

Handwritten signature



1400-24-1784

FACULTY OF PHARMACY

Room 200003 - Hospital for the Blind, Baghdad, Iraq 100

Name: Muhammad Ali Hassan

Matr. No.:

Matr. No.:

Page: 4

Part 1: Answer the questions

(1 x 10 = 10 marks)

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

Part 2: Answer the questions

(1 x 10 = 10 marks)

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



JEDU-0159

FACULTY OF EDUCATION

Department of English Language & Literature
English Education

Date / Page

Page No. 11

PART - A

Write short answers to the following:

(10 x 10 = 100 Marks)

1. Define the term 'literature'.
2. What is the purpose of literature?
3. What is the difference between literature and art?
4. Define the term 'literary criticism'.
5. What is the role of the critic?
6. What is the role of the reader?
7. What is the role of the writer?
8. What is the role of the publisher?
9. What is the role of the bookseller?
10. What is the role of the library?

Write short answers to the following:

(10 x 10 = 100 Marks)

1. What is the difference between literature and art?
2. What is the purpose of literature?
3. What is the difference between literature and art?
4. Define the term 'literary criticism'.
5. What is the role of the critic?
6. What is the role of the reader?
7. What is the role of the writer?
8. What is the role of the publisher?
9. What is the role of the bookseller?
10. What is the role of the library?



Page 2 of 2

FACULTY OF PHARMACY

Year 2 2022/23 - Final Year Clinical Pharmacology Paper 202
Subject: Pharmacology - 2

Date: 21/05/23

Time: 1 hour

(100 Marks)

Write answers to the questions

(100 Marks)

1. What are the main pharmacological effects of the following drugs?
2. What are the main pharmacological effects of the following drugs?
3. What are the main pharmacological effects of the following drugs?
4. What are the main pharmacological effects of the following drugs?
5. What are the main pharmacological effects of the following drugs?
6. What are the main pharmacological effects of the following drugs?
7. What are the main pharmacological effects of the following drugs?
8. What are the main pharmacological effects of the following drugs?
9. What are the main pharmacological effects of the following drugs?
10. What are the main pharmacological effects of the following drugs?

Write answers to the questions

(100 Marks)

1. What are the main pharmacological effects of the following drugs?
2. What are the main pharmacological effects of the following drugs?
3. What are the main pharmacological effects of the following drugs?
4. What are the main pharmacological effects of the following drugs?
5. What are the main pharmacological effects of the following drugs?
6. What are the main pharmacological effects of the following drugs?
7. What are the main pharmacological effects of the following drugs?
8. What are the main pharmacological effects of the following drugs?
9. What are the main pharmacological effects of the following drugs?
10. What are the main pharmacological effects of the following drugs?



UNIVERSITY OF THE PHILIPPINES

Office of the President, University of the Philippines
1201 University Avenue, Diliman, Quezon City 1101

Dear Sir/Madam,

Dear Sir/Madam,

Dear Sir/Madam,

Dear Sir/Madam,

Dear Sir/Madam,

1. I am writing to you regarding the...
2. I am writing to you regarding the...
3. I am writing to you regarding the...
4. I am writing to you regarding the...
5. I am writing to you regarding the...
6. I am writing to you regarding the...
7. I am writing to you regarding the...
8. I am writing to you regarding the...
9. I am writing to you regarding the...
10. I am writing to you regarding the...

Very truly yours,

Very truly yours,

1. I am writing to you regarding the...
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9. I am writing to you regarding the...
10. I am writing to you regarding the...

Very truly yours,



FACULTY OF PHARMACY

Amman, Jordan - P.O. Box 147, Amman 11942, Jordan

Faculty of Pharmacy

Page No.:

Page No. 1170

Page No.

Page No. 1170

Page No. 1170

1. The following are the main components of the drug:

2. The following are the main components of the drug:

3. The following are the main components of the drug:

4. The following are the main components of the drug:

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6. The following are the main components of the drug:

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9. The following are the main components of the drug:

10. The following are the main components of the drug:

11. The following are the main components of the drug:

Page No. 1170

12. The following are the main components of the drug:

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32. The following are the main components of the drug:



Page 1 of 2

THE UNIVERSITY OF THE PACIFIC

Office of the Registrar
 1000 University Avenue, Suite 1000, Stockton, CA 95211
 (209) 941-1111

Page 1 of 2

Page 1 of 2

Page 1 of 2

Page 1 of 2

Page 1 of 2

1. The University of the Pacific is a private, non-profit, Christian university.
2. The University of the Pacific is a member of the Association of Christian Universities and Colleges (ACU).
3. The University of the Pacific is a member of the Association of American Universities (AAU).
4. The University of the Pacific is a member of the Association of American Colleges and Universities (AACU).
5. The University of the Pacific is a member of the Association of American Theological Schools (AATS).
6. The University of the Pacific is a member of the Association of American Business Schools (AABS).
7. The University of the Pacific is a member of the Association of American Schools of Business (AACSB).
8. The University of the Pacific is a member of the Association of American Law Schools (AALS).
9. The University of the Pacific is a member of the Association of American Medical Schools (AAMC).
10. The University of the Pacific is a member of the Association of American Veterinary Schools (AAVMS).

Page 1 of 2

Page 1 of 2

Page 1 of 2

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4. The University of the Pacific is a member of the Association of American Colleges and Universities (AACU).
5. The University of the Pacific is a member of the Association of American Theological Schools (AATS).
6. The University of the Pacific is a member of the Association of American Business Schools (AABS).
7. The University of the Pacific is a member of the Association of American Schools of Business (AACSB).
8. The University of the Pacific is a member of the Association of American Law Schools (AALS).
9. The University of the Pacific is a member of the Association of American Medical Schools (AAMC).
10. The University of the Pacific is a member of the Association of American Veterinary Schools (AAVMS).

Page 1 of 2



Page No. 0101

Page No. 0101

Answer all the questions in the following questions. (10 marks)

Q.1. (10 marks)

Q.2. (10 marks)

Q.3. (10 marks)

Q.4. (10 marks)

Q.5. (10 marks)

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

Q.6. (10 marks)

Q.7. (10 marks)

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



Form No. 1/200

FACULTY OF MEDICINE
UNIVERSITY OF MEDICINE AND HEALTH SCIENCES
TADJIKISTAN

Date: _____

Page No. _____

SHEET NO. _____

From: _____

To: _____

- 1. The undersigned hereby certifies that the following:
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____
- 7. _____
- 8. _____
- 9. _____

Signature of the undersigned: _____

Date: _____

Page No. _____

The undersigned hereby certifies that the following: _____

Signature of the undersigned: _____

The undersigned hereby certifies that the following: _____

The undersigned hereby certifies that the following: _____

The undersigned hereby certifies that the following: _____

The undersigned hereby certifies that the following: _____

The undersigned hereby certifies that the following: _____

The undersigned hereby certifies that the following: _____



Date: / /

FACULTY OF MEDICINE

Plot 145, New GRA, Lagos State, Nigeria, Lagos 101

Lagos Pharmaceutical University

Date: / /

Page No. /

Page 1

Lagos Pharmaceutical University

Lagos Pharmaceutical University

1. The following are the main components of the Lagos Pharmaceutical University
2. The following are the main components of the Lagos Pharmaceutical University
3. The following are the main components of the Lagos Pharmaceutical University
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Lagos Pharmaceutical University

Page 2/2008



Code: P 142

Page 2/2008

Page 2/2008

Page 2/2008

Page 2/2008

Page 2/2008

1. What is the main function of the following?
2. What is the main function of the following?
3. What is the main function of the following?
4. What is the main function of the following?
5. What is the main function of the following?
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8. What is the main function of the following?
9. What is the main function of the following?
10. What is the main function of the following?

Page 2/2008

Page 2/2008

Page 2/2008

1. What is the main function of the following?
2. What is the main function of the following?
3. What is the main function of the following?
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9. What is the main function of the following?
10. What is the main function of the following?

Page 2/2008



ಕರ್ನಾಟಕ ಸರ್ಕಾರ KARNATAKA GOVT

2020-21-22

Section

2020-21-22

2020-21-22

2020-21-22

1. The Government of Karnataka
2. The Government of Karnataka
3. The Government of Karnataka
4. The Government of Karnataka
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2020-21-22

2020-21-22

2020-21-22

1. The Government of Karnataka
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9. The Government of Karnataka
10. The Government of Karnataka



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REFERENCES

NOTES

Abstract

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

Abstract

TABLE 4

Article 12: Access to the data

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1. Define the concept of a function.
2. Explain the difference between a function and a procedure.
3. Discuss the importance of function notation.
4. Describe the domain and range of a function.
5. Explain how to determine if a relation is a function.
6. Discuss the concept of a composite function.
7. Explain the concept of an inverse function.
8. Discuss the concept of a piecewise function.
9. Explain the concept of a limit.
10. Discuss the concept of continuity.

81-27-4

WITTENBERG, R. J. AND J. W. WILSON.

THE EDITORIAL BOARD

1. Pickle for Caribbean & Jamaica (1991)
2. To be used for Caribbean & Jamaica (1991)
3. To be used for Caribbean & Jamaica (1991)
4. To be used for Caribbean & Jamaica (1991)
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TIME: 3 Hrs

PARTIALS MARKS

MARKS OBTAINED

DATE

REMARKS

PAGE 4

ANSWER ANY FIVE QUESTIONS

MARKS

1. Give the formula to obtain the Degree of Supercooling.
2. Give the names of 4 alloy steels.
3. Explain types of steels and alloying elements.
4. Define the term (i) Limiting curve, (ii) Diffusivity curve.
5. Plot the mechanical properties of pure iron against temperature.
6. Give the formula for calculation of ΔG° .
7. Explain types of cast irons and their uses in the industry.
8. Give the calculation of ΔF° .
9. Define the terms referring to mechanical properties.
10. Give the formula for calculation of ΔH° .

PAGE 5

ANSWER ANY FIVE QUESTIONS

MARKS

1. Give the formula for calculation of ΔG° .
2. Define the term (i) Limiting curve, (ii) Diffusivity curve.
3. Define the term (i) Limiting curve, (ii) Diffusivity curve.
4. Define the term (i) Limiting curve, (ii) Diffusivity curve.
5. Define the term (i) Limiting curve, (ii) Diffusivity curve.
6. Define the term (i) Limiting curve, (ii) Diffusivity curve.
7. Define the term (i) Limiting curve, (ii) Diffusivity curve.
8. Define the term (i) Limiting curve, (ii) Diffusivity curve.
9. Define the term (i) Limiting curve, (ii) Diffusivity curve.
10. Define the term (i) Limiting curve, (ii) Diffusivity curve.



FACULTY OF PHARMACY

Pharm.D II Year (Ist OC) Mid & End Sem Examinations, September 2022
Subject: Pharmacology-I (Semester-I)

Time: 3 hours

Seat: Name: _____

PART A

Mark: 100 (all the questions)

Page 2 of 2 (100 Marks)

1. What are the functions of Pharmacy Act 1968?
2. What is the role of a pharmacist in the community?
3. What are the different types of drugs?
4. What is a prescription?
5. What is the role of a pharmacist in the community?
6. What is a drug?
7. What are the different types of drugs?
8. What is a prescription?
9. What is the role of a pharmacist in the community?
10. What is a drug?

PART B

Mark: 100 (all the questions)

Page 2 of 2 (100 Marks)

1. Describe the structure & function of the heart.
2. Describe the structure & function of the lungs.
3. Describe the structure & function of the kidneys.
4. Describe the structure & function of the liver.
5. Describe the structure & function of the stomach.
6. Describe the structure & function of the intestines.
7. Describe the structure & function of the pancreas.
8. Describe the structure & function of the spleen.
9. Describe the structure & function of the thymus.
10. Describe the structure & function of the thyroid.



Page 1 of 1

FACULTY OF PHARMACY

Pharmaceutical Chemistry Examination, September 2021

Subject: Pharmaceutical Analysis

Time: 2 hours

Max. Marks: 70

Q.1 - 5

Q.1 - 5: Answer all the questions.

