstuffs
7. (a) Define: Foodstuffs (b) Give an account: Foodstuffs (c) Discuss: the Foodstuffs (d) Explain: the Foodstuffs (e) Define: the Foodstuffs (f) Discuss: the Foodstuffs (g) Explain: the Foodstuffs (h) Define: the Foodstuffs (i) Discuss: the Foodstuffs (j) Explain: the Foodstuffs
8. (a) Define: Foodstuffs (b) Give an account: Foodstuffs (c) Discuss: the Foodstuffs (d) Explain: the Foodstuffs (e) Define: the Foodstuffs (f) Discuss: the Foodstuffs (g) Explain: the Foodstuffs (h) Define: the Foodstuffs (i) Discuss: the Foodstuffs (j) Explain: the Foodstuffs
9. (a) Define: Foodstuffs (b) Give an account: Foodstuffs (c) Discuss: the Foodstuffs (d) Explain: the Foodstuffs (e) Define: the Foodstuffs (f) Discuss: the Foodstuffs (g) Explain: the Foodstuffs (h) Define: the Foodstuffs (i) Discuss: the Foodstuffs (j) Explain: the Foodstuffs
10. (a) Define: Foodstuffs (b) Give an account: Foodstuffs (c) Discuss: the Foodstuffs (d) Explain: the Foodstuffs (e) Define: the Foodstuffs (f) Discuss: the Foodstuffs (g) Explain: the Foodstuffs (h) Define: the Foodstuffs (i) Discuss: the Foodstuffs (j) Explain: the Foodstuffs



FACULTY OF PHARMACY

10/10/2022

PharmD 2 (DC) 1- Two Hours Examination May 2022

Subject: Pharmacology - I

Time: 2 hours

Max. Marks: 70

Part I

Ques. Answer all questions.

(10 × 2 = 20 Marks)

1. Phenothiazine is used in treatment of disorders of brain.
2. Define Parkinsonism. Write its pharmacology & treatment.
3. Define apoplexy (stroke). Describe its types & signs. Write the pharmacological actions and use of a pharmacological agent.
4. Classify anti-emetics. Write the pharmacology of Thiopentone.
5. Write a note on anti-nausea.
6. Phenothiazine is used in treatment of disorders of brain.
7. Classify antipsychotics. Write the pharmacology of Haloperidol.
8. Define Parkinsonism. Write its treatment.
9. Define apoplexy (stroke). Write its treatment.
10. Write a note on anti-nausea.

Part II

Ques. Answer any five questions.

(5 × 10 = 50 Marks)

1. Write the pharmacological actions of a drug used in the treatment of stroke.
2. Write the pharmacological actions of a drug used in the treatment of stroke.
3. Write the pharmacological actions of a drug used in the treatment of stroke.
4. Write the pharmacological actions of a drug used in the treatment of stroke.
5. Write the pharmacological actions of a drug used in the treatment of stroke.
6. Write the pharmacological actions of a drug used in the treatment of stroke.
7. Write the pharmacological actions of a drug used in the treatment of stroke.
8. Write the pharmacological actions of a drug used in the treatment of stroke.
9. Write the pharmacological actions of a drug used in the treatment of stroke.
10. Write the pharmacological actions of a drug used in the treatment of stroke.



2020-2021

FACULTY OF PHARMACY

Pharm. 301 (Pharm 4002) (Public Distribution) (4002)
 (Pharm 4002) (Public Distribution)

Date: 11/11/2020

Page: 1/1

Part 1

1. Answer the following questions

(10 x 1 = 10 Marks)

1. Define the term of "Pharmaceuticals".
2. Define the term "Drug".
3. Define the term "Pharmaceutical Industry".
4. Define the term "Pharmaceutical Research".
5. Define the term "Pharmaceutical Development".
6. Define the term "Pharmaceutical Production".
7. Define the term "Pharmaceutical Distribution".
8. Define the term "Pharmaceutical Marketing".
9. Define the term "Pharmaceutical Regulation".
10. Define the term "Pharmaceutical Quality".

Part 2

2. Answer any five questions

(5 x 12 = 60 Marks)

1. Define the term "Pharmaceutical Research and Development".
2. Define the term "Pharmaceutical Production".
3. Define the term "Pharmaceutical Distribution".
4. Define the term "Pharmaceutical Marketing".
5. Define the term "Pharmaceutical Regulation".
6. Define the term "Pharmaceutical Quality".
7. Define the term "Pharmaceutical Safety".
8. Define the term "Pharmaceutical Efficacy".
9. Define the term "Pharmaceutical Toxicity".
10. Define the term "Pharmaceutical Pharmacokinetics".

SCHOOL OF PHARMACY

Pharm.D. VYD, 4th Year, Pharmaceutical Examination, Session III

Subject: Pharmacokinetics

Time: 2 hours

Maximum: 75

PART A (50 Marks)

Answer all the questions from Part A.

1. Define the pH condition of a preparation?
2. Define specific and generic leaflet leaflet?
3. Define Aripiprazole. What are the clinical uses of tablet and extended release?
4. Explain the significance of protein binding drug binding?
5. List the types of capsules (Give one example)?
6. Differentiate between oral and intravenous infusion?
7. Define a bioequivalent. Give examples and its uses in clinical practice?
8. Define the various features and types of buffer systems in pharmaceuticals. Give one example?
9. Define a buffer system in pharmaceuticals.
10. What is meant by the following? (Give one example)?

PART B (25 Marks)

Answer any four questions from Part B.

1. Define pharmacokinetics. What are the factors affecting the pharmacokinetics of a drug?
2. a) Define the term pharmacokinetics. b) Define the term pharmacodynamics. c) Define the term pharmacokinetics. d) Define the term pharmacodynamics. e) Define the term pharmacokinetics. f) Define the term pharmacodynamics. g) Define the term pharmacokinetics. h) Define the term pharmacodynamics. i) Define the term pharmacokinetics. j) Define the term pharmacodynamics. k) Define the term pharmacokinetics. l) Define the term pharmacodynamics. m) Define the term pharmacokinetics. n) Define the term pharmacodynamics. o) Define the term pharmacokinetics. p) Define the term pharmacodynamics. q) Define the term pharmacokinetics. r) Define the term pharmacodynamics. s) Define the term pharmacokinetics. t) Define the term pharmacodynamics. u) Define the term pharmacokinetics. v) Define the term pharmacodynamics. w) Define the term pharmacokinetics. x) Define the term pharmacodynamics. y) Define the term pharmacokinetics. z) Define the term pharmacodynamics.
3. Define the term pharmacokinetics. What are the factors affecting the pharmacokinetics of a drug?
4. Define the term pharmacokinetics. What are the factors affecting the pharmacokinetics of a drug?
5. Define the term pharmacokinetics. What are the factors affecting the pharmacokinetics of a drug?
6. Define the term pharmacokinetics. What are the factors affecting the pharmacokinetics of a drug?
7. Define the term pharmacokinetics. What are the factors affecting the pharmacokinetics of a drug?
8. Define the term pharmacokinetics. What are the factors affecting the pharmacokinetics of a drug?
9. Define the term pharmacokinetics. What are the factors affecting the pharmacokinetics of a drug?
10. Define the term pharmacokinetics. What are the factors affecting the pharmacokinetics of a drug?

FACULTY OF PHARMACY

Exam 3 (Year 4) (2023-24) (Sem 4) (Anatomy, Physiology, Biochemistry)

Subject: Physiology

Time: 2 hours

Total Marks: 50

Write answers for questions from Part I. Answer any four questions from Part II.

PART I (40 Marks)

1. Explain the following effects of smoking.
2. Discuss the role of the sympathetic nervous system.
3. Describe the structure of the lymphatic system.
4. Describe the structure of the heart.
5. What is a heart failure?
6. Discuss the structure of the kidney.
7. Discuss the physiology of the kidney.
8. Discuss the structure of the kidney.
9. Discuss the physiology of the kidney.
10. Discuss the structure of the kidney.

PART II (10 Marks)

1. Discuss the following effects of smoking.
2. Discuss the following effects of smoking.
3. Discuss the following effects of smoking.
4. Discuss the following effects of smoking.
5. Discuss the following effects of smoking.
6. Discuss the following effects of smoking.
7. Discuss the following effects of smoking.
8. Discuss the following effects of smoking.
9. Discuss the following effects of smoking.
10. Discuss the following effects of smoking.

PHARM 17-21 / PHARM 17

Pharm. Diploma 3 / DC / Hala & Ezzat / Quesar / October 2021

Level II Community Pharmacy

Time: 3 hours

Max. Marks: 50

Note: Answer any six questions from Part A, and any two questions from Part B.

PART A - (6 x 10 = 60 Marks)

1. Define Community Pharmacy and Community Pharmacist.
2. Calculate Time.
3. What do you mean by OTC drugs? Give two examples.
4. Define Health Screening.
5. Define Health.
6. What are the reasons of T1?
7. Give two examples of drugs used for treatment of hypertension.
8. What do you mean by use of drugs?
9. Define rational use of drugs.
10. Define the principles of treatment of hypertension.

PART B - (2 x 10 = 20 Marks)

11. Explain the role and responsibilities of Community Pharmacy.
12. Describe Model 1. Why are the legal requirements in Model 1 Community Pharmacy valid?
13. Explain the concept of pharmacist. What do you mean by quality of pharmacist?
14. Describe ethical and legal aspects.
15. Describe in detail principles of Pharmacokinetics.
16. Explain various factors of drug dosing. What are the main pharmacokinetic parameters?
17. Describe clinical examination of asthma. List 3 drugs for the treatment and prevention of the same.
18. What are the different contraceptive methods? What is the role of pharmacist in birth planning?

FACULTY OF PHARMACY

Pharm. 2 & Pharm. 4 (SC) School of Chemistry, College of
Sulayb, Pharamagusa, and High Pharamagusa

Part 1 (100%)

Part 2 (100%)

How many of the questions from Part 1, according to the number from Part 1?

PART 1 (100%)

1. Define the following: (10 marks)
2. Define the following: (10 marks)
3. Define the following: (10 marks)
4. Define the following: (10 marks)
5. Define the following: (10 marks)
6. Define the following: (10 marks)
7. Define the following: (10 marks)
8. Define the following: (10 marks)
9. Define the following: (10 marks)
10. Define the following: (10 marks)

PART 2 (100%)

1. (a) Define the following: (10 marks) (b) Define the following: (10 marks)
2. (a) Define the following: (10 marks) (b) Define the following: (10 marks)
3. (a) Define the following: (10 marks) (b) Define the following: (10 marks)
4. (a) Define the following: (10 marks) (b) Define the following: (10 marks)
5. (a) Define the following: (10 marks) (b) Define the following: (10 marks)
6. (a) Define the following: (10 marks) (b) Define the following: (10 marks)
7. (a) Define the following: (10 marks) (b) Define the following: (10 marks)
8. (a) Define the following: (10 marks) (b) Define the following: (10 marks)
9. (a) Define the following: (10 marks) (b) Define the following: (10 marks)
10. (a) Define the following: (10 marks) (b) Define the following: (10 marks)

FACULTY OF PHARMACY

Pharm. D (H-100) 1st Year: Main & Backlogs Examination, October 2021

Subject: Pharmacology

Time: 3 hours

Max. Marks: 70

Note: Answer any six questions from Part A and answering four questions from Part B.
(Max 1200 characters)

1. What about drug administration? Examples.
2. What about the method of drug administration?
3. Classify the drugs used in respiratory tract diseases. Write the pharmacology of selective β_2 agonists.
4. Classify anti-glycemics. Write the pharmacology of Glimepiramide.
5. What is role in anti-cancer?
6. What is role of thyroid disorders with the reasons?
7. What are psychotropic? Write the pharmacology of the psychotropic drugs and applications of psychotropic drugs.
8. What about pre-clinical studies in toxicology?
9. What are metabolic and chemical drug examples. Write the use of each.
10. What are plant examples? Write the pharmacological actions of morphine.

Part B: (2000 characters)

11. a) What is a drug? Write the definition and examples.
b) What is a drug? Write the definition and examples.
12. Classify anti-cancer drugs with examples. Write the pharmacology of cisplatin.
13. Classify anti-hypertensives with examples. Write the pharmacology of lisinopril.
14. a) Classify GAC drugs with examples. Write the use of each drug.
b) What are GAC drugs? Write the use of each drug.
15. a) What are psychotropic? Classify the psychotropic drugs with examples.
b) What are psychotropic? Classify the psychotropic drugs with examples.
16. Classify the drugs in toxicology. Write the pharmacology of drugs used in the treatment of poisoning.
17. What are psychotropic? Classify the psychotropic drugs with examples. Write the clinical use of each drug.
18. a) Classify the drugs in toxicology with examples. Write the use of each drug.
b) Classify the drugs in toxicology with examples. Write the use of each drug.

EFFECTS OF PARAFENACETAMOL

Name: 2019 Year: 4003 (MSc) Nursing Education, October 2020

Subject: Pharmacology (Nursing)

Time: 2 Hours

Max. Marks: 70

PART - 1

Q1. Answer any six questions.

(6 x 10 = 60 Marks)

1. What is effect of paracetamol on analgesia?
2. What is paracetamol and its mechanism?
3. What is its toxicity?
4. Define Toxication.
5. What are signs and symptoms?
6. Give an example of paracetamol toxicity.
7. Give an example of paracetamol toxicity.
8. Give an example of paracetamol toxicity.
9. Give an example of paracetamol toxicity.
10. Give an example of paracetamol toxicity.

PART - 2

Q2. Answer any four questions.

(4 x 15 = 60 Marks)

1. Explain the effect of paracetamol on analgesia.
2. Explain the effect of paracetamol on analgesia.
3. Explain the effect of paracetamol on analgesia.
4. Explain the effect of paracetamol on analgesia.
5. Explain the effect of paracetamol on analgesia.
6. Explain the effect of paracetamol on analgesia.
7. Explain the effect of paracetamol on analgesia.
8. Explain the effect of paracetamol on analgesia.
9. Explain the effect of paracetamol on analgesia.
10. Explain the effect of paracetamol on analgesia.



PAULIST (+HOSPITAL)
PharmD 3-POC - Year 2/2018-2019, February 2018
Lapsed : Pharmaceutical Microbiology

Time Allowed

Max. Marks 75

III - Answer all Questions from Part A, Answer any Five Questions from Part B
Part A - 31/2 - 10 Marks

Write short

- 1. Antiseptics
- 2. Disinfectant
- 3. Chemical Disinfectants and Antiseptics
- 4. Hospital Sanitary
- 5. Fungi
- 6. Fungal Microbiology
- 7. Sterilization
- 8. Contamination
- 9. Sterility
- 10. Sterilization

PART B - 10/12 - 10 MARKS

- 1. a) Discuss the importance of microbial in medical microbiology
b) Define a bio-film in the context of the body. Discuss its history and development of antibiotic. 4
- 2. a) Define the general classification of microorganisms
b) Define a microorganism in the context of the body. 4
- 3. a) Describe the general effects of disinfection of agents
b) Define the general effects of disinfection of agents. 4
- 4. a) Discuss the effect of disinfection of agents
b) Define the effect of disinfection of agents. 4
- 5. a) Define the effect of disinfection of agents
b) Define the effect of disinfection of agents. 4
- 6. a) Define the effect of disinfection of agents
b) Define the effect of disinfection of agents. 4
- 7. a) Define the effect of disinfection of agents
b) Define the effect of disinfection of agents. 4
- 8. a) Define the effect of disinfection of agents
b) Define the effect of disinfection of agents. 4
- 9. a) Define the effect of disinfection of agents
b) Define the effect of disinfection of agents. 4
- 10. a) Define the effect of disinfection of agents
b) Define the effect of disinfection of agents. 4



FACULTY OF ENGINEERING
Part 3 3-FOC: Final Project Distribution, February 2000

Subject: Programming and Performance Analysis

Time: 3 hours

Date: March 94

NOTE: Answer all Questions from Part A. Answer any Five Questions from Part B.

PART A: (120 MARKS)

1. Name the six parts of the computer.
2. Describe the terms *assembler* and *interpreter*.
3. Name one or two types of code design.
4. Name the functions of *plan* and *test*.
5. Give the general components of a computer program.
6. Give the general components of a data structure.
7. Name the different ways to search a tree.
8. Name different types of communication in a network.
9. Name the classification of errors.
10. Name the factors of program design.

PART B: (140 MARKS)

11. a) Explain the difference between *internal* and *external* representation of a code design with suitable examples. (10)
- b) Explain the difference between *internal* and *external* representation of a code design. (10)
12. a) Explain the difference between *internal* and *external* representation of a code design. (10)
- b) Explain the difference between *internal* and *external* representation of a code design. (10)
13. a) What are the different types of errors? (10)
- b) What are the different types of errors? (10)
14. a) Explain the difference between *internal* and *external* representation of a code design. (10)
- b) Explain the difference between *internal* and *external* representation of a code design. (10)
15. a) Explain the difference between *internal* and *external* representation of a code design. (10)
- b) Explain the difference between *internal* and *external* representation of a code design. (10)
16. a) Explain the difference between *internal* and *external* representation of a code design. (10)
- b) Explain the difference between *internal* and *external* representation of a code design. (10)
17. a) Explain the difference between *internal* and *external* representation of a code design. (10)
- b) Explain the difference between *internal* and *external* representation of a code design. (10)
18. a) Explain the difference between *internal* and *external* representation of a code design. (10)
- b) Explain the difference between *internal* and *external* representation of a code design. (10)



FACULTY OF PHARMACY
PharmD 3-PDC – Final Preclinical Examination, February 2015
Subject: Pharmacology – I

Time Allowed

Max. Marks: 70

2015: Answer all Questions from Part A, Answer any Four Questions from Part B

Part A – 31x2 = 62 Marks

1. Define the following responses of Atrial natriuretic peptide
2. Classify beta-blockers with examples
3. Define the Pharmacological role of Histamine
4. Define protein to drug – immune response (PDI)
5. Name all the Part D-HCB interactions
6. Define the mechanism of action
7. Define the mechanism of action of salbutamol
8. Define the mechanism of action of Digoxin
9. Name all the Part D-HCB interactions
10. Define the mechanism of action of Digoxin

Part B – 10x10 = 100 Marks

11. Classify anti-diabetic drugs with examples. Explain the mechanism of action of insulin and the typical side effects of insulin. 10
12. a) Classify anti-hypertensive drugs. b) Define – what does angiotensin II do? 10
 i) Give the mechanism of action 4
13. a) Define the mechanism of action of the following drugs: b) Define the mechanism of action of the following drugs: 10
 i) Define the mechanism of action of the following drugs: 4
14. Classify anti-diabetic drugs with examples. 10
15. a) Define the mechanism of action of the following drugs: b) Define the mechanism of action of the following drugs: 10
 i) Define the mechanism of action of the following drugs: 4
16. a) Define the mechanism of action of the following drugs: b) Define the mechanism of action of the following drugs: 10
 i) Define the mechanism of action of the following drugs: 4
17. a) Define the mechanism of action of the following drugs: b) Define the mechanism of action of the following drugs: 10
 i) Define the mechanism of action of the following drugs: 4
18. a) Define the mechanism of action of the following drugs: b) Define the mechanism of action of the following drugs: 10
 i) Define the mechanism of action of the following drugs: 4



FACULTY OF PHARMACY
PharmD 3-PDC 3-Pass Subject Question Bank, February 2015
(Subject: Pharmacy Practice)

Year 3 Exam

Exam Name: 3

1200 Hours of Question Bank, Here are the Questions for Practice

PART 1: (100% 10.00%)

- 1. What is the purpose of a... 1
- 2. What is the purpose of a... 1
- 3. What is the purpose of a... 1
- 4. What is the purpose of a... 1
- 5. What is the purpose of a... 1
- 6. What is the purpose of a... 1
- 7. What is the purpose of a... 1
- 8. What is the purpose of a... 1
- 9. What is the purpose of a... 1
- 10. What is the purpose of a... 1

PART 2: (100% 10.00%)

- 1. a. What is the purpose of a... 10
- b. What is the purpose of a... 10
- 2. What is the purpose of a... 10
- 3. What is the purpose of a... 10
- 4. a. What is the purpose of a... 10
- b. What is the purpose of a... 10
- 5. What is the purpose of a... 10
- 6. a. What is the purpose of a... 10
- b. What is the purpose of a... 10
- 7. What is the purpose of a... 10
- 8. a. What is the purpose of a... 10
- b. What is the purpose of a... 10
- 9. What is the purpose of a... 10
- 10. What is the purpose of a... 10



KARNATAKA PAPER SET - I

(2020-21)

Three (3) MCQ (multiple choice) questions, Duration: 20M

Subject: Mathematics

Time: 20 min

PART - I

Max. Marks: 10

Note: answer any 03 questions

(03 of 03 Marks)

1. Write down any 03 questions
2. Write down any 03 questions
3. Write down any 03 questions
4. Write down any 03 questions
5. Write down any 03 questions
6. Write down any 03 questions
7. Write down any 03 questions
8. Write down any 03 questions
9. Write down any 03 questions
10. Write down any 03 questions

PART - II

Note: answer any 03 questions

(03 of 03 Marks)

1. Write down any 03 questions
2. Write down any 03 questions
3. Write down any 03 questions
4. Write down any 03 questions
5. Write down any 03 questions
6. Write down any 03 questions
7. Write down any 03 questions
8. Write down any 03 questions
9. Write down any 03 questions
10. Write down any 03 questions



FACULTY OF PHARMACY

1388-1070206

Pharmacy practice theory, basic & specialty, pharmaceutical research and
clinical pharmacology and pharmacokinetics