(10 x 1 = 10 Marks)

1. Write the full name of the following: (a) IUPAC name of the following.
2. Explain the difference between the following: (a) IUPAC name of the following.
3. Explain the difference between the following: (a) IUPAC name of the following.
4. Explain the difference between the following: (a) IUPAC name of the following.
5. Explain the difference between the following: (a) IUPAC name of the following.
6. Explain the difference between the following: (a) IUPAC name of the following.
7. Explain the difference between the following: (a) IUPAC name of the following.
8. Explain the difference between the following: (a) IUPAC name of the following.
9. Explain the difference between the following: (a) IUPAC name of the following.
10. Explain the difference between the following: (a) IUPAC name of the following.

Q.1 - 5

Q.1 - 5: Answer all the questions.

(10 x 1 = 10 Marks)

1. Write the full name of the following: (a) IUPAC name of the following.
2. Explain the difference between the following: (a) IUPAC name of the following.
3. Explain the difference between the following: (a) IUPAC name of the following.
4. Explain the difference between the following: (a) IUPAC name of the following.
5. Explain the difference between the following: (a) IUPAC name of the following.
6. Explain the difference between the following: (a) IUPAC name of the following.
7. Explain the difference between the following: (a) IUPAC name of the following.
8. Explain the difference between the following: (a) IUPAC name of the following.
9. Explain the difference between the following: (a) IUPAC name of the following.
10. Explain the difference between the following: (a) IUPAC name of the following.



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FACULTY OF MANAGEMENT

Pharm J May 1992; 149: 4. Special Pharmacist, October 2002

Subject: *Pharmacology*

Time: 5 hours

Notes: *Myrica* 750

8352 • J. Neurosci., September 24, 2008 • 28(39):8347–8352

1997, 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, 26

[illegible]

1. Transfer the active cell into H1 placement of laboratory cell in output
2. Select 2 placement cells and transfer by connection
3. 27th and 28th are input and output of the circuit
4. 29th is output of the cell
5. 30th is output of the cell
6. 31st is output of the cell
7. 32nd is output of the cell
8. 33rd is output of the cell
9. 34th is output of the cell
10. 35th is output of the cell

NAME: _____

only. License may be granted

图 4 图例

11. Under which of the following conditions is a contract enforceable?
12. Under which of the following conditions is a contract enforceable?
13. Under which of the following conditions is a contract enforceable?
14. Under which of the following conditions is a contract enforceable?
15. What is the effect of a contract that is not enforceable?
16. Under which of the following conditions is a contract enforceable?
17. What is the effect of a contract that is not enforceable?
18. Under which of the following conditions is a contract enforceable?



2023/24 - 1st Exam

FACULTY OF PHARMACY

Pharm. 2019 Part 3, 2020, 2021 & 2022 (Hail) Exam: September 2023

Licensed Pharmacists - II

Time: 2 hours

Max. Marks: 50

NAME:

Write Answer for the questions

(10 x 5 = 50 Marks)

1. Name the most common respiratory infection.
2. Name the commonest effect of antihypertensives.
3. Name the commonest side effect of antihypertensives.
4. Name the commonest effect of antihypertensives.
4. Name the commonest effect of antihypertensives.
5. Name the commonest effect of antihypertensives.
6. Name the commonest effect of antihypertensives.
7. Name the commonest effect of antihypertensives.
8. Name the commonest effect of antihypertensives.
9. Name the commonest effect of antihypertensives.
10. Name the commonest effect of antihypertensives.

NAME:

Write Answer for the questions

(10 x 5 = 50 Marks)

1. Name the commonest effect of antihypertensives.
2. Name the commonest effect of antihypertensives.
3. Name the commonest effect of antihypertensives.
4. Name the commonest effect of antihypertensives.
5. Name the commonest effect of antihypertensives.
6. Name the commonest effect of antihypertensives.
7. Name the commonest effect of antihypertensives.
8. Name the commonest effect of antihypertensives.
9. Name the commonest effect of antihypertensives.
10. Name the commonest effect of antihypertensives.



2020-21-12-20

INSTITUTE OF PHARMACY

First Old Year B.Ph.D. (Ph.D. & B.Ph.D.) Examination, September 2021

Subject: Medical Chemistry

Time: 3 hours

Roll No.: 21

Part - A

Note: Answer all the questions.

(10 x 2 = 20 marks)

1. Define a suitable role of enzymes.
2. How does the enzyme work? Give a brief explanation.
3. What is the function of the enzyme? Give a brief explanation.
4. How does the enzyme work? Give a brief explanation.
5. What is the function of the enzyme? Give a brief explanation.
6. What is the function of the enzyme? Give a brief explanation.
7. Define a suitable role of enzymes.
8. How does the enzyme work? Give a brief explanation.
9. What is the function of the enzyme? Give a brief explanation.
10. How does the enzyme work? Give a brief explanation.

Part - B

Note: Answer all the questions.

(10 x 2 = 20 marks)

1. Define a suitable role of enzymes.
2. How does the enzyme work? Give a brief explanation.
3. What is the function of the enzyme? Give a brief explanation.
4. How does the enzyme work? Give a brief explanation.
5. What is the function of the enzyme? Give a brief explanation.
6. How does the enzyme work? Give a brief explanation.
7. Define a suitable role of enzymes.
8. How does the enzyme work? Give a brief explanation.
9. What is the function of the enzyme? Give a brief explanation.
10. How does the enzyme work? Give a brief explanation.



2020/2021 - 1st Year

FACULTY OF PHARMACY

Pharm.D 1st Year 1st Semester Final Exam Questions, September 2020

Subject: Pharmacokinetics - I

Date: 01/09/2020

Max. Marks: 70

Q1-Q5

Q1. Answer the following questions.

5 x 10 = 50 Marks

1. Define the term 'pharmacokinetics'.
2. Define the term 'pharmacodynamics'.
3. Define the term 'pharmacokinetics'.
4. Define the term 'pharmacokinetics'.
5. Define the term 'pharmacokinetics'.
6. Define the term 'pharmacokinetics'.
7. Define the term 'pharmacokinetics'.
8. Define the term 'pharmacokinetics'.
9. Define the term 'pharmacokinetics'.
10. Define the term 'pharmacokinetics'.

Q6-Q10

Q6. Answer the following questions.

5 x 10 = 50 Marks

1. Define the term 'pharmacokinetics'.
2. Define the term 'pharmacodynamics'.
3. Define the term 'pharmacokinetics'.
4. Define the term 'pharmacokinetics'.
5. Define the term 'pharmacokinetics'.
6. Define the term 'pharmacokinetics'.
7. Define the term 'pharmacokinetics'.
8. Define the term 'pharmacokinetics'.
9. Define the term 'pharmacokinetics'.
10. Define the term 'pharmacokinetics'.

Q11. Answer the following questions.

1. Define the term 'pharmacokinetics'.

2. Define the term 'pharmacodynamics'.

Q12. Answer the following questions.

1. Define the term 'pharmacokinetics'.

2. Define the term 'pharmacodynamics'.

Q13. Answer the following questions.



FACULTY OF PHARMACY

Faculty of Pharmacy, The American University in Cairo, Egypt 11552

Subject: Pharmaceutical Analysis

Date: 1 March

Page 10 of 10

Part – 1

Write answer for the questions

30 x 1 = 30 Marks

1. Write down the characteristics of HPLC and Paper Chromatography.
2. Write the major components.
3. Write a note on Relative Retention Time and its importance in HPLC.
4. Write the principle involved in Thin Layer Chromatography.
5. Explain the uses of GC, HPLC, Chromatography and IR.
6. Explain the various methods for detection of compounds in HPLC.
7. Define the term: resolution.
8. What are the different methods for resolving peaks in HPLC?
9. Explain the various methods for detection of compounds in GC.
10. Write the applications of GC.

Part – 2

Write answer for the questions

3 x 10 = 30 Marks

11. Discuss the various methods for the determination of the concentration of a compound in a sample.
12. Explain the various methods for the determination of the concentration of a compound in a sample.
13. Write a note on the various methods for the determination of the concentration of a compound in a sample.
14. Explain the various methods for the determination of the concentration of a compound in a sample.
15. Discuss the various methods for the determination of the concentration of a compound in a sample.
16. Explain the various methods for the determination of the concentration of a compound in a sample.
17. Discuss the various methods for the determination of the concentration of a compound in a sample.
18. Explain the various methods for the determination of the concentration of a compound in a sample.



FACULTY OF PHARMACY

Pharmacy 3 semester final year a semester examination, August 2022

Subject: Pharmacology – B

Time: 3 hours

Max. Marks: 100

PART - A

Write Answer of the questions.

(10 x 2 = 20 Marks)

1. Write up on Thrombolysis
2. Write on adverse effects of diuretics agents.
3. Define haemorrhage and its probable causes.
4. Write on adverse effects of heparin.
5. Write on adverse effects of coumadin.
6. Write on adverse effects of oral contraceptives.
7. Write on adverse effects of oral.
8. List up the features of primary biliary cirrhosis.
9. Write a group of drugs used in the treatment of
10. Write on adverse effects of

PART - B

Write Answer any five questions.

(5 x 2 = 10 Marks)

1. Write on Pharmacokinetics of drugs.
2. Write on pharmacokinetics of drugs and its clinical application.
3. Write on pharmacokinetics of drugs and its clinical application.
4. Write on pharmacokinetics of drugs and its clinical application.
5. Write on pharmacokinetics of drugs and its clinical application.
6. Write on pharmacokinetics of drugs and its clinical application.
7. Write on pharmacokinetics of drugs and its clinical application.
8. Write on pharmacokinetics of drugs and its clinical application.
9. Write on pharmacokinetics of drugs and its clinical application.
10. Write on pharmacokinetics of drugs and its clinical application.



Code No. D-488

MINISTRY OF HEALTH

Pharmaceuticals Section Part A: Licensing Examination September 2022
Subject: Pharmaceuticals (Licensing)

Time: 1 hour

Max. Marks: 30

PART - A

Total Marks of the questions:

20 (17 + 3 Bonus)

1. What is the minimum requirement for a person to register?
2. How often is a person's license renewed? How long does it last?
3. What is the minimum age requirement for a person to register?
4. What are the minimum requirements for a person to register as a pharmacist?
5. What is the minimum age requirement for a person to register as a pharmacist?
6. What are the minimum requirements for a person to register as a pharmacist?
7. What are the minimum requirements for a person to register as a pharmacist?
8. What are the minimum requirements for a person to register as a pharmacist?
9. What are the minimum requirements for a person to register as a pharmacist?
10. What are the minimum requirements for a person to register as a pharmacist?

PART - B

Total Marks of the questions:

10 (10 + 0 Bonus)

1. Explain the difference between a pharmacist and a pharmacist's assistant.
2. Explain the difference between a pharmacist and a pharmacist's assistant.
3. Explain the difference between a pharmacist and a pharmacist's assistant.
4. Explain the difference between a pharmacist and a pharmacist's assistant.
5. Explain the difference between a pharmacist and a pharmacist's assistant.
6. Explain the difference between a pharmacist and a pharmacist's assistant.
7. Explain the difference between a pharmacist and a pharmacist's assistant.
8. Explain the difference between a pharmacist and a pharmacist's assistant.
9. Explain the difference between a pharmacist and a pharmacist's assistant.
10. Explain the difference between a pharmacist and a pharmacist's assistant.