Exam 1: theory

date: 14/11/2019

part 1

study: Answer any 10 questions

(10 x 10 = 100)

1. Define (Pharmaceutical) Quality
2. Name of Quality standards
3. Define (Good Manufacturing Practices)
4. Purpose of quality control
5. Name of quality control system
6. Chemical analysis of drugs and their salts
7. Good Test and Analysis
8. Good Manufacturing Practices (GMP)
9. Name of quality control system and its use
10. Difference between Quality and Quantity

study: Answer any 10 Q&A questions

(10 x 10 = 100)

1. a) Define the quality of drugs, b) Define Pharmaceutical Quality
2. a) Define the quality of drugs, b) Define Pharmaceutical Quality
3. a) Define the quality of drugs, b) Define Pharmaceutical Quality
4. a) Define the quality of drugs, b) Define Pharmaceutical Quality
5. a) Define the quality of drugs, b) Define Pharmaceutical Quality
6. a) Define the quality of drugs, b) Define Pharmaceutical Quality
7. a) Define the quality of drugs, b) Define Pharmaceutical Quality
8. a) Define the quality of drugs, b) Define Pharmaceutical Quality
9. a) Define the quality of drugs, b) Define Pharmaceutical Quality
10. a) Define the quality of drugs, b) Define Pharmaceutical Quality



UNIVERSITY OF THE SOUTH PACIFIC

2020-2021

Faculty of Health Sciences School of Health Sciences

2020-2021

2020-2021

2020-2021

2020-2021

2020-2021

1. Explain the role of the respiratory system in the body.
2. Describe the structure and function of the respiratory system.
3. Explain the role of the respiratory system in the body.
4. Describe the structure and function of the respiratory system.
5. Explain the role of the respiratory system in the body.
6. Describe the structure and function of the respiratory system.
7. Explain the role of the respiratory system in the body.

2020-2021

2020-2021

2020-2021

1. Explain the role of the respiratory system in the body.
2. Describe the structure and function of the respiratory system.
3. Explain the role of the respiratory system in the body.
4. Describe the structure and function of the respiratory system.
5. Explain the role of the respiratory system in the body.
6. Describe the structure and function of the respiratory system.
7. Explain the role of the respiratory system in the body.
8. Describe the structure and function of the respiratory system.
9. Explain the role of the respiratory system in the body.
10. Describe the structure and function of the respiratory system.
11. Explain the role of the respiratory system in the body.
12. Describe the structure and function of the respiratory system.
13. Explain the role of the respiratory system in the body.
14. Describe the structure and function of the respiratory system.
15. Explain the role of the respiratory system in the body.
16. Describe the structure and function of the respiratory system.
17. Explain the role of the respiratory system in the body.
18. Describe the structure and function of the respiratory system.
19. Explain the role of the respiratory system in the body.
20. Describe the structure and function of the respiratory system.



Faculty of Health Sciences and Behavioural Sciences

School of Community Pharmacy

Final Exam

May, 2021

PART A

Write/answer any six questions.

[60 marks]

1. What are the objectives of studying?
2. What do you think is important?
3. Research is a systematic information about something that is being done.
4. Not all research is useful.
5. Unethical research is unethical.
6. There is no such thing as a free lunch.
7. Research is a process.
8. Research is a science.
9. Research is a process.
10. Research is a process.

PART B

Write/answer any four questions.

[40 marks]

1. Give the purpose of research of pharmacy. Represent the pharmacy with an appropriate example of research.
2. Explain the role of research in pharmacy. Give an example of research in pharmacy.
3. Give the purpose of research of pharmacy. Represent the pharmacy with an appropriate example of research.
4. Give the purpose of research of pharmacy. Represent the pharmacy with an appropriate example of research.
5. Give the purpose of research of pharmacy. Represent the pharmacy with an appropriate example of research.
6. Give the purpose of research of pharmacy. Represent the pharmacy with an appropriate example of research.
7. Give the purpose of research of pharmacy. Represent the pharmacy with an appropriate example of research.
8. Give the purpose of research of pharmacy. Represent the pharmacy with an appropriate example of research.
9. Give the purpose of research of pharmacy. Represent the pharmacy with an appropriate example of research.
10. Give the purpose of research of pharmacy. Represent the pharmacy with an appropriate example of research.

[10 marks]



FACULTY OF PHARMACY

Heretofore printing is over, make a copy of your answers in answer sheet

Subject: Pharmacology (V) (1)

1,338 (4/2/2020)

Time: 1 hour

MLA NO. 11, 78

PART A

Q1. Answer any 10 questions

10 x 1 = 10 marks

1. Name a fluid volume in a Potts Gas International
2. Define Pharmacokinetics of drugs
3. Differentiate CYP2D6 and CYP3A4
4. Classify Probenecid as a drug of (POT)
5. Name the active part of a molecule in (Pharmacokinetics)
6. Give an example for a pharmacokinetic in (Pharmacokinetics)
7. Give an example for a pharmacokinetic in (Pharmacokinetics)
8. Name a drug which is a drug of (Pharmacokinetics)
9. Name a drug which is a drug of (Pharmacokinetics)
10. Name a drug which is a drug of (Pharmacokinetics)

PART B

Q2. Answer any four questions

4 x 1 = 4 marks

1. Name a drug which is a drug of (POT)
2. Give an example for a pharmacokinetic in (Pharmacokinetics)
3. Give an example for a pharmacokinetic in (Pharmacokinetics)
4. Give an example for a pharmacokinetic in (Pharmacokinetics)
5. Give an example for a pharmacokinetic in (Pharmacokinetics)
6. Give an example for a pharmacokinetic in (Pharmacokinetics)
7. Give an example for a pharmacokinetic in (Pharmacokinetics)
8. Give an example for a pharmacokinetic in (Pharmacokinetics)
9. Give an example for a pharmacokinetic in (Pharmacokinetics)
10. Give an example for a pharmacokinetic in (Pharmacokinetics)



Psychology 1: From genes to making meaningful decisions (2021)

Subject: Psychology

Time: 3 Hours

PART 1

Max Marks: 75

Write answer to any five questions

part: 1000000

1. Write the advantages and limitations of research II
2. Discuss the relationship between research and theory
3. Discuss the characteristics of a good research
4. Write the functions of a research hypothesis
5. Discuss the characteristics of a good hypothesis
6. Explain the steps in developing a research hypothesis
7. Discuss the characteristics of a good hypothesis
8. Write the characteristics of a good hypothesis
9. Write the characteristics of a good hypothesis
10. Explain the steps in developing a research hypothesis

PART II

Write answer to any three questions

(20% of 1000000)

11. Write the characteristics of a good hypothesis
12. Discuss the characteristics of a good hypothesis
13. Write the characteristics of a good hypothesis
14. Discuss the characteristics of a good hypothesis
15. Write the characteristics of a good hypothesis
16. Discuss the characteristics of a good hypothesis
17. Write the characteristics of a good hypothesis
18. Discuss the characteristics of a good hypothesis
19. Write the characteristics of a good hypothesis
20. Discuss the characteristics of a good hypothesis



PHARMACY

Pharm.D. (D) & B.Sc. (H) & B.Sc. (H) & B.Sc. (H) & B.Sc. (H)

Subject: Pharmaceutical Microbiology

Time: 2 Hours

Max. Marks: 50

Write answers to all questions. Answer any Five Questions from Part B.

Part A - (10) = 10 Marks

Write short

1. Sterilization

2. Antiseptic

3. Disinfectant

4. Tetracycline

5. Penicillin

6. Antibiotic

7. Active ingredient

8. Bacterial flora

9. Disinfectant and Antiseptic

10. Food Microbiology

Part B - (10) = 10 Marks

Write short

1. Define sterilization and give its types.

2. Define antiseptic and give its types.

3. Define disinfectant and give its types.

4. Define antibiotic and give its types.

5. Define active ingredient and give its types.

6. Define bacterial flora and give its types.

7. Define disinfectant and give its types.

8. Define antiseptic and give its types.

9. Define antibiotic and give its types.

10. Define active ingredient and give its types.

11. Define bacterial flora and give its types.

12. Define disinfectant and give its types.

13. Define antiseptic and give its types.

14. Define antibiotic and give its types.

15. Define active ingredient and give its types.

16. Define bacterial flora and give its types.

17. Define disinfectant and give its types.

18. Define antiseptic and give its types.

19. Define antibiotic and give its types.

20. Define active ingredient and give its types.



FACULTY OF PHARMACY

2020-2021

(First & Second Year Joint Entrance Examination, July 2021)

Subject: Pharmacology/024

TIME: 2 Hours

MAX. MARKS: 75

NOTE: Answer all questions from Part (1) & (2) & (3) & (4) & (5) & (6) & (7) & (8) & (9) & (10)

PART (1) (20%) (10 Marks)

1. Define the following terms:
 - a) Pharmacokinetics
 - b) Pharmacodynamics
 - c) Pharmacokinetics
 - d) Pharmacokinetics
 - e) Pharmacokinetics
 - f) Pharmacokinetics
 - g) Pharmacokinetics
 - h) Pharmacokinetics
 - i) Pharmacokinetics
 - j) Pharmacokinetics
2. What is the difference between pharmacokinetics and pharmacodynamics?
3. What are the differences between pharmacokinetics and pharmacodynamics?
4. What are the differences between pharmacokinetics and pharmacodynamics?
5. What are the differences between pharmacokinetics and pharmacodynamics?
6. What are the differences between pharmacokinetics and pharmacodynamics?
7. What are the differences between pharmacokinetics and pharmacodynamics?
8. What are the differences between pharmacokinetics and pharmacodynamics?
9. What are the differences between pharmacokinetics and pharmacodynamics?
10. What are the differences between pharmacokinetics and pharmacodynamics?

PART (2) (20%) (10 Marks)

11. Classify the following drugs according to their mechanism of action:
 - a) Aspirin
 - b) Ibuprofen
 - c) Paracetamol
 - d) Morphine
 - e) Cocaine
 - f) Heroin
 - g) Amphetamine
 - h) Ecstasy
 - i) LSD
 - j) Ketamine
12. What is the difference between pharmacokinetics and pharmacodynamics?
13. What is the difference between pharmacokinetics and pharmacodynamics?
14. What is the difference between pharmacokinetics and pharmacodynamics?
15. What is the difference between pharmacokinetics and pharmacodynamics?
16. What is the difference between pharmacokinetics and pharmacodynamics?
17. What is the difference between pharmacokinetics and pharmacodynamics?
18. What is the difference between pharmacokinetics and pharmacodynamics?
19. What is the difference between pharmacokinetics and pharmacodynamics?
20. What is the difference between pharmacokinetics and pharmacodynamics?



FACULTY OF PHARMACY

2024-2025

Pharmacy (B.Sc.) - Bachelor's Degree Programme, 4th Year
Subject: Antimicrobial Therapy

Page 1 of 1

Page 1 of 1

Subject: Antimicrobial Therapy (Pharmacy) - 4th Year - 2024-2025

QUESTION BANK

1. Define Antimicrobial.
2. Define Antimicrobial.
3. Define Antimicrobial.
4. Define Antimicrobial.
5. Define Antimicrobial.
6. Define Antimicrobial.
7. Define Antimicrobial.
8. Define Antimicrobial.
9. Define Antimicrobial.
10. Define Antimicrobial.
11. Define Antimicrobial.
12. Define Antimicrobial.
13. Define Antimicrobial.
14. Define Antimicrobial.
15. Define Antimicrobial.
16. Define Antimicrobial.
17. Define Antimicrobial.
18. Define Antimicrobial.
19. Define Antimicrobial.
20. Define Antimicrobial.

ANSWER KEY

1. Antimicrobial is a substance that kills or inhibits the growth of microorganisms.
2. Antimicrobial is a substance that kills or inhibits the growth of microorganisms.
3. Antimicrobial is a substance that kills or inhibits the growth of microorganisms.
4. Antimicrobial is a substance that kills or inhibits the growth of microorganisms.
5. Antimicrobial is a substance that kills or inhibits the growth of microorganisms.
6. Antimicrobial is a substance that kills or inhibits the growth of microorganisms.
7. Antimicrobial is a substance that kills or inhibits the growth of microorganisms.
8. Antimicrobial is a substance that kills or inhibits the growth of microorganisms.
9. Antimicrobial is a substance that kills or inhibits the growth of microorganisms.
10. Antimicrobial is a substance that kills or inhibits the growth of microorganisms.
11. Antimicrobial is a substance that kills or inhibits the growth of microorganisms.
12. Antimicrobial is a substance that kills or inhibits the growth of microorganisms.
13. Antimicrobial is a substance that kills or inhibits the growth of microorganisms.
14. Antimicrobial is a substance that kills or inhibits the growth of microorganisms.
15. Antimicrobial is a substance that kills or inhibits the growth of microorganisms.
16. Antimicrobial is a substance that kills or inhibits the growth of microorganisms.
17. Antimicrobial is a substance that kills or inhibits the growth of microorganisms.
18. Antimicrobial is a substance that kills or inhibits the growth of microorganisms.
19. Antimicrobial is a substance that kills or inhibits the growth of microorganisms.
20. Antimicrobial is a substance that kills or inhibits the growth of microorganisms.



FACULTY OF PHARMACY

October 2021

Year 2 & 3 Part 2 – compulsory learning assessment, August 2021

Subject: Pharmacovigilance – 1

Time: 3 hours

date: 11/10/21

total marks on questions that you – a. can not question (100%) = 75

ASST – 1/2/2/1 = 10 marks

1. List out the necessary events of a pharmacovigilance system.
2. What are the key components of a pharmacovigilance system?
3. What are the 5 components of a pharmacovigilance system?
4. Classify pharmacovigilance drugs.
5. Name the 4 main components of a pharmacovigilance system.
6. Describe the 4 main components of a pharmacovigilance system.
7. Give any four examples of a pharmacovigilance system with their complications.
8. What are the 4 main components of a pharmacovigilance system?
9. What are the 4 main components of a pharmacovigilance system?
10. What are the 4 main components of a pharmacovigilance system?

100% = 100

100%

1. a) Clearly define the terms 'pharmacovigilance' and 'drug safety' and state the role of the pharmacovigilance system. 1
1. b) Describe the role of a pharmacovigilance system in the management of drug safety. 1
2. a) What are the 4 main components of a pharmacovigilance system? 1
2. b) What are the 4 main components of a pharmacovigilance system? 1
3. a) What are the 4 main components of a pharmacovigilance system? 1
3. b) What are the 4 main components of a pharmacovigilance system? 1
4. a) Explain the role of a pharmacovigilance system in the management of drug safety. 1
4. b) Explain the role of a pharmacovigilance system in the management of drug safety. 1
5. a) Explain the role of a pharmacovigilance system in the management of drug safety. 1
5. b) Explain the role of a pharmacovigilance system in the management of drug safety. 1
6. a) Explain the role of a pharmacovigilance system in the management of drug safety. 1
6. b) Explain the role of a pharmacovigilance system in the management of drug safety. 1
7. a) Explain the role of a pharmacovigilance system in the management of drug safety. 1
7. b) Explain the role of a pharmacovigilance system in the management of drug safety. 1
8. a) Explain the role of a pharmacovigilance system in the management of drug safety. 1
8. b) Explain the role of a pharmacovigilance system in the management of drug safety. 1
9. a) Explain the role of a pharmacovigilance system in the management of drug safety. 1
9. b) Explain the role of a pharmacovigilance system in the management of drug safety. 1
10. a) Explain the role of a pharmacovigilance system in the management of drug safety. 1
10. b) Explain the role of a pharmacovigilance system in the management of drug safety. 1



FACULTY OF PHARMACY

2020-2021

Pharm 205-704 - Pre-Clinical & Basic Pharmacology (2020)

Excluded Pharmacology - 1

Time: 2 hours

Max. Marks: 70

Write answers of questions from Part - A, any Five questions from Part - B.

Part A - 5 (5x5) = 25 marks

1. What is a major pharmacological action of adrenaline?
2. Write down the four layers of peritoneal cavity of abdominal cavity.
3. List the three main types of receptors in the nervous system.
4. Write a short note on the pharmacokinetics of a drug.
5. Write a short note on the pharmacodynamics of a drug.
6. Write a short note on the pharmacokinetics of a drug.
7. Write a short note on the pharmacodynamics of a drug.
8. Write a short note on the pharmacokinetics of a drug.
9. Write a short note on the pharmacodynamics of a drug.
10. Write a short note on the pharmacokinetics of a drug.

Part B - 6 (2x3) = 12 marks

- 11 a. Explain the mechanism of action of a drug. (2)
- b. Explain the mechanism of action of a drug. (2)
- 12 a. Explain the mechanism of action of a drug. (2)
- b. Explain the mechanism of action of a drug. (2)
- 13 Explain the mechanism of action of a drug. (2)
- 14 a. Explain the mechanism of action of a drug. (2)
- b. Explain the mechanism of action of a drug. (2)
- 15 Explain the mechanism of action of a drug. (2)
- 16 a. Explain the mechanism of action of a drug. (2)
- b. Explain the mechanism of action of a drug. (2)
- 17 a. Explain the mechanism of action of a drug. (2)
- b. Explain the mechanism of action of a drug. (2)
- 18 a. Explain the mechanism of action of a drug. (2)
- b. Explain the mechanism of action of a drug. (2)



FACULTY OF PHARMACY

2020-2021

Pharmaceutical Microbiology & Immunology (Semester 1, 2020-2021)

Subject: Pharmaceutical Microbiology & Immunology (Semester 1, 2020-2021)

Time: 2 hours

Maximum Marks: 75

Note: Answer all questions from Part - A, any Five questions from Part - B.

PART - A (50 MARKS)

1. Define the following:
 - a. Sterilization
 - b. Disinfection
 - c. Antisepsis
2. List the different sterilization methods of heat labile liquid and give one example.
3. Define the following:
 - a. Sterilization
 - b. Disinfection
 - c. Antisepsis
4. Define the following:
 - a. Sterilization
 - b. Disinfection
 - c. Antisepsis
5. Define the following:
 - a. Sterilization
 - b. Disinfection
 - c. Antisepsis
6. Define the following:
 - a. Sterilization
 - b. Disinfection
 - c. Antisepsis
7. Define the following:
 - a. Sterilization
 - b. Disinfection
 - c. Antisepsis
8. Define the following:
 - a. Sterilization
 - b. Disinfection
 - c. Antisepsis
9. Define the following:
 - a. Sterilization
 - b. Disinfection
 - c. Antisepsis
10. Define the following:
 - a. Sterilization
 - b. Disinfection
 - c. Antisepsis

PART - B (25 MARKS)

1. Define the following:
 - a. Sterilization
 - b. Disinfection
 - c. Antisepsis
2. Define the following:
 - a. Sterilization
 - b. Disinfection
 - c. Antisepsis
3. Define the following:
 - a. Sterilization
 - b. Disinfection
 - c. Antisepsis
4. Define the following:
 - a. Sterilization
 - b. Disinfection
 - c. Antisepsis
5. Define the following:
 - a. Sterilization
 - b. Disinfection
 - c. Antisepsis
6. Define the following:
 - a. Sterilization
 - b. Disinfection
 - c. Antisepsis
7. Define the following:
 - a. Sterilization
 - b. Disinfection
 - c. Antisepsis
8. Define the following:
 - a. Sterilization
 - b. Disinfection
 - c. Antisepsis
9. Define the following:
 - a. Sterilization
 - b. Disinfection
 - c. Antisepsis
10. Define the following:
 - a. Sterilization
 - b. Disinfection
 - c. Antisepsis



FACULTY OF PHARMACY

123456789

Form 2.16-2021 - Pre-Test & Backup Document (p.11)

Subject: Pharmacokinetics

Time: 1 hour

Max. Marks: 11

Note: answer all questions from Part - A, and five questions from Part - B.
PART - A (10) (10) = 10 marks

Write briefly

1. Pharmacokinetics
2. Clearance
3. Half-life
4. Therapeutic drug monitoring
5. Pharmacokinetics
6. Pharmacokinetics
7. Pharmacokinetics
8. Pharmacokinetics
9. Pharmacokinetics
10. Pharmacokinetics

PART - B (10) (10) = 10 marks

- 11 a) Plot a graph of plasma concentration vs. time.
b) Calculate the area under the curve.
- 12 a) Explain the difference between the two types of pharmacokinetics.
b) Plot a graph of plasma concentration vs. time for each type.
- 13 a) Plot a graph of plasma concentration vs. time for each type.
b) Explain the difference between the two types of pharmacokinetics.
- 14 a) Explain the difference between the two types of pharmacokinetics.
b) Plot a graph of plasma concentration vs. time for each type.
- 15 a) Explain the difference between the two types of pharmacokinetics.
b) Plot a graph of plasma concentration vs. time for each type.
- 16 a) Plot a graph of plasma concentration vs. time for each type.
b) Explain the difference between the two types of pharmacokinetics.
- 17 a) Plot a graph of plasma concentration vs. time for each type.
b) Explain the difference between the two types of pharmacokinetics.
- 18 a) Explain the difference between the two types of pharmacokinetics.
b) Plot a graph of plasma concentration vs. time for each type.



FACULTY OF PHARMACY

Program S2-PhD (i) – Pharmacy & Biotechnology Administration, Jan 2022
Applied Immunology

Subject: BIA

Total 2 marks

Max marks: 10

Write answer on separate sheet and – a – and put question number – 17 – in

TABLE – 1 (0x1 = 10 Marks)

1. Describe the: Hypersensitivity reaction.
2. Write the definition of hypersensitivity.
3. Write the main mechanism of hypersensitivity.
4. Give a mechanism of drug-induced hypersensitivity reaction.
5. Write the allergic effect of a drug molecule.
6. Write the pathophysiology of allergic reaction.
7. Write the allergic reaction induced by drug in hypersensitivity reaction.
8. Write the allergic reaction induced by drug in hypersensitivity reaction.
9. Explain the allergic reaction induced by drug in hypersensitivity reaction.
10. Write the allergic reaction induced by drug in hypersensitivity reaction.