Code No. P-080

MINISTRY OF PLANNING

Part I & II of the Punjab Economic Survey, September 2022

Subject: Statistical Country

Time: 1 hour

Max. Marks: 50

Part I - C

Write answer to the questions

(10 x 10 = 100 Marks)

1. Explain briefly the meaning of the following:
2. What is the difference between the following: (a) Gross Domestic Product (b) Net Domestic Product
3. Explain the difference between the following: (a) Gross Domestic Product (b) Net Domestic Product
4. What is the difference between the following: (a) Gross Domestic Product (b) Net Domestic Product
5. What is the difference between the following: (a) Gross Domestic Product (b) Net Domestic Product
6. What is the difference between the following: (a) Gross Domestic Product (b) Net Domestic Product
7. What is the difference between the following: (a) Gross Domestic Product (b) Net Domestic Product
8. What is the difference between the following: (a) Gross Domestic Product (b) Net Domestic Product
9. What is the difference between the following: (a) Gross Domestic Product (b) Net Domestic Product
10. What is the difference between the following: (a) Gross Domestic Product (b) Net Domestic Product

Part II - C

Write answer to the questions

(4 x 10 = 40 Marks)

1. Explain the meaning of the following: (a) Gross Domestic Product (b) Net Domestic Product
2. Explain the difference between the following: (a) Gross Domestic Product (b) Net Domestic Product
3. Explain the difference between the following: (a) Gross Domestic Product (b) Net Domestic Product
4. Explain the difference between the following: (a) Gross Domestic Product (b) Net Domestic Product
5. Explain the difference between the following: (a) Gross Domestic Product (b) Net Domestic Product
6. Explain the difference between the following: (a) Gross Domestic Product (b) Net Domestic Product
7. Explain the difference between the following: (a) Gross Domestic Product (b) Net Domestic Product
8. Explain the difference between the following: (a) Gross Domestic Product (b) Net Domestic Product
9. Explain the difference between the following: (a) Gross Domestic Product (b) Net Domestic Product
10. Explain the difference between the following: (a) Gross Domestic Product (b) Net Domestic Product

**TACKLING OBESITY**

Part 1 is a 10 question part of ongoing assessment, September 2022
 Target: 100% correct answers

Time: 1 hour

Max score: 10

Part 1 - 1

Mark: 10 out of 10 questions

11/11 = 100% correct

1. Define 1. Microbiota 2. Gut flora 3. Gut microbiome
2. What are prebiotics and what prebiotics may include?
3. Name the impacts of probiotic consumption
4. What are the effects of probiotics?
5. Differences between probiotics and prebiotics
6. Synthesis of short-chain fatty acids is a pathway
7. Describe the correlation and function of SCFA
8. Name the benefits of probiotic agents
9. What are the clinical uses of probiotics in preventing and treating IBD?
10. Explain specific clinical uses

Part 1 - 2

Mark: 10 out of 10 questions

11/11 = 100% correct

1. Describe the structure of a complex carbohydrate and the function of stored polysaccharides
2. Explain the role of glycogen in the liver and muscle
3. Name the main sources of glucose
4. Name the main sources of glucose in the diet
5. Name the main sources of glucose in the diet
6. Name the main sources of glucose in the diet
7. Name the main sources of glucose in the diet
8. Name the main sources of glucose in the diet
9. Name the main sources of glucose in the diet
10. Name the main sources of glucose in the diet



USP/AC/01/04023

BALUJALUPHUBMAY

Program of Postgraduate Studies in Education May 2022

Subject: Mathematics II

TIME: 2 HOURS

REL. NUMBER:

PART A

Write answers to questions:

[10 x 1 = 10 Marks]

1. Plot a curve or surface in space.
2. Plot the intersection of two surfaces.
3. Differentiate functions and vector functions.
4. Plot the solution of a differential equation.
5. Plot a curve or surface in space.
6. Plot the intersection of two surfaces.
7. Plot the intersection of two surfaces.
8. Plot the intersection of two surfaces.
9. Plot the intersection of two surfaces.
10. Plot the intersection of two surfaces.

PART B

Write answers to the questions:

[5 x 8 = 40 Marks]

1. Using the Chain Rule, find the derivative of $f(x, y, z)$ with respect to x .
2. Using the Chain Rule, find the derivative of $f(x, y, z)$ with respect to y .
3. Using the Chain Rule, find the derivative of $f(x, y, z)$ with respect to z .
4. Using the Chain Rule, find the derivative of $f(x, y, z)$ with respect to x .
5. Using the Chain Rule, find the derivative of $f(x, y, z)$ with respect to y .
6. Using the Chain Rule, find the derivative of $f(x, y, z)$ with respect to z .
7. Using the Chain Rule, find the derivative of $f(x, y, z)$ with respect to x .
8. Using the Chain Rule, find the derivative of $f(x, y, z)$ with respect to y .



Code No. P-102

FACULTY OF PHARMACY

Phase II & Year B-DC, 1st Sem, Examination May 2021

Subject: Therapeutics-I - I

Time: 3 hours

Max. Marks: 75

Part - I

Write 20 short in questions

(10 x 2 = 20 Marks)

1. Write a summary of aspirin
2. Give the mechanism of action of aspirin
3. Give the pharmacokinetics of Aspirin
4. Write on the common toxicity of aspirin
5. Compare ibuprofen & Aspirin
6. List the pharmacokinetics of oral NSAIDs
7. Write on the safety of NSAIDs, Rheumatoid arthritis & on the management of Rheumatoid
8. Write the pharmacokinetics of NSAIDs & on the management of NSAIDs
9. Write the mechanism of action of NSAIDs
10. Write on the common toxicity of NSAIDs & on the management of NSAIDs

Part - II

Write answer any two questions

(2 x 25 = 50 Marks)

1. (a) Write on the risk factors for Rheumatoid Arthritis
(b) Write on the treatment of Rheumatoid Arthritis
2. (a) Discuss the various strategies used to treat Rheumatoid Arthritis
(b) Discuss the management of Rheumatoid Arthritis
3. (a) Discuss the causes, clinical presentation and treatment of Rheumatoid Arthritis
(b) Discuss the causes, clinical presentation and treatment of Rheumatoid Arthritis
4. (a) Write on the safety of NSAIDs & on the management of NSAIDs
(b) Write on the safety of NSAIDs & on the management of NSAIDs
5. (a) Write on the safety of NSAIDs & on the management of NSAIDs
(b) Write on the safety of NSAIDs & on the management of NSAIDs
6. (a) Write on the safety of NSAIDs & on the management of NSAIDs
(b) Write on the safety of NSAIDs & on the management of NSAIDs
7. (a) Discuss the risk of NSAIDs & on the management of NSAIDs
(b) Discuss the risk of NSAIDs & on the management of NSAIDs
8. (a) Discuss the risk of NSAIDs & on the management of NSAIDs
(b) Discuss the risk of NSAIDs & on the management of NSAIDs
9. (a) Discuss the risk of NSAIDs & on the management of NSAIDs
(b) Discuss the risk of NSAIDs & on the management of NSAIDs
10. (a) Discuss the risk of NSAIDs & on the management of NSAIDs
(b) Discuss the risk of NSAIDs & on the management of NSAIDs



2020-21-3433

FACULTY OF PHARMACY

Malak, 01 Year 3-DCU (Pharm) Semester May 2021
Subject: Pharmacology and Therapeutics

Time: 2 Hours

Max. Marks: 50

PART - A

10/10 Answer all questions

(10 x 1 = 10 Marks)

1. What is the definition of Pharmacy Act 1971?
2. What is Schedule 1 of Drugs and Cosmetics Act?
3. How does it get 1 & 2 Act?
4. What is Regulatory Affairs?
5. Define the function of Drug Information Committee?
6. Define Good Manufacturing Practice?
7. What is Good Manufacturing Practice for Pharmaceuticals?
8. What is Pharmacovigilance and Pharmacovigilance?
9. Define the function of National Commission for Drugs?
10. Define the function of Central Government Drugs Controller General?

PART - B

Write answer any five questions

(5 x 6 = 30 Marks)

1. Explain the function of Drug Information Committee?
2. Define the function of National Commission for Drugs and Cosmetics?
3. Define the function of Schedule 1 of Drugs and Cosmetics Act?
4. Explain the function of Good Manufacturing Practice?
5. Define the function of National Commission for Drugs and Cosmetics?
6. Explain the function of National Commission for Drugs and Cosmetics?
7. Explain the function of National Commission for Drugs and Cosmetics?
8. Explain the function of National Commission for Drugs and Cosmetics?
9. Explain the function of National Commission for Drugs and Cosmetics?
10. Explain the function of National Commission for Drugs and Cosmetics?



October 2022

FACULTY OF PHARMACY

Third EPR for DTC (Pharmaceutical Sciences) May 2022

Subject: Pharmaceutical Formulation

Total Marks

Max. Marks 70

Part I + II

Time: 1 hour 30 minutes

Part I + II Marks

1. Discuss the importance of pharmaceutical formulation.
2. Discuss the principles of pharmaceutical formulation and the factors influencing formulation.
3. Discuss the importance of pharmaceutical formulation.
4. Discuss the importance of pharmaceutical formulation.
5. Discuss the importance of pharmaceutical formulation.
6. Discuss the importance of pharmaceutical formulation.
7. Discuss the importance of pharmaceutical formulation.
8. Discuss the importance of pharmaceutical formulation.
9. Discuss the importance of pharmaceutical formulation.
10. Discuss the importance of pharmaceutical formulation.

Part I + II

Time: 1 hour 30 minutes

Part I + II Marks

1. Discuss the importance of pharmaceutical formulation.
2. Discuss the importance of pharmaceutical formulation.
3. Discuss the importance of pharmaceutical formulation.
4. Discuss the importance of pharmaceutical formulation.
5. Discuss the importance of pharmaceutical formulation.
6. Discuss the importance of pharmaceutical formulation.
7. Discuss the importance of pharmaceutical formulation.
8. Discuss the importance of pharmaceutical formulation.
9. Discuss the importance of pharmaceutical formulation.
10. Discuss the importance of pharmaceutical formulation.



USP/SC/14023

BALAJI UNIVERSITY

Department of Health, Behavior and Society (HBS)

Subject: Pharmacology II

Time: 2 hours

Roll Number: _____

PART I

Answer any four questions:

(4 x 10 = 40 marks)

1. Give a brief definition of drugs.
2. Give the definition of pharmacology.
3. Give a brief definition of pharmacokinetics.
4. Give the definition of pharmacodynamics.
5. Give a brief definition of pharmacotherapy.
6. Give the definition of pharmacovigilance.
7. Give the definition of pharmacovigilance.
8. Give the definition of pharmacovigilance.
9. Give the definition of pharmacovigilance.
10. Give the definition of pharmacovigilance.

PART II

Answer any five questions:

(5 x 10 = 50 marks)

1. Give the definition of pharmacokinetics.
2. Give the definition of pharmacodynamics.
3. Give the definition of pharmacokinetics.
4. Give the definition of pharmacodynamics.
5. Give the definition of pharmacokinetics.
6. Give the definition of pharmacodynamics.
7. Give the definition of pharmacokinetics.
8. Give the definition of pharmacodynamics.
9. Give the definition of pharmacokinetics.
10. Give the definition of pharmacodynamics.



Code No. P-102

FACULTY OF PHARMACY

Phase II of Year 4-DCU, 1st Shift, Examination May 2021

Subject: Therapeutics-I - I

Time: 3 hours

Max. Marks: 75

Part - I

Write 20 short in questions

(10 x 2 = 20 Marks)

1. Write a summary of aspirin
2. Define haemorrhoid and suggest its treatment
3. Give drug prescription of T. Lassa
4. Write on the commonly used drug-induced leukopenia
5. Comment about Lactulose
6. List pharmacologic effects for oral contraceptives
7. Write on the adverse effects of digoxin, associated with its use in congestive heart failure of Rheumatism
8. Write the pharmacologic effects of salicylates in rheumatoid arthritis and asthma
9. Discuss the use of 5th year class
10. Write on the common adverse effects of anti-hepatitis B virus vaccine

Part - II

Write answer any two questions

(3 x 20 = 60 Marks)

1. (a) Write on the risk factors for drug allergy
(b) Discuss the treatment of drug hypersensitivity
2. (a) Discuss the various strategies used to treat Rheumatoid Arthritis
(b) Discuss the pharmacologic features of Rheumatoid arthritis
3. Discuss the causes, clinical presentation and treatment of iron deficiency blood infection
4. Write a short note about the approach to antihypertensive drug selection
5. (a) Write on the clinical application in management of Lactulose
(b) Discuss the use of orally administered laxatives in constipation of elderly
6. (a) Write on the management for complications of CO
(b) Write on the management of 2nd degree heart block
7. (a) Discuss the risk of drug-drug interactions and entry mechanism in the treatment of HIV infection using anti-retrovirals
(b) Write on the use of anti-hepatitis B virus vaccine in immunocompromised
8. (a) Write on the pathogenesis, clinical and the pharmacotherapy for Gonorrhea
(b) Discuss the management of Syphilis



2020-21-3433

FACULTY OF PHARMACY

Malak, 01/ May 2021/Thurs/ Consultant, May 2021
Subject: Pharmacology and Therapeutics

Date: 21/05/21

Ref: 2020-21-3433

PART - A

10/10 Answer all questions

(10 x 1 = 10 Marks)

1. What is the definition of Pharmacy Act 1977?
2. What is Schedule 1 of Drugs & Cosmetics Act?
3. What does it give to P.C.A.P?
4. What is Pharmacy Act 1977?
5. What is the function of Drug Conservation Committee?
6. What is the function of Drug Conservation Act?
7. What is the function of the National Drug Policy?
8. What is the function of the National Drug Policy?
9. What is the function of the National Drug Policy?
10. What is the function of the National Drug Policy?

PART - B

10/10 Answer any five questions

(5 x 2 = 10 Marks)

1. Explain the function of the National Drug Policy.
2. Explain the function of the National Drug Policy.
3. Explain the function of the National Drug Policy.
4. Explain the function of the National Drug Policy.
5. Explain the function of the National Drug Policy.
6. Explain the function of the National Drug Policy.
7. Explain the function of the National Drug Policy.
8. Explain the function of the National Drug Policy.
9. Explain the function of the National Drug Policy.
10. Explain the function of the National Drug Policy.



2020-21-3422

FACULTY OF PHARMACY

Malakka, Old Year 3-Sci (Pharm) Examination May 2021
Subject: Natural Chemistry

Date: 21/05/21

Time: 30 min

Page: 1 of 1

Note: Answer in questions

100% = 20 marks

1. Give one main and one minor of Glycyrrhizic acid
2. Explain the mechanism of action of Glycyrrhizic acid
3. What are the main and one minor of Glycyrrhizic acid
4. Explain the mechanism of action of Glycyrrhizic acid
5. Name the main and one minor of Glycyrrhizic acid
6. Name the main and one minor of Glycyrrhizic acid
7. Name the main and one minor of Glycyrrhizic acid
8. Name the main and one minor of Glycyrrhizic acid
9. Name the main and one minor of Glycyrrhizic acid
10. Name the main and one minor of Glycyrrhizic acid

Page: 1 of 1

Note: Answer in questions

100% = 20 marks

1. Define Glycyrrhizic acid. Give the mechanism of Glycyrrhizic acid.
2. (a) Draw the structure of Glycyrrhizic acid.
(b) Explain the mechanism of action of Glycyrrhizic acid.
(c) Name the main and one minor of Glycyrrhizic acid.
(d) Name the main and one minor of Glycyrrhizic acid.
(e) Name the main and one minor of Glycyrrhizic acid.
(f) Name the main and one minor of Glycyrrhizic acid.
(g) Name the main and one minor of Glycyrrhizic acid.
(h) Name the main and one minor of Glycyrrhizic acid.
(i) Name the main and one minor of Glycyrrhizic acid.
(j) Name the main and one minor of Glycyrrhizic acid.
(k) Name the main and one minor of Glycyrrhizic acid.
(l) Name the main and one minor of Glycyrrhizic acid.
(m) Name the main and one minor of Glycyrrhizic acid.
(n) Name the main and one minor of Glycyrrhizic acid.
(o) Name the main and one minor of Glycyrrhizic acid.
(p) Name the main and one minor of Glycyrrhizic acid.
(q) Name the main and one minor of Glycyrrhizic acid.
(r) Name the main and one minor of Glycyrrhizic acid.
(s) Name the main and one minor of Glycyrrhizic acid.
(t) Name the main and one minor of Glycyrrhizic acid.
(u) Name the main and one minor of Glycyrrhizic acid.
(v) Name the main and one minor of Glycyrrhizic acid.
(w) Name the main and one minor of Glycyrrhizic acid.
(x) Name the main and one minor of Glycyrrhizic acid.
(y) Name the main and one minor of Glycyrrhizic acid.
(z) Name the main and one minor of Glycyrrhizic acid.



Date: 01/06/2022

FACULTY OF PHARMACY

Third Exam for Clinical Pharmacology, May 2022

Subject: Pharmacology & Pharmacokinetics

Total Marks:

Max. Marks: 70

Part I - 1

Ques. Answer all the questions

Max. Marks: 20

1. Doxycycline has an intermediate half-life.
2. Drug-toxicity of tetracycline can be reduced by giving it with milk.
3. Tetracycline is not effective against *Staphylococcus aureus*.
4. Tetracycline has a high degree of protein binding.
5. Tetracycline is not effective against *Streptococcus pneumoniae*.
6. Tetracycline is not effective against *Neisseria meningitidis*.
7. Tetracycline is not effective against *Haemophilus influenzae*.
8. Tetracycline is not effective against *Legionella pneumophila*.
9. Tetracycline is not effective against *Chlamydia trachomatis*.
10. Tetracycline is not effective against *Mycoplasma hominis*.

Part II - 2

Ques. Answer any five questions.

Max. Marks: 50

1. Explain the pharmacokinetics of tetracycline.
2. Explain the pharmacodynamics of tetracycline.
3. Explain the pharmacokinetics of tetracycline.
4. Explain the pharmacokinetics of tetracycline.
5. Explain the pharmacokinetics of tetracycline.
6. Explain the pharmacokinetics of tetracycline.
7. Explain the pharmacokinetics of tetracycline.
8. Explain the pharmacokinetics of tetracycline.
9. Explain the pharmacokinetics of tetracycline.
10. Explain the pharmacokinetics of tetracycline.



INDIA REFERENCE

Ministry of Health and Family Welfare, Government of India, New Delhi
Subject: **Ministry of Health**

Date: 10/10/2021

1. The Ministry

2. The Ministry

3. The Ministry and the Ministry of Health and Family Welfare, Government of India, New Delhi
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25. The Ministry of Health and Family Welfare, Government of India, New Delhi
26. The Ministry of Health and Family Welfare, Government of India, New Delhi



Date No 1145

TAMILNADU AKADEMI

Part 2 of 2019-2020 Part 2 of 2019-2020, 2019-2020

Subject: Tamil Language (Tamil Language)

Page 1 of 1

Page 1 of 1

Part 1

Part 1 of 2019-2020

Part 1 of 2019-2020

1. The first part of the book is the first part of the book.
2. The second part of the book is the second part of the book.
3. The third part of the book is the third part of the book.
4. The fourth part of the book is the fourth part of the book.
5. The fifth part of the book is the fifth part of the book.
6. The sixth part of the book is the sixth part of the book.
7. The seventh part of the book is the seventh part of the book.
8. The eighth part of the book is the eighth part of the book.
9. The ninth part of the book is the ninth part of the book.
10. The tenth part of the book is the tenth part of the book.

Part 2

Part 2 of 2019-2020

Part 2 of 2019-2020

1. The first part of the book is the first part of the book.
2. The second part of the book is the second part of the book.
3. The third part of the book is the third part of the book.
4. The fourth part of the book is the fourth part of the book.
5. The fifth part of the book is the fifth part of the book.
6. The sixth part of the book is the sixth part of the book.
7. The seventh part of the book is the seventh part of the book.
8. The eighth part of the book is the eighth part of the book.
9. The ninth part of the book is the ninth part of the book.
10. The tenth part of the book is the tenth part of the book.



March 2022

FACULTY OF PHARMACY

Pharmaceutical Chemistry – I

Time: 3 Hours

Max. Marks: 80

Read carefully the questions from Part A, and select any four questions from Part B.

Part A – 10 questions, 20 marks

1. Name a Prescribing Inactive
2. Define Co-solvent as per ICH Q1A
3. Write the function of Excipient in drug
4. Define Solubility
5. Name the structure of Drug & its Pharmacological Action
6. Name the structure of active compound as per ICH Q1A
7. Give the following as per ICH Q1A: (a) Solubility (b) Stability (c) Purity
8. Name the Parent & Product of the Parent & Product
9. Name the structure of the Parent & Product
10. Name the structure of the Parent & Product

Part B – 4 questions, 60 marks

1. Explain the Concept of Solubility
2. Explain in detail about the Structure of Drug Compound
3. Explain in detail about the Structure of Drug Compound
4. Explain in detail about the Structure of Drug Compound
5. Explain in detail about the Structure of Drug Compound
6. Explain in detail about the Structure of Drug Compound
7. Explain in detail about the Structure of Drug Compound
8. Explain in detail about the Structure of Drug Compound
9. Explain in detail about the Structure of Drug Compound
10. Explain in detail about the Structure of Drug Compound



Date: 01.12.2020

FACULTY OF PHARMACY
Pharm.D. (HON) (DTC), New Strategic Curriculum, Semester III

Subject: Pharmacology - I

Time: 3 Hours

PART - I

Max. Marks: 70

Write short answers for questions:

5 x 14 = 70 marks

1. Write a note on histamine receptors and its drugs.
2. Describe the mechanism of action of histamine.
3. Define histamine. Give its function.
4. Write the adverse effects of histamine.
5. Write a note on histamine receptors.
6. Write a note on histamine receptors.
7. Write a note on histamine receptors.
8. Write a note on histamine receptors.
9. Write a note on histamine receptors.
10. Write a note on histamine receptors.

PART - II

Write short answers for questions:

4 x 17.5 = 70 marks

1. Write a note on histamine receptors.
2. Write a note on histamine receptors.
3. Write a note on histamine receptors.
4. Write a note on histamine receptors.
5. Write a note on histamine receptors.
6. Write a note on histamine receptors.
7. Write a note on histamine receptors.
8. Write a note on histamine receptors.
9. Write a note on histamine receptors.
10. Write a note on histamine receptors.



INSTRUCTIONS

1. The examination is for the post of Junior Lecturer in Microbiology, Grade III, in the Government Medical College, Bangalore.

Date: 15/11/2021

Time: 3 hours

Max. Marks: 100

2. The examination is for the post of Junior Lecturer in Microbiology, Grade III, in the Government Medical College, Bangalore.

1. Write the full name and address of the candidate.
2. Write the name of the candidate in the space provided.
3. Write the name of the candidate in the space provided.
4. Write the name of the candidate in the space provided.
5. Write the name of the candidate in the space provided.
6. Write the name of the candidate in the space provided.
7. Write the name of the candidate in the space provided.
8. Write the name of the candidate in the space provided.
9. Write the name of the candidate in the space provided.
10. Write the name of the candidate in the space provided.

QUESTIONS

1. (a) Define the term 'microbiology'.
2. (b) Write the full name and address of the candidate.
3. (c) Write the full name and address of the candidate.
4. (d) Write the full name and address of the candidate.
5. (e) Write the full name and address of the candidate.
6. (f) Write the full name and address of the candidate.
7. (g) Write the full name and address of the candidate.
8. (h) Write the full name and address of the candidate.
9. (i) Write the full name and address of the candidate.
10. (j) Write the full name and address of the candidate.



BRITISH PHARMACEUTICAL

Code No. BPH

Ministry of Health and Family Welfare, Government of India

Subject: Pharmaceutical Legislation

Time: 3 Hours

Roll No.: 77

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

Part I - A, B, C & D (40 Marks)

1. Prepare Schedule C and Schedule H as per Drugs and Cosmetics Act.
2. Difference between Schedule D and Schedule H.
3. Preparation of Schedule.
4. Preparation of Schedule H and its revision.
5. Difference between Schedule H and Schedule D.
6. Difference between Schedule H and Schedule D.
7. Difference between Schedule H and Schedule D.
8. Difference between Schedule H and Schedule D.
9. Difference between Schedule H and Schedule D.
10. Difference between Schedule H and Schedule D.

Part II - A, B, C & D (40 Marks)

1. Preparation of Schedule H and its revision. (10)
2. Difference between Schedule H and Schedule D. (10)
3. Preparation of Schedule H and its revision. (10)
4. Difference between Schedule H and Schedule D. (10)
5. Difference between Schedule H and Schedule D. (10)
6. Difference between Schedule H and Schedule D. (10)
7. Difference between Schedule H and Schedule D. (10)
8. Difference between Schedule H and Schedule D. (10)
9. Difference between Schedule H and Schedule D. (10)
10. Difference between Schedule H and Schedule D. (10)



REBETTING SKILLSET
Part C of TCCS - Foundation Examination, February 2021

Subject: National Curriculum

Time: 1.5 hours

Max. Marks: 70

Write answer of questions from Part - A, answering 7 questions from Part B

Part A - 4 parts = 4 marks

1. Write a short story of your own choice.
2. Write the names of the characters.
3. Write the names of the characters.
4. Write the names of the characters.
5. Write the names of the characters.
6. Write the names of the characters.
7. Write the names of the characters.
8. Write the names of the characters.
9. Write the names of the characters.
10. Write the names of the characters.