TABLE – 2 (5x2 = 10 Marks)

- I) Write the definition of ITA. (2)
- II) Write the allergic reaction of Type I hypersensitivity. (2)
- III) a) Explain the allergic reaction of Type I hypersensitivity. (2)
b) Explain the allergic reaction of Type I hypersensitivity. (2)
- IV) a) Explain the allergic reaction of Type I hypersensitivity. (2)
b) Explain the allergic reaction of Type I hypersensitivity. (2)
- V) a) Explain the allergic reaction of Type I hypersensitivity. (2)
b) Explain the allergic reaction of Type I hypersensitivity. (2)
- VI) a) Explain the allergic reaction of Type I hypersensitivity. (2)
b) Explain the allergic reaction of Type I hypersensitivity. (2)
- II) Write the allergic reaction of Type I hypersensitivity. (2)
- III) Explain the allergic reaction of Type I hypersensitivity. (2)



FACULTY OF PHARMACY

2020-2021

Pharm 205-7001 - Pharmacy & Biotechnology Department (Phy) - II Subject: Community Pharmacy

Time: 2 hours

Available: 11

Solve seven of questions from Part - A, and five questions from Part - B.
PART - A (5x10 = 50 marks)

1. Calculate the volume of solution
2. Calculate the volume of solution
3. Calculate the volume of solution
4. Calculate the volume of solution
5. Calculate the volume of solution
6. Calculate the volume of solution
7. Calculate the volume of solution
8. Calculate the volume of solution
9. Calculate the volume of solution
10. Calculate the volume of solution

PART - B (5x10 = 50 marks)

11. a) Define the concept of management. Discuss the function of management in a pharmacy.
b) Discuss the role of management in a pharmacy.
12. a) Define the concept of quality. Discuss the role of quality in a pharmacy.
b) Discuss the role of quality in a pharmacy.
13. a) Define the concept of safety. Discuss the role of safety in a pharmacy.
b) Discuss the role of safety in a pharmacy.
14. a) Define the concept of service. Discuss the role of service in a pharmacy.
b) Discuss the role of service in a pharmacy.
15. a) Define the concept of communication. Discuss the role of communication in a pharmacy.
b) Discuss the role of communication in a pharmacy.
16. a) Define the concept of ethics. Discuss the role of ethics in a pharmacy.
b) Discuss the role of ethics in a pharmacy.
17. a) Define the concept of law. Discuss the role of law in a pharmacy.
b) Discuss the role of law in a pharmacy.
18. a) Define the concept of health. Discuss the role of health in a pharmacy.
b) Discuss the role of health in a pharmacy.



FACULTY OF PHARMACY

PHARM 311 July 8-14, 2018, 10:00 AM - 12:00 PM, Room 101

Subject: Pharmacology

Time: 10:00 AM

Max Marks: 75

Exam Location: University of Saskatchewan, Room 101
Address: 101 University Ave, Saskatoon, SK S7N 3N5

Exam - 10:00 AM - 12:00 PM

1. Which of the following is a characteristic of a drug that is a weak acid?
2. Which of the following is a characteristic of a drug that is a weak base?
3. Which of the following is a characteristic of a drug that is a strong acid?
4. Which of the following is a characteristic of a drug that is a strong base?
5. Which of the following is a characteristic of a drug that is a weak acid?
6. Which of the following is a characteristic of a drug that is a weak base?
7. Which of the following is a characteristic of a drug that is a strong acid?
8. Which of the following is a characteristic of a drug that is a strong base?
9. Which of the following is a characteristic of a drug that is a weak acid?
10. Which of the following is a characteristic of a drug that is a weak base?

Exam - 10:00 AM - 12:00 PM

1. Which of the following is a characteristic of a drug that is a weak acid? 10
2. Which of the following is a characteristic of a drug that is a weak base? 10
3. Which of the following is a characteristic of a drug that is a strong acid? 10
4. Which of the following is a characteristic of a drug that is a strong base? 10
5. Which of the following is a characteristic of a drug that is a weak acid? 10
6. Which of the following is a characteristic of a drug that is a weak base? 10
7. Which of the following is a characteristic of a drug that is a strong acid? 10
8. Which of the following is a characteristic of a drug that is a strong base? 10
9. Which of the following is a characteristic of a drug that is a weak acid? 10
10. Which of the following is a characteristic of a drug that is a weak base? 10
11. Which of the following is a characteristic of a drug that is a strong acid? 10
12. Which of the following is a characteristic of a drug that is a strong base? 10
13. Which of the following is a characteristic of a drug that is a weak acid? 10
14. Which of the following is a characteristic of a drug that is a weak base? 10
15. Which of the following is a characteristic of a drug that is a strong acid? 10
16. Which of the following is a characteristic of a drug that is a strong base? 10
17. Which of the following is a characteristic of a drug that is a weak acid? 10
18. Which of the following is a characteristic of a drug that is a weak base? 10
19. Which of the following is a characteristic of a drug that is a strong acid? 10
20. Which of the following is a characteristic of a drug that is a strong base? 10



PHARM 1116-5496MUE
Pharm 1116-5496MUE Distribution: March 2010

Subject: Community Pharmacy

Time: 2 Hours

Max. Marks: 70

Answer any six questions from Part-A, answering five questions from Part-B

Part-A – 6 questions x 10 marks

1. Define ABC and SED.
2. What are the three types of medication?
3. Write the objectives of the following: a) Hospital Pharmacy b) Community Pharmacy
4. Write the drug classes for the following: a) Hypertension b) Diabetes
5. Define the following: a) Drug of Abuse b) Drug of Abuse
6. Define the following: a) Drug of Abuse b) Drug of Abuse
7. Write the importance of drug.
8. Write the drug classes for the following: a) Hypertension b) Diabetes
9. Define the following: a) Drug of Abuse b) Drug of Abuse
10. Define the following: a) Drug of Abuse b) Drug of Abuse

Part-B – 5 questions x 14 marks

11. Write the following: a) Drug of Abuse b) Drug of Abuse
12. Write the following: a) Drug of Abuse b) Drug of Abuse
13. Write the following: a) Drug of Abuse b) Drug of Abuse
14. Write the following: a) Drug of Abuse b) Drug of Abuse
15. Write the following: a) Drug of Abuse b) Drug of Abuse
16. Write the following: a) Drug of Abuse b) Drug of Abuse
17. Write the following: a) Drug of Abuse b) Drug of Abuse
18. Write the following: a) Drug of Abuse b) Drug of Abuse
19. Write the following: a) Drug of Abuse b) Drug of Abuse
20. Write the following: a) Drug of Abuse b) Drug of Abuse



PHARMACY
Pharm 2 & 3C: A Year 2 subject Distribution: March 2010

Subject: Pharmacology

Time: 3 hours

Max. Marks: 70

Answer any 10 questions from Part A, answer any 5 questions from Part B

PART - A (10 x 5 = 50 Marks)

1. What is a agonist? Define the types of antagonism with examples
2. What are the pharmacokinetic? Give examples
3. Name and explain each of the pharmacokinetic and the pharmacodynamic parameters
4. What is Pharmacokinetic dosing? Define its importance
5. What are the pharmacokinetic functions? Define the mechanism of the liver
6. What are "Receptor" and "Enzyme"?
7. Give briefly on "Antidotes" drugs
8. What is "Pharmacogenetics"? Define its importance
9. Define the mechanism of action of "Respiratory" and "Central" agents
10. Write the role of "Respiratory" and "Central" agents in "Respiratory".

PART - B (5 x 14 = 70 Marks)

11. Describe the mechanism of action of "Antidotes" drugs
12. Describe the mechanism of action of "Antidotes" drugs
13. (a) Define "Antidotes" drugs (b) Give the mechanism of action of "Antidotes" drugs
14. (a) Define "Antidotes" drugs (b) Give the mechanism of action of "Antidotes" drugs
15. Define "Antidotes" drugs (b) Give the mechanism of action of "Antidotes" drugs
16. Define "Antidotes" drugs (b) Give the mechanism of action of "Antidotes" drugs
17. Define "Antidotes" drugs (b) Give the mechanism of action of "Antidotes" drugs
18. Define "Antidotes" drugs (b) Give the mechanism of action of "Antidotes" drugs
19. Define "Antidotes" drugs (b) Give the mechanism of action of "Antidotes" drugs
20. Define "Antidotes" drugs (b) Give the mechanism of action of "Antidotes" drugs



PHARMACY
Pharm.D. (C) & Postgraduate Certificate (Ph.D.)

Applied Pharmacology and Therapeutics

Time: 3 hours

Max. Marks: 70

Answer any six questions from Part-A. Answer any two questions from Part-B.

PART - A (6 questions)

1. Define features of Pharmacology. (3 marks)
2. List at least two pharmacological actions of each category. (2 marks)
3. Give examples of anti-infectives. (2 marks)
4. Explain the cell wall synthesis. (2 marks)
5. List two essential growth requirements of cancer. (2 marks)
6. Explain the biological structure of cancer. (2 marks)
7. Write about:
 - (a) Type I hypersensitivity
 - (b) Cell-mediated
8. Define an off-target reaction and give an example. (2 marks)
9. What are the important products? Give an example. (2 marks)
10. Write the biological structure and chemical structure of insulin. (2 marks)

PART - B (2 questions)

11. Explain the mechanism of action of a drug and its effect on the body and give an example. (10 marks)
12. (a) Give an example of a pharmacological action. (2 marks)
 (b) Give an example of a pharmacological action. (2 marks)
13. (a) Give an example of a pharmacological action. (2 marks)
 (b) Give an example of a pharmacological action. (2 marks)
14. (a) Give an example of a pharmacological action. (2 marks)
 (b) Give an example of a pharmacological action. (2 marks)
15. (a) Give an example of a pharmacological action. (2 marks)
 (b) Give an example of a pharmacological action. (2 marks)
16. (a) Give an example of a pharmacological action. (2 marks)
 (b) Give an example of a pharmacological action. (2 marks)
17. (a) Give an example of a pharmacological action. (2 marks)
 (b) Give an example of a pharmacological action. (2 marks)
18. (a) Give an example of a pharmacological action. (2 marks)
 (b) Give an example of a pharmacological action. (2 marks)
19. (a) Give an example of a pharmacological action. (2 marks)
 (b) Give an example of a pharmacological action. (2 marks)
20. (a) Give an example of a pharmacological action. (2 marks)
 (b) Give an example of a pharmacological action. (2 marks)