Part B - 4 parts = 4 marks

11. What is a sustainable business? Explain its features and advantages of such business.
12. What is a sustainable business? Explain its features and advantages of such business.
13. What is a sustainable business? Explain its features and advantages of such business.
14. What is a sustainable business? Explain its features and advantages of such business.
15. What is a sustainable business? Explain its features and advantages of such business.
16. What is a sustainable business? Explain its features and advantages of such business.
17. What is a sustainable business? Explain its features and advantages of such business.
18. What is a sustainable business? Explain its features and advantages of such business.
19. What is a sustainable business? Explain its features and advantages of such business.
20. What is a sustainable business? Explain its features and advantages of such business.



First D.S. (2008) (First) Examination, January 2008

Subject: PHYS000002

Time: 1 hour

Max. Marks: 17

Note: answer all the questions from Part A; answer any four questions from Part B.

PART A (10 Questions)

1. Describe the structure of atoms of hydrogen.
2. Describe the structure of the nucleus.
3. Explain the mechanism of total internal reflection.
4. Explain the structure of the Sun.
5. Explain the structure of the Earth.
6. Explain the structure of the atmosphere.
7. Explain the structure of the hydrosphere.
8. Explain the structure of the lithosphere.
9. Explain the structure of the biosphere.
10. Explain the structure of the geosphere.

PART B (7 Questions)

1. Explain the structure of the atmosphere.
2. Explain the structure of the hydrosphere.
3. Explain the structure of the lithosphere.
4. Explain the structure of the biosphere.
5. Explain the structure of the geosphere.
6. Explain the structure of the atmosphere.
7. Explain the structure of the hydrosphere.
8. Explain the structure of the lithosphere.
9. Explain the structure of the biosphere.
10. Explain the structure of the geosphere.



CANDIDATE INFORMATION

(200-PC-022)

Week 13 (2024) Final Exam of Computing Technology, Semester 2024
Course: Information Systems

Time: 2 hours

PART 1

Max. Marks: 50

Note: Answer any 10 questions

(5 x 2 = 10 Marks)

1. Name the three types of data storage devices.
2. Define data storage and its importance in information systems.
3. Explain the different types of data storage devices and their characteristics.
4. Define data backup and its importance.
5. Explain the different types of data backup and their characteristics.
6. Define data recovery and its importance.
7. Explain the different types of data recovery and their characteristics.
8. Define data security and its importance.
9. Explain the different types of data security and their characteristics.
10. Define data privacy and its importance.

PART 2

Note: Answer any 10 questions

(5 x 2 = 10 Marks)

1. Define data security and its importance.
2. Explain the different types of data security and their characteristics.
3. Define data privacy and its importance.
4. Explain the different types of data privacy and their characteristics.
5. Define data backup and its importance.
6. Explain the different types of data backup and their characteristics.
7. Define data recovery and its importance.
8. Explain the different types of data recovery and their characteristics.
9. Define data storage and its importance.
10. Explain the different types of data storage and their characteristics.



UNIVERSITY OF THE SOUTH PACIFIC

(2020-2021)

Week 13 (7/12/21) Final Exam Building Mathematics, Tuesday 7/12/21

Level: Post-secondary education

Time: 2 hours

Page 1

Mat 1014-2

Note: answer any 10 questions

(20 marks each)

1. A rectangular prism has a length of 10, a width of 5, and a height of 3. Find its volume.
2. A rectangular prism has a length of 10, a width of 5, and a height of 3. Find its surface area.
3. A rectangular prism has a length of 10, a width of 5, and a height of 3. Find its diagonal.
4. A rectangular prism has a length of 10, a width of 5, and a height of 3. Find its lateral surface area.
5. A rectangular prism has a length of 10, a width of 5, and a height of 3. Find its total surface area.
6. A rectangular prism has a length of 10, a width of 5, and a height of 3. Find its volume.
7. A rectangular prism has a length of 10, a width of 5, and a height of 3. Find its surface area.
8. A rectangular prism has a length of 10, a width of 5, and a height of 3. Find its diagonal.
9. A rectangular prism has a length of 10, a width of 5, and a height of 3. Find its lateral surface area.
10. A rectangular prism has a length of 10, a width of 5, and a height of 3. Find its total surface area.

Page 2

Note: answer any 10 questions

(20 marks each)

11. A rectangular prism has a length of 10, a width of 5, and a height of 3. Find its volume.
12. A rectangular prism has a length of 10, a width of 5, and a height of 3. Find its surface area.
13. A rectangular prism has a length of 10, a width of 5, and a height of 3. Find its diagonal.
14. A rectangular prism has a length of 10, a width of 5, and a height of 3. Find its lateral surface area.
15. A rectangular prism has a length of 10, a width of 5, and a height of 3. Find its total surface area.
16. A rectangular prism has a length of 10, a width of 5, and a height of 3. Find its volume.
17. A rectangular prism has a length of 10, a width of 5, and a height of 3. Find its surface area.
18. A rectangular prism has a length of 10, a width of 5, and a height of 3. Find its diagonal.
19. A rectangular prism has a length of 10, a width of 5, and a height of 3. Find its lateral surface area.
20. A rectangular prism has a length of 10, a width of 5, and a height of 3. Find its total surface area.



MINISTRY OF EDUCATION

(2020-21)

Ministry of Education, Government of India

Ministry of Education, Government of India

Ministry of Education

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WZB 1914 PAPER

Code No. 220

Part B: MCQ, Short Answer, and Long Answer Questions (Total: 100)

Topic: National Security

Part B: MCQ

100 Marks

Part B

Note: Answer any 10 questions

100 Marks

1. Which of the following is not a component of the National Security Strategy?
2. Which of the following is not a component of the National Security Strategy?
3. Which of the following is not a component of the National Security Strategy?
4. Which of the following is not a component of the National Security Strategy?
5. Which of the following is not a component of the National Security Strategy?
6. Which of the following is not a component of the National Security Strategy?
7. Which of the following is not a component of the National Security Strategy?
8. Which of the following is not a component of the National Security Strategy?
9. Which of the following is not a component of the National Security Strategy?
10. Which of the following is not a component of the National Security Strategy?

Part C

Note: Answer any 10 questions

100 Marks

1. Which of the following is not a component of the National Security Strategy?
2. Which of the following is not a component of the National Security Strategy?
3. Which of the following is not a component of the National Security Strategy?
4. Which of the following is not a component of the National Security Strategy?
5. Which of the following is not a component of the National Security Strategy?
6. Which of the following is not a component of the National Security Strategy?
7. Which of the following is not a component of the National Security Strategy?
8. Which of the following is not a component of the National Security Strategy?
9. Which of the following is not a component of the National Security Strategy?
10. Which of the following is not a component of the National Security Strategy?



FACULTY OF PHARMACY

2024/25 (SEM 1)

Pharmaceutical Chemistry (Pharmaceutical Chemistry I)

Subject: Pharmaceutical Chemistry I

SEMESTER 1

SEMESTER 1

PART A

100% Answer any 10 Questions

100% Answer any 10 Questions

1. Name the acid function of Glucose and its structure.
2. Name the acid function of Glucose and its structure.
3. Name the acid function of Glucose and its structure.
4. Name the acid function of Glucose and its structure.
5. Name the acid function of Glucose and its structure.
6. Name the acid function of Glucose and its structure.
7. Name the acid function of Glucose and its structure.
8. Name the acid function of Glucose and its structure.
9. Name the acid function of Glucose and its structure.
10. Name the acid function of Glucose and its structure.

PART B

100% Answer any 10 Questions

100% Answer any 10 Questions

1. Name the acid function of Glucose and its structure.
2. Name the acid function of Glucose and its structure.
3. Name the acid function of Glucose and its structure.
4. Name the acid function of Glucose and its structure.
5. Name the acid function of Glucose and its structure.
6. Name the acid function of Glucose and its structure.
7. Name the acid function of Glucose and its structure.
8. Name the acid function of Glucose and its structure.
9. Name the acid function of Glucose and its structure.
10. Name the acid function of Glucose and its structure.



UNIVERSITY OF THE PACIFIC

Course Code

Module 1: Introduction to the course and the importance of the course

Module 2: Introduction to the course and the importance of the course

Time: 1 hour

Max. Marks: 70

Note: Please read the questions carefully before attempting to answer them.

Part 1: Multiple Choice Questions

1. What are the primary uses of the course?
2. What are the primary uses of the course?
3. What are the primary uses of the course?
4. What are the primary uses of the course?
5. What are the primary uses of the course?
6. What are the primary uses of the course?
7. What are the primary uses of the course?
8. What are the primary uses of the course?
9. What are the primary uses of the course?
10. What are the primary uses of the course?

Part 2: Short Answer Questions

1. a) Explain the importance of the course. (10 marks)
b) What are the primary uses of the course? (10 marks)
2. a) Explain the importance of the course. (10 marks)
b) What are the primary uses of the course? (10 marks)
3. a) Explain the importance of the course. (10 marks)
b) What are the primary uses of the course? (10 marks)
4. a) Explain the importance of the course. (10 marks)
b) What are the primary uses of the course? (10 marks)
5. a) Explain the importance of the course. (10 marks)
b) What are the primary uses of the course? (10 marks)
6. a) Explain the importance of the course. (10 marks)
b) What are the primary uses of the course? (10 marks)
7. a) Explain the importance of the course. (10 marks)
b) What are the primary uses of the course? (10 marks)
8. a) Explain the importance of the course. (10 marks)
b) What are the primary uses of the course? (10 marks)
9. a) Explain the importance of the course. (10 marks)
b) What are the primary uses of the course? (10 marks)
10. a) Explain the importance of the course. (10 marks)
b) What are the primary uses of the course? (10 marks)



UNIVERSITY OF CALICUT

Course: BBA

Semester: IV

Subject: Business Law

Time: 1 hour

Date: / /

Write answers for the questions from 1 to 10. Answer any five questions from 11 to 15.

PART A (SHORT ANSWERS)

1. Define the term 'Contract'.
2. Define 'Offer' and 'Acceptance'.
3. Define 'Consideration'.
4. Define 'Capacity'.
5. Define 'Free Consent'.
6. Define 'Fraud'.
7. Define 'Mistake'.
8. Define 'Coercion'.
9. Define 'Undue Influence'.
10. Define 'Necessity'.

PART B (LONG ANSWERS)

11. Define 'Contract' and explain its essential elements. (10)
12. Define 'Offer' and explain its classification. (10)
13. Define 'Consideration' and explain its classification. (10)
14. Define 'Capacity' and explain its classification. (10)
15. Define 'Free Consent' and explain its classification. (10)
16. Define 'Fraud' and explain its classification. (10)
17. Define 'Mistake' and explain its classification. (10)
18. Define 'Coercion' and explain its classification. (10)
19. Define 'Undue Influence' and explain its classification. (10)
20. Define 'Necessity' and explain its classification. (10)



Code No. 0021

2024/25 (4-PAGE)

START OF PRACTICE FOR PART A: THEORY EXAMINATION, July 2024

Subject: Pharmaceutical Formulation

Max. Marks: 70

Time: 2 Hours

Write answers of questions from Part-A, answering 7 questions from Part-B.

Total - 4 (1+1+1+1)

1. What is a capsule? Give an example of it in its construction and use.
2. Explain the purpose of the following components.
3. Describe the advantages and disadvantages of hard capsules.
4. Write the advantages and disadvantages of hard capsules.
5. Explain the purpose of the following components.
6. Explain the purpose of the following components.
7. Explain the purpose of the following components.
8. Explain the purpose of the following components.
9. Explain the purpose of the following components.
10. Explain the purpose of the following components.

PART-B (50 Marks)

1. Write a short note on the following: (10 Marks)
2. Explain the purpose of the following components. (10 Marks)
3. What are the advantages and disadvantages of hard capsules? Describe the construction and use of hard capsules. (10 Marks)
4. Explain the purpose of the following components. (10 Marks)
5. (a) Write the purpose of the following components. (10 Marks)
(b) Describe the purpose of the following components. (10 Marks)
6. Explain the purpose of the following components. (10 Marks)
7. Explain the purpose of the following components. (10 Marks)
8. What are the advantages and disadvantages of hard capsules? Describe the construction and use of hard capsules. (10 Marks)



INSTITUTE OF PHARMACY

Exam: B.Ph. (D) / 1st Year (B.Sc. & Nursing) Examination: July 2021

Subject: Botany (B.Sc. & Nursing)

Time: 1 Hour

Max. Marks: 70

Write answer in question form. Answer 1. Answer any five questions from 2 to 10.