PHILIPPIAN PHARMACY

Form D-5 (2020) New Subjects Distribution Sheet 2020

Subject: Pharmaceutical Microbiology

Form D-5 Sheet

Max. Marks: 70

Marking scheme of questions from Part-A, according to respective marks Part-B

PART - A (10 x 10 = 100 marks)

1. Antiseptics
2. Antimicrobials
3. Importance of aseptic technique
4. Microbial contamination in pharmaceuticals
5. Sterilization
6. Sterility testing
7. Types of microorganisms
8. Microbiological quality control
9. Drug
10. Vaccine

PART - B (10 x 10 = 100 marks)

11. a. Discuss about the various types of antimicrobial agents. (10)
b. Write a note on the various types of antimicrobial agents. (10)
12. a. Discuss the various types of antimicrobial agents. (10)
b. Discuss the various types of antimicrobial agents. (10)
13. a. Discuss the various types of antimicrobial agents. (10)
b. Discuss the various types of antimicrobial agents. (10)
14. a. Discuss the various types of antimicrobial agents. (10)
b. Discuss the various types of antimicrobial agents. (10)
15. a. Discuss the various types of antimicrobial agents. (10)
b. Discuss the various types of antimicrobial agents. (10)
16. a. Discuss the various types of antimicrobial agents. (10)
b. Discuss the various types of antimicrobial agents. (10)
17. a. Discuss the various types of antimicrobial agents. (10)
b. Discuss the various types of antimicrobial agents. (10)
18. a. Discuss the various types of antimicrobial agents. (10)
b. Discuss the various types of antimicrobial agents. (10)



PROBATIONARY OFFICER
Post-35 (C) & Post-36 (C) Distribution: Rank 110

Subject: Public Administration - I

Time: 1 hour

Max. Marks: 50

Marking scheme of questions from Part - A, according to respective Post-35

Q.1 - 4 (10 x 5 = 50 marks)

1. Write any TWO (2) advantages of short service commission.
2. What are the major tasks of a manager?
3. What are the major functions of a manager?
4. What are the major tasks of a manager in a business organisation?
5. How does the public administration of India differ from that of the West?
6. What are the major tasks of a manager in a business organisation?
7. What are the major tasks of a manager in a business organisation?
8. What are the major tasks of a manager in a business organisation?
9. What are the major tasks of a manager in a business organisation?
10. What are the major tasks of a manager in a business organisation?

Q.1 - 5 (5 x 10 = 50 marks)

11. (a) Write short notes on the following: (10 marks)
 - (i) Public administration
 - (ii) Public administration in India
12. (a) Write short notes on the following: (10 marks)
 - (i) Public administration in India
 - (ii) Public administration in India
13. (a) Write short notes on the following: (10 marks)
 - (i) Public administration in India
 - (ii) Public administration in India
14. (a) Write short notes on the following: (10 marks)
 - (i) Public administration in India
 - (ii) Public administration in India
15. (a) Write short notes on the following: (10 marks)
 - (i) Public administration in India
 - (ii) Public administration in India
16. (a) Write short notes on the following: (10 marks)
 - (i) Public administration in India
 - (ii) Public administration in India
17. (a) Write short notes on the following: (10 marks)
 - (i) Public administration in India
 - (ii) Public administration in India
18. (a) Write short notes on the following: (10 marks)
 - (i) Public administration in India
 - (ii) Public administration in India
19. (a) Write short notes on the following: (10 marks)
 - (i) Public administration in India
 - (ii) Public administration in India
20. (a) Write short notes on the following: (10 marks)
 - (i) Public administration in India
 - (ii) Public administration in India



2020-21

PHARMACY
Pharm. D & V.D.C. 1st Year Mid-Semester Exam July 2021

Subject: Pharmacology and Pharmacokinetics

Time: 1.5 Hours

Max. Marks: 75

Note: Answer all questions from Part - I and answer any five questions from Part - II.

Part - I - 4 parts x 10 marks

1. What is a drug? Give its classification with examples.
2. Name four types of oral dosage forms.
3. Tabulate the following: (a) Routes of Drug Administration
4. Name the two primary routes of administration of drugs with their examples.
5. Explain the term 'pharmacokinetics' in relation to drugs.
6. Explain the term 'pharmacodynamics' in relation to drugs.
7. Define and classify drugs with examples.
8. Define and classify drugs with examples.
9. Define and classify drugs with examples.
10. Define and classify drugs with examples.

Part - II - 5 parts x 15 marks

11. (a) What are the different routes of drug administration? Name any two and give their chemical classification with examples.
(b) Explain the absorption of drugs with examples.
12. (a) Define and classify the different methods of administration of drugs with examples. Mention the advantages and disadvantages.
(b) Discuss the pharmacokinetics of drugs.
13. (a) Explain the term 'pharmacokinetics' in relation to drugs. Mention the advantages and disadvantages.
(b) Explain the pharmacodynamics of drugs.
14. (a) Define and classify the different methods of administration of drugs with examples.
(b) Explain the pharmacokinetics of drugs.
15. (a) Define and classify the different methods of administration of drugs with examples.
(b) Explain the pharmacokinetics of drugs.
16. (a) Define and classify the different methods of administration of drugs with examples.
(b) Explain the pharmacokinetics of drugs.
17. (a) Define and classify the different methods of administration of drugs with examples.
(b) Explain the pharmacokinetics of drugs.
18. (a) Define and classify the different methods of administration of drugs with examples.
(b) Explain the pharmacokinetics of drugs.
19. (a) Define and classify the different methods of administration of drugs with examples.
(b) Explain the pharmacokinetics of drugs.
20. (a) Define and classify the different methods of administration of drugs with examples.
(b) Explain the pharmacokinetics of drugs.



2020-2021

PHIL 1114 PHARMACY
Exam 3 & VDC Open Mini-Examination July 2021

Subject: Pharmaceutical Microbiology

Time: 3 hours

Max. Marks: 75

Note: Answer all questions from Part 1 and answer any five questions from Part 2.

Part 1 – 4 (10 x 5 = 40 marks)

1. What is a fungi?
2. Name fungal phyla.
3. Define fungi and mycelium.
4. What is medical mycology?
5. Importance of Microbiology.
6. What is a bioactive agent?
7. Define Indole.
8. Name some antibiotic modes.
9. Write the significance of PCR.
10. What are T-delta?

Part 2 – 5 (5 x 10 = 50 marks)

11. a. Discuss the appropriate microbes in industrial microbiology.
 b. Name a few industries you study in microbiology and their products.
12. a. Describe the general classification of bacteria.
 b. Name a few bacteria.
13. a. Discuss the various methods for isolation of bacteria.
 b. Name a few media used during any specific microbiological technique.
14. a. Discuss various methods of identification in microbiological processes.
 b. Name a few cases where identification is done.
15. a. What are disinfectants? Give four different classes of disinfectants with examples.
 b. Give an ideal Disinfectant. Why not?
16. a. Describe formally named media and their uses.
 b. Give an alternative media and its use.
17. a. Name a few common diseases of antibiotic.
 b. Name a few antibiotics. Give an example of its mechanism of action.
18. a. Describe in brief antibiotic resistance.
 b. Give an ideal antibiotic in antibiotic treatment. Give its mechanism.



PHARMACY
Pharm.D (Hons) (Pharm.)

Pharm.D (Hons) (Pharm.)

Pharm.D (Hons) (Pharm.)

Pharm.D (Hons) (Pharm.)

Pharm.D (Hons) (Pharm.)

Pharm.D (Hons) (Pharm.)

1. Explain the mechanism of action of the drug.
2. Describe the pharmacokinetics of the drug.
3. Explain the pharmacodynamics of the drug.
4. Explain the mechanism of action of the drug.
5. Explain the pharmacokinetics of the drug.
6. Explain the pharmacodynamics of the drug.
7. Explain the mechanism of action of the drug.
8. Explain the pharmacokinetics of the drug.
9. Explain the pharmacodynamics of the drug.
10. Explain the mechanism of action of the drug.

Pharm.D (Hons) (Pharm.)

11. Explain the mechanism of action of the drug.
12. Describe the pharmacokinetics of the drug.
13. Explain the mechanism of action of the drug.
14. Explain the pharmacokinetics of the drug.
15. Explain the pharmacodynamics of the drug.
16. Explain the mechanism of action of the drug.
17. Explain the pharmacokinetics of the drug.
18. Explain the pharmacodynamics of the drug.
19. Explain the mechanism of action of the drug.
20. Explain the pharmacokinetics of the drug.
21. Explain the pharmacodynamics of the drug.
22. Explain the mechanism of action of the drug.
23. Explain the pharmacokinetics of the drug.
24. Explain the pharmacodynamics of the drug.
25. Explain the mechanism of action of the drug.
26. Explain the pharmacokinetics of the drug.
27. Explain the pharmacodynamics of the drug.
28. Explain the mechanism of action of the drug.
29. Explain the pharmacokinetics of the drug.
30. Explain the pharmacodynamics of the drug.



1100-00-2004

PACIFIC EXAMINER
Exam. 3 & VDC Exam Mini-Question July 2017

Subject: Pathophysiology

Time: 1.5 hours

Max. Marks: 50

Note: Answer all questions from Part 1 and answer any five questions from Part 2.

PART - 1 (10 x 5 = 50 Marks)

1. Define the term: Metastasis and its description.
2. List the different types of primary tumours.
3. Define a metastatic tumour.
4. How do the host response and tumour?
5. Describe the relationship of tumour pathology and host response.
6. Define the clinical manifestations of tumour cells.
7. How does tumour metastasis occur?
8. Describe the mechanism of tumour metastasis.
9. Define the biology of tumour cells.
10. What are the signs of tumour?

PART - 2 (5 x 10 = 50 Marks)

11. Describe the management of tumour metastasis.
12. Explain the process of tumour metastasis.
13. a) Define the term: tumour.
 b) Define the term: tumour metastasis.
14. a) Describe the "tumour metastasis" and its pathogenesis.
 b) Explain the process of tumour metastasis.
15. Define the term: tumour metastasis.
16. a) Define the term: tumour metastasis.
 b) Explain the process of tumour metastasis.
17. a) Define the term: tumour metastasis.
 b) Explain the process of tumour metastasis.
18. Define the term: tumour metastasis.



FACULTY OF PHARMACY

Page No. 11/11

Subject 3 - T1014 - Pharmacokinetics of Drugs, August 2014

Subject: Pharmacokinetics

Time: 3 Hours

Max. Marks: 75

Write answers for questions from Part - A, and select any three questions from Part - B

Part - A (100% of Marks)

1. Calculate the elimination half-life of a drug.
2. Explain the effect of age on drug pharmacokinetics.
3. Define the term: Pharmacokinetics.
4. Explain the difference between first-order and zero-order elimination.
5. Explain the difference between first-order and zero-order elimination.
6. Explain the difference between first-order and zero-order elimination.
7. Explain the difference between first-order and zero-order elimination.
8. Explain the difference between first-order and zero-order elimination.
9. Explain the difference between first-order and zero-order elimination.
10. Explain the difference between first-order and zero-order elimination.