1. What are the characteristics of a good laboratory report?
2. Write the significance of a laboratory report.
3. What is a good laboratory report?
4. Write the characteristics of a good laboratory report.
5. Write the characteristics of a good laboratory report.
6. Write the characteristics of a good laboratory report.
7. Write the characteristics of a good laboratory report.
8. Write the characteristics of a good laboratory report.
9. Write the characteristics of a good laboratory report.
10. Write the characteristics of a good laboratory report.

PART - B (20 Marks)

11. Define DNA. Explain the structure and properties of DNA. (10)
12. a) Classify different types of cell division. (2)
b) Explain the mechanism of action of a cell cycle. (2)
13. a) Give the classification of cell division. (2)
b) Explain the mechanism of action of a cell cycle. (2)
14. a) Classify different types of cell division. (2)
b) Explain the mechanism of action of a cell cycle. (2)
15. a) Define cell division. (2)
b) Explain the mechanism of action of a cell cycle. (2)
16. a) Define cell division. (2)
b) Explain the mechanism of action of a cell cycle. (2)
17. a) Define cell division. (2)
b) Explain the mechanism of action of a cell cycle. (2)
18. a) Define cell division. (2)
b) Explain the mechanism of action of a cell cycle. (2)
19. a) Define cell division. (2)
b) Explain the mechanism of action of a cell cycle. (2)
20. a) Define cell division. (2)
b) Explain the mechanism of action of a cell cycle. (2)



COUNCIL FOR THE INDIAN SCHOOL CERTIFICATE EXAMINATIONS

Code No. 0601

MINISTRY OF EDUCATION, GOVERNMENT OF INDIA, NEW DELHI

Subject: Mathematics-I

Time: 3 hours

Max. Marks: 70

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

PART-I (50 Marks)

1. Write the principle involved in following method.
2. Name vertices and ordinates.
3. Name vertices of each of the following.
4. Name and describe T.C. and P.T.C.
5. Name and explain Simplex method.
6. Write about the reference standard used in V.M.
7. Explain the principle involved in finding the maximum and minimum.
8. Write the computer of sufficient support.
9. Explain the principle involved in finding the maximum and minimum.
10. Write the principle involved in finding the maximum and minimum.

PART-II (20 Marks)

11. Write the principle involved in finding the maximum and minimum. (10)
12. Calculate the value of $\sin^{-1} \left(\frac{1}{\sqrt{2}} \right)$. (10)
13. Write the principle involved in finding the maximum and minimum. (10)
14. Write the principle involved in finding the maximum and minimum. (10)
15. Write the principle involved in finding the maximum and minimum. (10)
16. Write the principle involved in finding the maximum and minimum. (10)
17. Write the principle involved in finding the maximum and minimum. (10)
18. Write the principle involved in finding the maximum and minimum. (10)
19. Write the principle involved in finding the maximum and minimum. (10)
20. Write the principle involved in finding the maximum and minimum. (10)



FACULTY OF PHARMACY

Exam No. (25)

Exam 1st-2nd 2 - 2nd year - 1st session - January, 2015
Subject: Pharmacology - 4

Time: 2 hours

Max. marks: 40

Write answer all questions from Part - A, and Five questions from Part - B.

Part - A (10 x 10 Marks)

1. Write a note on antitubercular.
2. Explain the mechanism involved in an antihistaminic drugs.
3. Explain the action of diuretics.
4. Explain the mechanism of action of diuretics.
5. Classify anti-cancer drugs.
6. Name the commonest type of TB test in clinical laboratory.
7. How TB is diagnosed in laboratory?
8. Name 2 adverse reactions of diuretics.
9. Name 2 anti-cancer drugs.
10. Name 2 adverse reactions of anti-cancer drugs.

Part - B (4 x 10 Marks)

11. Explain the mechanism of action of anti-tubercular drugs.
12. Describe the mechanism of action of anti-histaminic drugs.
13. Write the pharmacology of diuretics and antihypertensives.
14. Classify anti-cancer drugs. Write the pharmacology of anti-cancer drugs.
15. Describe the mechanism of action of anti-cancer drugs.
16. Explain the mechanism of action of anti-cancer drugs.
17. Explain the mechanism of action of anti-cancer drugs.
18. How is TB diagnosed? Describe the drugs used in TB therapy. Write the pharmacology of anti-cancer drugs.



FACULTY OF HEALTH SCIENCES

Course: 1204

Module: 12040101 - Human Anatomy & Physiology 1 (Semester 1) 2020
 (Support module for 12040101)

Exam: 12040101

Reference: 12040101

This module all questions from Part - A, and five questions from Part - B.

MARKS: 4 (104) = 10 Marks

1. Define the term "anatomy".
2. Describe the four types of tissue in the body.
3. Give two examples of epithelial tissue and describe their functions.
4. Describe the structure and function of a neuron.
5. Describe the structure and function of a muscle fiber.
6. Name the three types of muscle tissue and describe their functions.
7. Name the three types of connective tissue and describe their functions.
8. Name the three types of blood cells and describe their functions.
9. Name the three types of white blood cells and describe their functions.
10. Name the three types of red blood cells and describe their functions.

PART - B (104) = 10 Marks

11. a) What is the function of the following structures? (10 marks)
 - i) Epithelial tissue: to cover and protect the body.
 - ii) Connective tissue: to support and connect the body.
 - iii) Muscle tissue: to contract and move the body.
 - iv) Nervous tissue: to transmit electrical impulses.
12. a) What is the function of the following structures? (10 marks)
 - i) Epithelial tissue: to cover and protect the body.
 - ii) Connective tissue: to support and connect the body.
 - iii) Muscle tissue: to contract and move the body.
 - iv) Nervous tissue: to transmit electrical impulses.
13. a) What is the function of the following structures? (10 marks)
 - i) Epithelial tissue: to cover and protect the body.
 - ii) Connective tissue: to support and connect the body.
 - iii) Muscle tissue: to contract and move the body.
 - iv) Nervous tissue: to transmit electrical impulses.
14. a) What is the function of the following structures? (10 marks)
 - i) Epithelial tissue: to cover and protect the body.
 - ii) Connective tissue: to support and connect the body.
 - iii) Muscle tissue: to contract and move the body.
 - iv) Nervous tissue: to transmit electrical impulses.
15. a) What is the function of the following structures? (10 marks)
 - i) Epithelial tissue: to cover and protect the body.
 - ii) Connective tissue: to support and connect the body.
 - iii) Muscle tissue: to contract and move the body.
 - iv) Nervous tissue: to transmit electrical impulses.
16. a) What is the function of the following structures? (10 marks)
 - i) Epithelial tissue: to cover and protect the body.
 - ii) Connective tissue: to support and connect the body.
 - iii) Muscle tissue: to contract and move the body.
 - iv) Nervous tissue: to transmit electrical impulses.
17. a) What is the function of the following structures? (10 marks)
 - i) Epithelial tissue: to cover and protect the body.
 - ii) Connective tissue: to support and connect the body.
 - iii) Muscle tissue: to contract and move the body.
 - iv) Nervous tissue: to transmit electrical impulses.
18. a) What is the function of the following structures? (10 marks)
 - i) Epithelial tissue: to cover and protect the body.
 - ii) Connective tissue: to support and connect the body.
 - iii) Muscle tissue: to contract and move the body.
 - iv) Nervous tissue: to transmit electrical impulses.



FACULTY OF PHARMACY

Version: 12/19

Pharm C-3-Y2020 & - Year 3 and 4 Exemption Examination July 2021

Subject: Pharmaceutical Analysis

Time: 2 hours

Maximum: 60

Notes: Answer all questions from Part - 1 & select five questions from Part - 2

PART - 1 (10 x 5 = 50 Marks)

1. Name two types of binary systems
2. Define solubility and partition
3. Write a few types of chemical adsorption in two sentences
4. Compare adsorption and partition
5. Differentiate between adsorption and absorption
6. Write about the following adsorbent: Activated Carbon
7. Explain the principle of adsorption in liquid chromatography
8. List out the physical properties of adsorbent
9. Define chemical adsorption
10. Write the principle of adsorption in gas chromatography

PART - 2 (5 x 8 = 40 Marks)

11. Give brief notes on:
 - a. pH
 - b. pKa
12. Write procedure of titration of weak acid with strong base
13. Explain the working principle of titrimetric analysis for acid-base reaction
14. Draw a typical titration curve for a weak acid with a strong base
15. Define chemical and physical adsorption
16. Give an example of each type of adsorption
17. Explain the principle and technique of gas chromatography
18. a) List out the various types of packing of HPLC
b) Name the principle and application of HPLC



FACULTY OF PHARMACY

School of Pharmacy – Pharmacy Education, Quality and Research

Faculty of Pharmacy

Year 1 (2021)

Max Marks: 70

Note: Answer all questions with Part A & B (Total 70 Marks) (Part questions from 10 to 14)

Part A (10 x 2 = 20 Marks)

1. Differentiate between Pharmacokinetics and Pharmacodynamics.
2. What is the common definition of drug absorption?
3. What is the role of pharmacokinetics in the treatment of pharmacokinetic drug?
4. What are the main types of drug metabolism?
5. What is the role of pharmacokinetics in the treatment of drug metabolism?
6. What are the main types of drug metabolism?
7. What are the main types of drug metabolism?
8. What are the main types of drug metabolism?
9. What are the main types of drug metabolism?
10. What are the main types of drug metabolism?

Part B (10 x 10 = 100 Marks)

1. a. Discuss the role of pharmacokinetics in the treatment of drug. (10)
b. What is the role of pharmacokinetics in the treatment of drug? (10)
2. a. Discuss the role of pharmacokinetics in the treatment of drug. (10)
b. What is the role of pharmacokinetics in the treatment of drug? (10)
3. a. Discuss the role of pharmacokinetics in the treatment of drug. (10)
b. What is the role of pharmacokinetics in the treatment of drug? (10)
4. a. Discuss the role of pharmacokinetics in the treatment of drug. (10)
b. What is the role of pharmacokinetics in the treatment of drug? (10)
5. a. Discuss the role of pharmacokinetics in the treatment of drug. (10)
b. What is the role of pharmacokinetics in the treatment of drug? (10)
6. a. Discuss the role of pharmacokinetics in the treatment of drug. (10)
b. What is the role of pharmacokinetics in the treatment of drug? (10)
7. a. Discuss the role of pharmacokinetics in the treatment of drug. (10)
b. What is the role of pharmacokinetics in the treatment of drug? (10)
8. a. Discuss the role of pharmacokinetics in the treatment of drug. (10)
b. What is the role of pharmacokinetics in the treatment of drug? (10)
9. a. Discuss the role of pharmacokinetics in the treatment of drug. (10)
b. What is the role of pharmacokinetics in the treatment of drug? (10)
10. a. Discuss the role of pharmacokinetics in the treatment of drug. (10)
b. What is the role of pharmacokinetics in the treatment of drug? (10)



SCHOOL OF ENGINEERING

Course: 120

Year 1 - 2023 - 2024 - Year 1 - 2024 - 2025

Subject: Mechanical Engineering

Unit: 1

Unit: 1

Unit: 1 - 2023 - 2024 - 2025

Unit: 1 - 2023 - 2024 - 2025

1. Unit: 1 - 2023 - 2024 - 2025
2. Unit: 1 - 2023 - 2024 - 2025
3. Unit: 1 - 2023 - 2024 - 2025
4. Unit: 1 - 2023 - 2024 - 2025
5. Unit: 1 - 2023 - 2024 - 2025
6. Unit: 1 - 2023 - 2024 - 2025
7. Unit: 1 - 2023 - 2024 - 2025
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Unit: 1 - 2023 - 2024 - 2025

1. Unit: 1 - 2023 - 2024 - 2025
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3. Unit: 1 - 2023 - 2024 - 2025
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8. Unit: 1 - 2023 - 2024 - 2025
9. Unit: 1 - 2023 - 2024 - 2025
10. Unit: 1 - 2023 - 2024 - 2025



UNIVERSITY OF MEDICINE & HEALTH SCIENCES
Nepal College of Health Related Professions, Pokhara

2080/2081

Subject: Pharmacology - II

Time: 3 hours

Total Marks: 80

Read the following questions carefully and answer any five questions from Part B

Part A: 40 Marks (20 Marks)

1. Write briefly about the mechanism of action of the following drugs:
 - a. Lidocaine
 - b. Propofol
 - c. Ketamine
 - d. Nitroglycerin
 - e. Fentanyl
 - f. Etomidate
 - g. Thiopental
 - h. Propofol
 - i. Nitroglycerin
 - j. Fentanyl
2. Write the mechanism of action of the following drugs:
 - a. Lidocaine
 - b. Propofol
 - c. Ketamine
 - d. Nitroglycerin
 - e. Fentanyl
 - f. Etomidate
 - g. Thiopental
 - h. Propofol
 - i. Nitroglycerin
 - j. Fentanyl
3. Write the mechanism of action of the following drugs:
 - a. Lidocaine
 - b. Propofol
 - c. Ketamine
 - d. Nitroglycerin
 - e. Fentanyl
 - f. Etomidate
 - g. Thiopental
 - h. Propofol
 - i. Nitroglycerin
 - j. Fentanyl
4. Write the mechanism of action of the following drugs:
 - a. Lidocaine
 - b. Propofol
 - c. Ketamine
 - d. Nitroglycerin
 - e. Fentanyl
 - f. Etomidate
 - g. Thiopental
 - h. Propofol
 - i. Nitroglycerin
 - j. Fentanyl
5. Write the mechanism of action of the following drugs:
 - a. Lidocaine
 - b. Propofol
 - c. Ketamine
 - d. Nitroglycerin
 - e. Fentanyl
 - f. Etomidate
 - g. Thiopental
 - h. Propofol
 - i. Nitroglycerin
 - j. Fentanyl

Part B: 40 Marks (20 Marks)

1. Classify the following drugs according to their mechanism of action:
 - a. Lidocaine
 - b. Propofol
 - c. Ketamine
 - d. Nitroglycerin
 - e. Fentanyl
 - f. Etomidate
 - g. Thiopental
 - h. Propofol
 - i. Nitroglycerin
 - j. Fentanyl
2. Write the mechanism of action of the following drugs:
 - a. Lidocaine
 - b. Propofol
 - c. Ketamine
 - d. Nitroglycerin
 - e. Fentanyl
 - f. Etomidate
 - g. Thiopental
 - h. Propofol
 - i. Nitroglycerin
 - j. Fentanyl
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 - a. Lidocaine
 - b. Propofol
 - c. Ketamine
 - d. Nitroglycerin
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 - f. Etomidate
 - g. Thiopental
 - h. Propofol
 - i. Nitroglycerin
 - j. Fentanyl
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 - a. Lidocaine
 - b. Propofol
 - c. Ketamine
 - d. Nitroglycerin
 - e. Fentanyl
 - f. Etomidate
 - g. Thiopental
 - h. Propofol
 - i. Nitroglycerin
 - j. Fentanyl
5. Write the mechanism of action of the following drugs:
 - a. Lidocaine
 - b. Propofol
 - c. Ketamine
 - d. Nitroglycerin
 - e. Fentanyl
 - f. Etomidate
 - g. Thiopental
 - h. Propofol
 - i. Nitroglycerin
 - j. Fentanyl



UNIVERSITY OF PRETORIA
Faculty of Health Sciences – School of Health Sciences

Soweto, 1111

Subject: Medical Microbiology

Time: 2 hours

Max. Marks: 75

Start answer all questions from Part – A and answer any five questions from Part B.

PART – A (10 x 2 = 20 Marks)

1. Give one practical example of facultative anaerobiosis.
2. Explain the mechanism of action of isoniazid. Illustrate an alternative system of acronym.
3. Give two examples of therapeutic uses of Cloxacillin.
4. Describe the mechanism of action of
5. Name two examples of anti-inflammatory drugs.
6. Name the mechanism of action of drug used as immunosuppressant and as anti-cancer drug.
7. Explain the mechanism of action of drug used as immunosuppressant.
8. Describe the mechanism of action of
9. Explain the mechanism of action of drug used as immunosuppressant.
10. Explain the mechanism of action of drug used as immunosuppressant.

PART – B (5 x 15 = 75 Marks)

1. (a) Give the classification of anti-tubercular drugs giving two examples for each drug.
 (b) Explain the mechanism of action of isoniazid.
2. (a) Give the mechanism of action of Cloxacillin.
 (b) Give the mechanism of action of Cloxacillin.
3. (a) Give the mechanism of action of Cloxacillin.
 (b) Give the mechanism of action of Cloxacillin.
4. (a) Give the mechanism of action of Cloxacillin.
 (b) Give the mechanism of action of Cloxacillin.
5. (a) Give the mechanism of action of Cloxacillin.
 (b) Give the mechanism of action of Cloxacillin.
6. (a) Give the mechanism of action of Cloxacillin.
 (b) Give the mechanism of action of Cloxacillin.
7. (a) Give the mechanism of action of Cloxacillin.
 (b) Give the mechanism of action of Cloxacillin.
8. (a) Give the mechanism of action of Cloxacillin.
 (b) Give the mechanism of action of Cloxacillin.
9. (a) Give the mechanism of action of Cloxacillin.
 (b) Give the mechanism of action of Cloxacillin.
10. (a) Give the mechanism of action of Cloxacillin.
 (b) Give the mechanism of action of Cloxacillin.



Code No. 1111

PHARMACY

Part I & Part II - 1st year 1st semester, March 2019

Subject: Pharmaceutical Jurisprudence

Time: 2 Hours

Max. Marks: 75

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

Part - I (30 Marks)

1. Define pharmaceutical law.
2. What are the sources of Law?
3. How is the constitution of the Parliament?
4. What is the function of the President?
5. Define the function of the Council of Ministers.
6. What is the function of the Council of Ministers?
7. What is the function of the Council of Ministers?
8. What is the function of the Council of Ministers?
9. What is the function of the Council of Ministers?
10. What is the function of the Council of Ministers?

Part - II (45 Marks)

1. What are the objects of the Pharmacy Act, 1948? Define the constitution and function of the Council of Ministers.
2. Define the constitution of the Council of Ministers and its functions.
3. Define the constitution of the Council of Ministers and its functions.
4. Define the constitution of the Council of Ministers and its functions.
5. Define the constitution of the Council of Ministers and its functions.
6. Define the constitution of the Council of Ministers and its functions.
7. Define the constitution of the Council of Ministers and its functions.
8. Define the constitution of the Council of Ministers and its functions.
9. Define the constitution of the Council of Ministers and its functions.
10. Define the constitution of the Council of Ministers and its functions.



PHARM 11114 (2020/21)

Code 101/1111

PHARM 11114 is a two-part examination, based on the

subject pharmacokinetics + 8

PHARM 11114

PHARM 11114

PHARM 11114 is a two-part examination, based on the

subject pharmacokinetics + 8

1. Write a brief introduction to pharmacokinetics.
2. Write a brief introduction to pharmacokinetics, including the importance of pharmacokinetics.
3. Write a brief introduction to pharmacokinetics, including the importance of pharmacokinetics.
4. Write a brief introduction to pharmacokinetics, including the importance of pharmacokinetics.
5. Write a brief introduction to pharmacokinetics, including the importance of pharmacokinetics.
6. Write a brief introduction to pharmacokinetics, including the importance of pharmacokinetics.
7. Write a brief introduction to pharmacokinetics, including the importance of pharmacokinetics.
8. Write a brief introduction to pharmacokinetics, including the importance of pharmacokinetics.

PHARM 11114

1. Write a brief introduction to pharmacokinetics, including the importance of pharmacokinetics.
2. Write a brief introduction to pharmacokinetics, including the importance of pharmacokinetics.
3. Write a brief introduction to pharmacokinetics, including the importance of pharmacokinetics.
4. Write a brief introduction to pharmacokinetics, including the importance of pharmacokinetics.
5. Write a brief introduction to pharmacokinetics, including the importance of pharmacokinetics.
6. Write a brief introduction to pharmacokinetics, including the importance of pharmacokinetics.
7. Write a brief introduction to pharmacokinetics, including the importance of pharmacokinetics.
8. Write a brief introduction to pharmacokinetics, including the importance of pharmacokinetics.
9. Write a brief introduction to pharmacokinetics, including the importance of pharmacokinetics.
10. Write a brief introduction to pharmacokinetics, including the importance of pharmacokinetics.
11. Write a brief introduction to pharmacokinetics, including the importance of pharmacokinetics.
12. Write a brief introduction to pharmacokinetics, including the importance of pharmacokinetics.
13. Write a brief introduction to pharmacokinetics, including the importance of pharmacokinetics.
14. Write a brief introduction to pharmacokinetics, including the importance of pharmacokinetics.
15. Write a brief introduction to pharmacokinetics, including the importance of pharmacokinetics.
16. Write a brief introduction to pharmacokinetics, including the importance of pharmacokinetics.
17. Write a brief introduction to pharmacokinetics, including the importance of pharmacokinetics.
18. Write a brief introduction to pharmacokinetics, including the importance of pharmacokinetics.
19. Write a brief introduction to pharmacokinetics, including the importance of pharmacokinetics.
20. Write a brief introduction to pharmacokinetics, including the importance of pharmacokinetics.



Note: Answer all questions from Part A and answer any five questions from Part B.

PART - A (1 x 2 = 2 Marks)

1. Write a brief note on either: a) protein kinase C or b) G-proteins.
2. How is the cell cycle regulated?
3. Write out the primary unit of measure for amount of material?
4. Write a sentence or short paragraph explaining how a cell is able to maintain its shape.
5. Give three characteristics of a cell.
6. Write a brief note on osmosis.
7. What is the primary source of energy for cells?
8. Write out the full name of the following:
9. Define the term: apoptosis.
10. Write a sentence explaining the function of the following:

PART - B (5 x 9 = 45 Marks)

11. a) Describe the structure of the nucleus and its function.
b) What is the role of the nucleolus in the nucleus?
12. a) Describe the structure of the cell membrane.
b) How is the cell membrane able to maintain its shape?
13. a) Write a note on the structure and function of the nucleus.
b) How is the nucleus able to maintain its shape?
14. a) Describe the structure of the nucleus and its function.
b) How is the nucleus able to maintain its shape?
15. a) Write a note on the structure and function of the nucleus.
b) How is the nucleus able to maintain its shape?
16. a) Describe the structure of the nucleus and its function.
b) How is the nucleus able to maintain its shape?
17. a) Write a note on the structure and function of the nucleus.
b) How is the nucleus able to maintain its shape?
18. a) Describe the structure of the nucleus and its function.
b) How is the nucleus able to maintain its shape?



FACULTY OF PHARMACY

COOPH 433

Pharm 433: Acquisition of Drug Information, July 2011
Duration: 1 hour 15 minutes (1 hour 15 minutes)

Time: 1 hour

Max. Marks: 70

Note: Answer all questions from Part A and answer any three questions from Part B.

PART A (10 x 5 = 50 Marks)

1. Define I and II Schedule according to D.D.A.
2. Give the leading requirements for new over-the-counter drugs, vitamins and minerals.
3. What is the definition of a generic name according to D.D.A?
4. What are 'Formal' and 'Custom' 100% Formulation of Drugs in Nigeria?
5. What is 'Late Patent'?
6. Define the categories of chemical preparations which are subject to excise duty according to Section 13(1)(a) of D.D.A.
7. Define the separate list or 'Index' for listing of drugs in 'Pharmacy' and 'Chemist' and suggest five.
8. Mention the formulae to calculate Total P.O.D. and Drug Price Control Order (DPCO).
9. What are 'Fixed' and 'Variable' under 'Index' and 'Design A'?
10. 10. What is the definition of 'Index' according to D.D.A?

PART B (5 x 10 = 50 Marks)

11. Describe the role of 'Pharmaceutical'.
12. What are the 'Pharmaceutical' and 'Chemical' products of 'Pharmaceutical' and 'Chemical'?
13. What are the 'Pharmaceutical' and 'Chemical' products of 'Pharmaceutical' and 'Chemical'?
14. What are the 'Pharmaceutical' and 'Chemical' products of 'Pharmaceutical' and 'Chemical'?
15. What are the 'Pharmaceutical' and 'Chemical' products of 'Pharmaceutical' and 'Chemical'?
16. What are the 'Pharmaceutical' and 'Chemical' products of 'Pharmaceutical' and 'Chemical'?
17. What are the 'Pharmaceutical' and 'Chemical' products of 'Pharmaceutical' and 'Chemical'?
18. What are the 'Pharmaceutical' and 'Chemical' products of 'Pharmaceutical' and 'Chemical'?
19. What are the 'Pharmaceutical' and 'Chemical' products of 'Pharmaceutical' and 'Chemical'?
20. What are the 'Pharmaceutical' and 'Chemical' products of 'Pharmaceutical' and 'Chemical'?