Part - B (25% of Marks)

- | | |
|---|----|
| 11. Explain the pharmacokinetics of drugs. | 10 |
| 12. a. Explain the pharmacokinetics of drugs. b. Explain the pharmacokinetics of drugs. | 1 |
| 13. a. Explain the pharmacokinetics of drugs. b. Explain the pharmacokinetics of drugs. | 1 |
| 14. a. Explain the pharmacokinetics of drugs. b. Explain the pharmacokinetics of drugs. | 1 |
| 15. a. Explain the pharmacokinetics of drugs. b. Explain the pharmacokinetics of drugs. | 1 |
| 16. a. Explain the pharmacokinetics of drugs. b. Explain the pharmacokinetics of drugs. | 1 |
| 17. a. Explain the pharmacokinetics of drugs. b. Explain the pharmacokinetics of drugs. | 1 |
| 18. a. Explain the pharmacokinetics of drugs. b. Explain the pharmacokinetics of drugs. | 1 |
| 19. a. Explain the pharmacokinetics of drugs. b. Explain the pharmacokinetics of drugs. | 1 |
| 20. a. Explain the pharmacokinetics of drugs. b. Explain the pharmacokinetics of drugs. | 1 |



INSTITUTION OF PHARMACY

Exam 2 (1 Year HNC) (Part 2 Reading) Distribution August 11/12

Subject: Community Pharmacy

Time: 1 hour

Max. Marks: 70

Note: Answer all questions from Part 1 and answer any five questions from Part 2.

Part 1 – 4 parts = 40 marks

1. Define NABP.
2. Define T.C. intervention.
3. Define Clinical Care.
4. List the most common presentation.
5. Define clinical monitoring.
6. Define clinical monitoring.
7. List the factors to be considered during selection of appropriate site for community pharmacy.
8. List the importance of doing exit survey.
9. List the advantages of pharmacy control.
10. List the advantages of AOB and T. group.

Part 2 – 3 parts = 30 marks

11. List the factors to be considered for the selection of a pharmacy for the provision of:
(a) Take home service. (10 marks)
12. List the factors to be considered for the selection of a pharmacy for the provision of:
(a) Take home service. (10 marks)
13. List the factors to be considered for the selection of a pharmacy for the provision of:
(a) Take home service. (10 marks)
14. List the factors to be considered for the selection of a pharmacy for the provision of:
(a) Take home service. (10 marks)
15. List the factors to be considered for the selection of a pharmacy for the provision of:
(a) Take home service. (10 marks)
16. List the factors to be considered for the selection of a pharmacy for the provision of:
(a) Take home service. (10 marks)
17. List the factors to be considered for the selection of a pharmacy for the provision of:
(a) Take home service. (10 marks)
18. List the factors to be considered for the selection of a pharmacy for the provision of:
(a) Take home service. (10 marks)
19. List the factors to be considered for the selection of a pharmacy for the provision of:
(a) Take home service. (10 marks)
20. List the factors to be considered for the selection of a pharmacy for the provision of:
(a) Take home service. (10 marks)



FACULTY OF PHARMACY

School of Pharmacy – Pharmacy Curriculum Department

Vaccinology – I

Time: 3 hours

Maximum: 75

Write answers to questions from Part – A, answer any five questions from Part – B.

Part – A (100 marks)

1. What is the WHO's definition of vaccine and vaccination?
2. Give an example for vaccine.
3. What is the ethical principle of vaccine trial?
4. Give three diseases with vaccine.
5. Give the stages of vaccine trial.
6. What are the factors of vaccine effectiveness?
7. Give the epidemiologic characteristics of vaccine.
8. What are the reasons of vaccine failure and non-response?
9. What is a "natural history"?
10. What is the pharmacology of vaccine?

Part – B (50 marks)

Essay

- | | |
|---|----|
| 11. Discuss the concept of passive immunity. What are the characteristics of a passive vaccine? | 10 |
| 12. a) Explain vaccine efficacy and effectiveness. b) Define vaccine efficacy and effectiveness. | 10 |
| 13. a) Define the meaning of epidemiological evidence. b) Give three criteria for vaccine acceptance. | 10 |
| 14. a) What are the epidemiology of measles? b) What are the epidemiology of pertussis? | 10 |
| 15. a) Classify the epidemiology of measles. b) What are the epidemiology of pertussis? | 10 |
| 16. a) Classify passive and active immunity. b) Give the mechanism of passive immunity. | 10 |
| 17. a) Define vaccine efficacy and effectiveness. b) Give the epidemiology of measles. | 10 |
| 18. a) Define the efficacy of vaccine. b) Give the efficacy and effectiveness of measles vaccine. | 10 |



INDUSTRY EXAMINER

COOKING, B.I.E

Room, E-9, 1st Floor, BTDC, 1st & 2nd Stage, 1st Cross, 1st Stage, BTDC
Bangalore - 560002

10th April 2020

Respected Sir/Madam, I am writing to you regarding the examination of the

PART - A (10 Marks)

1. Define the term

(a) Cookery (b) Nutrition

2. Give the different types of nutrients and their functions.

3. Give the different types of nutrients and their functions.

4. Give the different types of nutrients and their functions.

5. Give the different types of nutrients and their functions.

6. Give the different types of nutrients and their functions.

7. Give the different types of nutrients and their functions.

8. Give the different types of nutrients and their functions.

9. Give the different types of nutrients and their functions.

10. Give the different types of nutrients and their functions.

PART - B (10 Marks)

1. a) Give the different types of nutrients and their functions.

10

(b) Give the different types of nutrients and their functions.

10

2. a) Give the different types of nutrients and their functions.

10

(b) Give the different types of nutrients and their functions.

10

3. a) Give the different types of nutrients and their functions.

10

4. a) Give the different types of nutrients and their functions.

10

5. a) Give the different types of nutrients and their functions.

10

(b) Give the different types of nutrients and their functions.

10

6. a) Give the different types of nutrients and their functions.

10

(b) Give the different types of nutrients and their functions.

10

7. a) Give the different types of nutrients and their functions.

10

(b) Give the different types of nutrients and their functions.

10

8. a) Give the different types of nutrients and their functions.

10

(b) Give the different types of nutrients and their functions.

10

9. a) Give the different types of nutrients and their functions.

10

(b) Give the different types of nutrients and their functions.

10



INQUIRY OF PLACEMENT

Form 2 (Year 1001) (Note & Reading) Distribution: August 10, 10

Subject: Pharmacology (Pharmacology)

Max. Marks: 70

Time: 1 hour

Note: Answer all questions from Part I and answer any five questions from Part II.

-Part I - 6 (1001) (1001)

1. What is a pharmacology?
2. Define Pharmacokinetics and Pharmacodynamics.
3. What is a pharmacokinetic parameter?
4. What is a pharmacodynamic parameter?
5. What is a pharmacokinetic parameter?
6. What is a pharmacodynamic parameter?
7. What is a pharmacokinetic parameter?
8. What is a pharmacodynamic parameter?
9. What is a pharmacokinetic parameter?
10. What is a pharmacodynamic parameter?

-Part II - 6 (1001) (1001)

11. a. Define the following and give examples of each:
 - (i) Define the importance of pharmacokinetics in pharmacology.
12. a. Define the following and give examples of each:
 - (i) Define the importance of pharmacodynamics in pharmacology.
13. a. Define the following and give examples of each:
 - (i) Define the importance of pharmacokinetics in pharmacology.
14. a. Define the following and give examples of each:
 - (i) Define the importance of pharmacodynamics in pharmacology.
15. a. Define the following and give examples of each:
 - (i) Define the importance of pharmacokinetics in pharmacology.
16. a. Define the following and give examples of each:
 - (i) Define the importance of pharmacodynamics in pharmacology.
17. a. Define the following and give examples of each:
 - (i) Define the importance of pharmacokinetics in pharmacology.
18. a. Define the following and give examples of each:
 - (i) Define the importance of pharmacodynamics in pharmacology.
19. a. Define the following and give examples of each:
 - (i) Define the importance of pharmacokinetics in pharmacology.
20. a. Define the following and give examples of each:
 - (i) Define the importance of pharmacodynamics in pharmacology.



FACULTY OF PHARMACY

Department of Pharmaceutics & Quality Assurance, August 2024

Subject: Pharmaceutics (001) - I

Date: 01/08/2024

Page: 001 of 01

Note: Answer all questions from Part - I and answer any three questions from Part - II.

PART - I (30 x 10 = 300 Marks)

1. Define a 20% suspension. (2)
2. Define the role of suspending medium. (2)
3. Define stability study. (2)
4. Define an emulsion. (2)
5. What is the primary role of a suspension? (2)
6. Define the term "suspension". (2)
7. Define the term "suspension". (2)
8. Define the term "suspension". (2)
9. Define the term "suspension". (2)
10. Define the term "suspension". (2)
11. Define the term "suspension". (2)
12. Define the term "suspension". (2)
13. Define the term "suspension". (2)
14. Define the term "suspension". (2)
15. Define the term "suspension". (2)
16. Define the term "suspension". (2)
17. Define the term "suspension". (2)
18. Define the term "suspension". (2)
19. Define the term "suspension". (2)
20. Define the term "suspension". (2)

PART - II (5 x 10 = 50 Marks)

1. Define a suspension. (2)
2. Define a suspension. (2)
3. Define a suspension. (2)
4. Define a suspension. (2)
5. Define a suspension. (2)
6. Define a suspension. (2)
7. Define a suspension. (2)
8. Define a suspension. (2)
9. Define a suspension. (2)
10. Define a suspension. (2)
11. Define a suspension. (2)
12. Define a suspension. (2)
13. Define a suspension. (2)
14. Define a suspension. (2)
15. Define a suspension. (2)
16. Define a suspension. (2)
17. Define a suspension. (2)
18. Define a suspension. (2)
19. Define a suspension. (2)
20. Define a suspension. (2)



PAC 11105-24-00042/P

Exam 1, 2 - Fall Semester, December, January 2014

Subject: Pathophysiology

Time: 1 hour

Date: March 11

Name: _____
Answer all questions that relate to the study of the
association of the 2.

Part 1 - 2 (1-10) - 10 items

- | | |
|---|----|
| 1. Define the term pathophysiology and its meaning. | 10 |
| 2. Define the term pathophysiology. | 10 |
| 3. Define the term pathophysiology. | 10 |
| 4. Define the term pathophysiology. | 10 |
| 5. Define the term pathophysiology. | 10 |
| 6. Define the term pathophysiology. | 10 |
| 7. Define the term pathophysiology. | 10 |
| 8. Define the term pathophysiology. | 10 |
| 9. Define the term pathophysiology. | 10 |
| 10. Define the term pathophysiology. | 10 |

Part 2 - 2 (1-10) - 10 items

- | | |
|--|----|
| 11. Explain the term pathophysiology. | 10 |
| 12. a. Explain the term pathophysiology. | 10 |
| b. Explain the term pathophysiology. | 10 |
| 13. a. Explain the term pathophysiology. | 10 |
| b. Explain the term pathophysiology. | 10 |
| 14. a. Explain the term pathophysiology. | 10 |
| b. Explain the term pathophysiology. | 10 |
| 15. a. Explain the term pathophysiology. | 10 |
| b. Explain the term pathophysiology. | 10 |
| 16. Explain the term pathophysiology. | 10 |
| 17. a. Explain the term pathophysiology. | 10 |
| b. Explain the term pathophysiology. | 10 |
| 18. a. Explain the term pathophysiology. | 10 |
| b. Explain the term pathophysiology. | 10 |



FACULTY OF PHARMACY

Module 3 – Oral problems (Continuation, January 2014)

(20 marks) (20 minutes) (March 2014)

Time: 1 hour

Max. Marks: 20

Write answers to questions and parts of questions in the spaces provided.

Mark – 4 (0.4) (10 marks)

1. Define community pharmacy. 1
2. Define community pharmacist. 1
3. Define pharmaceutical law in the context of a pharmacist. 1
4. Write the reasons to register for a public health pharmacist. 1
5. Write the designations in the register. 1
6. Explain what a community pharmacist is. 1
7. Define 'OTC' medicines. List at least two examples. 1
8. Define safety stock. 1
9. Define what is a health promotion. 1
10. Write the composition of a health team. 1

Mark – 2 (0.2) (6 marks)

11. Write the role and responsibilities of a community pharmacist. 2
12. Discuss the role of a pharmacist in the following situations: a) a patient with a chronic condition. 2
13. Write the responsibilities of a pharmacist in the following situations: a) a patient with a chronic condition. 2
14. Define pharmaceutical education. Write the role of a pharmacist in providing the education. 2
15. Explain the following: a) a patient with a chronic condition. 1
16. Write the role of a pharmacist in the following situations: a) a patient with a chronic condition. 1
17. Write the role of a pharmacist in the following situations: a) a patient with a chronic condition. 1
18. Write the role of a pharmacist in the following situations: a) a patient with a chronic condition. 1
19. Write the role of a pharmacist in the following situations: a) a patient with a chronic condition. 1
20. Write the role of a pharmacist in the following situations: a) a patient with a chronic condition. 1



FACULTY OF NURSING

Exam 3 / Final Exam / Examination January 2014

Subject Pharmacology - I

Time: 1 hour

Ex. Name: _____

Write answers to questions and state 1 answer in the column for each.

MARKS: 40 (10 x 4) (20 MARKS)

1. Define the terms: tachycardia and bradycardia. 2
2. Write a prescription for insulin. 1
3. Give a route of insulin therapy. 1
4. What is a side response? 1
5. Write about the risk of complications of insulin. 1
6. Give the advantages of insulin administration via pen and syringe. 1
7. Give an indication for insulin therapy. 1
8. Write a side effect of insulin therapy. 1
9. Define tachycardia and write the mechanism of action of digoxin. 2
10. Define tachycardia. 1

MARKS: 20 (5 x 4)

11. (a) Write a prescription for insulin therapy. 1
(b) Write a side effect of insulin therapy. 1
12. (a) Write a prescription for insulin therapy. 1
(b) Write a side effect of insulin therapy. 1
13. (a) Write a prescription for insulin therapy. 1
(b) Write a side effect of insulin therapy. 1
14. (a) Write a prescription for insulin therapy. 1
(b) Write a side effect of insulin therapy. 1
15. (a) Write a prescription for insulin therapy. 1
(b) Write a side effect of insulin therapy. 1
16. (a) Write a prescription for insulin therapy. 1
(b) Write a side effect of insulin therapy. 1
17. (a) Write a prescription for insulin therapy. 1
(b) Write a side effect of insulin therapy. 1
18. (a) Write a prescription for insulin therapy. 1
(b) Write a side effect of insulin therapy. 1
19. (a) Write a prescription for insulin therapy. 1
(b) Write a side effect of insulin therapy. 1
20. (a) Write a prescription for insulin therapy. 1
(b) Write a side effect of insulin therapy. 1



FACULTY OF NURSING

Module 3 - Fluid balance & elimination January 2021

Subject: Human anatomy and Physiology module

Time: 1 hour

Module No. N

Write answer to questions and select 1 answer in your answer form for all

Q1 - a p x 10 = 10 marks

1. Explain the terms:
 - (a) Osmolarity/osmolality - (6) 6 marks
2. Define a Dehydrated / Fluid overload
3. Define a malnourished / aspect of dehydration
4. Explain the difference between fluid overload and dehydration
5. Define 'Osmolarity' / Osmolality examples
6. Osmolality is usually higher than osmolarity
7. How is osmolarity / osmolality related?
8. Why is it not recommended to use for patients
9. Why is it not recommended to use for patients
10. 'Osmolality'

Q2 - 10 marks

11. a. Explain the role of the hypothalamus in fluid balance 10
 - (a) Explain the role of the hypothalamus in fluid balance 10
12. a. Explain the role of the hypothalamus in fluid balance 10
 - (a) Explain the role of the hypothalamus in fluid balance 10
13. a. Explain the role of the hypothalamus in fluid balance 10
 - (a) Explain the role of the hypothalamus in fluid balance 10
14. a. Explain the role of the hypothalamus in fluid balance 10
 - (a) Explain the role of the hypothalamus in fluid balance 10
15. a. Explain the role of the hypothalamus in fluid balance 10
 - (a) Explain the role of the hypothalamus in fluid balance 10
16. a. Explain the role of the hypothalamus in fluid balance 10
 - (a) Explain the role of the hypothalamus in fluid balance 10
17. a. Explain the role of the hypothalamus in fluid balance 10
 - (a) Explain the role of the hypothalamus in fluid balance 10
18. a. Explain the role of the hypothalamus in fluid balance 10
 - (a) Explain the role of the hypothalamus in fluid balance 10



FACULTY OF SCIENCE

Exam S. 6 - Year 6 exam Duration: 1 hour 15 min

Subject: Fluorescence Spectroscopy

Time: 1 hour

Max Marks: 50

Exam Instructions: Answer the 4 questions (10 questions) in 1 hour 15 min.
Good Luck

S. 6 - 2023/24 (11/12)

Questions

- | | |
|--|----|
| 1. Describe the principle of fluorescence spectroscopy. | 10 |
| 2. Explain the difference between fluorescence and phosphorescence. | 10 |
| 3. Describe the principle of fluorescence spectroscopy. | 10 |
| 4. Explain the difference between fluorescence and phosphorescence. | 10 |
| 5. Describe the principle of fluorescence spectroscopy. | 10 |
| 6. Explain the difference between fluorescence and phosphorescence. | 10 |
| 7. Describe the principle of fluorescence spectroscopy. | 10 |
| 8. Explain the difference between fluorescence and phosphorescence. | 10 |
| 9. Describe the principle of fluorescence spectroscopy. | 10 |
| 10. Explain the difference between fluorescence and phosphorescence. | 10 |

S. 6 - 2023/24 (11/12)

- | | |
|---|----|
| 11. a) Describe the principle of fluorescence spectroscopy. | 10 |
| b) Explain the difference between fluorescence and phosphorescence. | 10 |
| 12. a) Describe the principle of fluorescence spectroscopy. | 10 |
| b) Explain the difference between fluorescence and phosphorescence. | 10 |
| 13. a) Describe the principle of fluorescence spectroscopy. | 10 |
| b) Explain the difference between fluorescence and phosphorescence. | 10 |
| 14. a) Describe the principle of fluorescence spectroscopy. | 10 |
| b) Explain the difference between fluorescence and phosphorescence. | 10 |
| 15. a) Describe the principle of fluorescence spectroscopy. | 10 |
| b) Explain the difference between fluorescence and phosphorescence. | 10 |
| 16. a) Describe the principle of fluorescence spectroscopy. | 10 |
| b) Explain the difference between fluorescence and phosphorescence. | 10 |
| 17. a) Describe the principle of fluorescence spectroscopy. | 10 |
| b) Explain the difference between fluorescence and phosphorescence. | 10 |
| 18. a) Describe the principle of fluorescence spectroscopy. | 10 |
| b) Explain the difference between fluorescence and phosphorescence. | 10 |
| 19. a) Describe the principle of fluorescence spectroscopy. | 10 |
| b) Explain the difference between fluorescence and phosphorescence. | 10 |
| 20. a) Describe the principle of fluorescence spectroscopy. | 10 |
| b) Explain the difference between fluorescence and phosphorescence. | 10 |



FACULTY OF PHARMACY

Pharm 03 - Pharmacist Examination January 2019

Subject: Pharmacokinetics (1)

Time: 1 hour

Max. Marks: 10

Name: _____

Roll No. _____

Date: _____

1. Define bioavailability.
2. Write the two important parameters for describing a drug's pharmacokinetics.
3. Write down the two important pharmacokinetic parameters.
4. Explain the application of pharmacokinetics in drug therapy.
5. Define and write the sources of drug metabolism.
6. Write a Department of Pharmacokinetics and its role in drug therapy.
7. Write a short note on drug metabolism.
8. Write a short note on pharmacokinetics and its role in drug therapy.
9. Write a short note on pharmacokinetics and its role in drug therapy.

Pharm 03 (1) - 2019

10. a) Define the following terms: pharmacokinetics, pharmacodynamics.
b) Explain the role of pharmacokinetics in drug therapy. (10)
11. a) Define the following terms: pharmacokinetics, pharmacodynamics.
b) Explain the role of pharmacokinetics in drug therapy. (10)
12. a) Define the following terms: pharmacokinetics, pharmacodynamics.
b) Explain the role of pharmacokinetics in drug therapy. (10)
13. a) Define the following terms: pharmacokinetics, pharmacodynamics.
b) Explain the role of pharmacokinetics in drug therapy. (10)
14. a) Define the following terms: pharmacokinetics, pharmacodynamics.
b) Explain the role of pharmacokinetics in drug therapy. (10)
15. a) Define the following terms: pharmacokinetics, pharmacodynamics.
b) Explain the role of pharmacokinetics in drug therapy. (10)
16. a) Define the following terms: pharmacokinetics, pharmacodynamics.
b) Explain the role of pharmacokinetics in drug therapy. (10)
17. a) Define the following terms: pharmacokinetics, pharmacodynamics.
b) Explain the role of pharmacokinetics in drug therapy. (10)
18. a) Define the following terms: pharmacokinetics, pharmacodynamics.
b) Explain the role of pharmacokinetics in drug therapy. (10)
19. a) Define the following terms: pharmacokinetics, pharmacodynamics.
b) Explain the role of pharmacokinetics in drug therapy. (10)
20. a) Define the following terms: pharmacokinetics, pharmacodynamics.
b) Explain the role of pharmacokinetics in drug therapy. (10)