PHARMACY

Pharmaceutical Chemistry-I, July 2017

Liquid, Pharmacology-I

Time: 3 Hours

Max. Marks: 75

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

PART-I (50 Marks)

1. What are the advantages of Parenteral formulations?
2. What is role of Sterilizing?
3. Describe about parenteral drugs.
4. Describe about Sterilization.
5. Give the method of aseptic technique.
6. Give the method of aseptic technique.
7. Describe about aseptic technique of the cell.
8. What are the principles involved in aseptic technique?
9. Describe aseptic technique and some important points.
10. Define a sterility - aseptic technique and aseptic technique.

PART-II (25 Marks)

11. What are the main principles of aseptic technique in parenteral formulation? (10 Marks)
12. What are the different methods of sterilization? Describe the method of aseptic technique. (10 Marks)
13. Describe the mechanism of action of parenteral drugs and give the aseptic effects of drugs. (10 Marks)
14. What are the aseptic techniques in parenteral formulation? (10 Marks)
15. What are the aseptic techniques in parenteral formulation? (10 Marks)
16. Describe the aseptic techniques of aseptic technique. (10 Marks)
17. What are the aseptic techniques in parenteral formulation? (10 Marks)
18. Describe the aseptic techniques in parenteral formulation. (10 Marks)



Code No. 45B

PHYSICS-PAPER-I

Maximum Marks: 60 (Theory) + 20 (Practical) = 80

Duration: 3 hours

Max. Marks: 75

Time: 3 hours

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

Part - I (50 Marks)

1. Write the principle involved in an electric cell.
2. Define frequency and wavelength.
3. Name the phenomenon of reflection of light.
4. Distinguish between P-type and N-type semiconductors.
5. Define the term refractive index of a medium.
6. State the principle of conservation of energy.
7. Define the term potential energy of a body.
8. Define the term kinetic energy of a body.
9. Define the term work done by a force.
10. Define the term power.

Part - II (30 Marks)

1. Write the principle involved in an electric cell.
2. Define frequency and wavelength.
3. Name the phenomenon of reflection of light.
4. Distinguish between P-type and N-type semiconductors.
5. Define the term refractive index of a medium.
6. State the principle of conservation of energy.
7. Define the term potential energy of a body.
8. Define the term kinetic energy of a body.
9. Define the term work done by a force.
10. Define the term power.



PRACTICE PROBLEM SET

Microbiology of the Human Body (Lectures 1-10)

Subject: Medical Microbiology

Date: _____

Time: 1.5 hours

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

PART I – 60 (100%) MARKS

1. What is a normal microbiome and its function?
2. Give two products of apoptosis.
3. What is a type of cellular communication?
4. What is the purpose of the cell cycle?
5. What is the function of the cell cycle?
6. Name two functions of the cell cycle.
7. Name two functions of the cell cycle.
8. Name two functions of the cell cycle.
9. Name two functions of the cell cycle.
10. Name two functions of the cell cycle.
11. Name two functions of the cell cycle.
12. Name two functions of the cell cycle.
13. Name two functions of the cell cycle.
14. Name two functions of the cell cycle.
15. Name two functions of the cell cycle.
16. Name two functions of the cell cycle.
17. Name two functions of the cell cycle.
18. Name two functions of the cell cycle.
19. Name two functions of the cell cycle.
20. Name two functions of the cell cycle.

PART II – 40 (100%) MARKS

1. Name two functions of the cell cycle.
2. Name two functions of the cell cycle.
3. Name two functions of the cell cycle.
4. Name two functions of the cell cycle.
5. Name two functions of the cell cycle.
6. Name two functions of the cell cycle.
7. Name two functions of the cell cycle.
8. Name two functions of the cell cycle.
9. Name two functions of the cell cycle.
10. Name two functions of the cell cycle.
11. Name two functions of the cell cycle.
12. Name two functions of the cell cycle.
13. Name two functions of the cell cycle.
14. Name two functions of the cell cycle.
15. Name two functions of the cell cycle.
16. Name two functions of the cell cycle.
17. Name two functions of the cell cycle.
18. Name two functions of the cell cycle.
19. Name two functions of the cell cycle.
20. Name two functions of the cell cycle.



FACULTY OF PHARMACY

Name: [] VSC [] H - Year (or) Sem: Summer, January 2014

Subject: Therapeutics & Drugs

Time: 3:00:00

Max. Marks: 75

Max. Marks: 10 questions from Part-I, University VSC questions from Part-II

Part-I - 27 Marks + 03 Marks

1. Explain the mechanism of action of the following drugs: (10)
2. Give the pharmacological action, pharmacokinetics and pharmacodynamics of the following drugs: (10)
3. Explain the mechanism of action of the following drugs: (10)
4. Give the mechanism of action of the following drugs: (10)
5. Explain the mechanism of action of the following drugs: (10)
6. Give the mechanism of action of the following drugs: (10)
7. Give the mechanism of action of the following drugs: (10)
8. Give the mechanism of action of the following drugs: (10)
9. Give the mechanism of action of the following drugs: (10)
10. Give the mechanism of action of the following drugs: (10)

Part-II - 27 Marks + 03 Marks

11. Give the mechanism of action of the following drugs: (10)
12. Give the mechanism of action of the following drugs: (10)
13. Give the mechanism of action of the following drugs: (10)
14. Give the mechanism of action of the following drugs: (10)
15. Give the mechanism of action of the following drugs: (10)
16. Give the mechanism of action of the following drugs: (10)
17. Give the mechanism of action of the following drugs: (10)
18. Give the mechanism of action of the following drugs: (10)
19. Give the mechanism of action of the following drugs: (10)
20. Give the mechanism of action of the following drugs: (10)



NCERT PRACTICE

Date No. / /

Part 2: IVCEB - Extended Exercise, January 2011

Topic: Maths - Chemistry

Time: 1 hour

Max. Marks: 20

For: Average preparation for Part 2, examine any 10 questions from Part 2.

Part 2 - 10 Questions - 20 Marks

1. Which compound is a derivative of the following? 1
2. Which compound is a derivative of the following? 1
3. Which compound is a derivative of the following? 1
4. Which compound is a derivative of the following? 1
5. Which compound is a derivative of the following? 1
6. Which compound is a derivative of the following? 1
7. Which compound is a derivative of the following? 1
8. Which compound is a derivative of the following? 1
9. Which compound is a derivative of the following? 1
10. Which compound is a derivative of the following? 1
11. Which compound is a derivative of the following? 1
12. Which compound is a derivative of the following? 1
13. Which compound is a derivative of the following? 1
14. Which compound is a derivative of the following? 1
15. Which compound is a derivative of the following? 1
16. Which compound is a derivative of the following? 1
17. Which compound is a derivative of the following? 1
18. Which compound is a derivative of the following? 1
19. Which compound is a derivative of the following? 1
20. Which compound is a derivative of the following? 1

Part 2 - 10 Questions - 20 Marks

1. Which compound is a derivative of the following? 1
2. Which compound is a derivative of the following? 1
3. Which compound is a derivative of the following? 1
4. Which compound is a derivative of the following? 1
5. Which compound is a derivative of the following? 1
6. Which compound is a derivative of the following? 1
7. Which compound is a derivative of the following? 1
8. Which compound is a derivative of the following? 1
9. Which compound is a derivative of the following? 1
10. Which compound is a derivative of the following? 1
11. Which compound is a derivative of the following? 1
12. Which compound is a derivative of the following? 1
13. Which compound is a derivative of the following? 1
14. Which compound is a derivative of the following? 1
15. Which compound is a derivative of the following? 1
16. Which compound is a derivative of the following? 1
17. Which compound is a derivative of the following? 1
18. Which compound is a derivative of the following? 1
19. Which compound is a derivative of the following? 1
20. Which compound is a derivative of the following? 1



FACULTY OF MEDICINE

UNIVERSITY OF MEDICINE AND HEALTH SCIENCES

Department of Pathology

Date: _____

Page No. _____

For the purpose of the examination, please use the following information:

NAME: _____

1. This is a multiple choice question. (1 mark)
2. There are four options to choose from. (1 mark)
3. The correct answer is the one that is most appropriate. (1 mark)
4. The correct answer is the one that is most appropriate. (1 mark)
5. The correct answer is the one that is most appropriate. (1 mark)
6. The correct answer is the one that is most appropriate. (1 mark)
7. The correct answer is the one that is most appropriate. (1 mark)
8. The correct answer is the one that is most appropriate. (1 mark)
9. The correct answer is the one that is most appropriate. (1 mark)
10. The correct answer is the one that is most appropriate. (1 mark)

NAME: _____

1. This is a multiple choice question. (1 mark)
2. There are four options to choose from. (1 mark)
3. The correct answer is the one that is most appropriate. (1 mark)
4. The correct answer is the one that is most appropriate. (1 mark)
5. The correct answer is the one that is most appropriate. (1 mark)
6. The correct answer is the one that is most appropriate. (1 mark)
7. The correct answer is the one that is most appropriate. (1 mark)
8. The correct answer is the one that is most appropriate. (1 mark)
9. The correct answer is the one that is most appropriate. (1 mark)
10. The correct answer is the one that is most appropriate. (1 mark)
11. The correct answer is the one that is most appropriate. (1 mark)
12. The correct answer is the one that is most appropriate. (1 mark)
13. The correct answer is the one that is most appropriate. (1 mark)
14. The correct answer is the one that is most appropriate. (1 mark)
15. The correct answer is the one that is most appropriate. (1 mark)
16. The correct answer is the one that is most appropriate. (1 mark)
17. The correct answer is the one that is most appropriate. (1 mark)
18. The correct answer is the one that is most appropriate. (1 mark)
19. The correct answer is the one that is most appropriate. (1 mark)
20. The correct answer is the one that is most appropriate. (1 mark)



FACULTY OF MEDICINE

DEPARTMENT OF PHYSIOLOGY

Applied Human Physiology

PHYS 3004

100472/021

For identification purposes only, please pay this particular attention

QUESTIONS 1-10

1. Describe the structure of the skeletal system. (10)
2. Explain the function of the skeletal system. (10)
3. Why does the skeletal system not move the body? (10)
4. Describe the structure of the skeletal system. (10)
5. Explain the function of the skeletal system. (10)
6. Why does the skeletal system not move the body? (10)
7. Describe the structure of the skeletal system. (10)
8. Explain the function of the skeletal system. (10)
9. Why does the skeletal system not move the body? (10)
10. Describe the structure of the skeletal system. (10)

QUESTIONS 11-20

11. Describe the structure of the skeletal system. (10)
12. Explain the function of the skeletal system. (10)
13. Why does the skeletal system not move the body? (10)
14. Describe the structure of the skeletal system. (10)
15. Explain the function of the skeletal system. (10)
16. Why does the skeletal system not move the body? (10)
17. Describe the structure of the skeletal system. (10)
18. Explain the function of the skeletal system. (10)
19. Why does the skeletal system not move the body? (10)
20. Describe the structure of the skeletal system. (10)



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

PART - I (8 x 3 = 24 Marks)

1. What is the area of a square having a perimeter of 40 cm?
2. How do you convert 100°C to °F?
3. What are the common units used to measure length?
4. State a unit for surface area, volume and time in management science.
5. Give three properties of triangles.
6. What is a line having no endpoints?
7. What are the different types of triangles?
8. What are the different types of angles?
9. Define a circle and its circumference.
10. Define a circle and its circumference.

PART - II (5 x 10 = 50 Marks)

11. (a) Explain the meaning of a circle and its circumference.
(b) Define the circumference of a circle and its units.
12. (a) Find the area of a circle with radius 14 cm.
(b) Find the circumference of a circle with radius 14 cm.
13. (a) Explain the meaning of a circle and its circumference.
(b) Define the circumference of a circle and its units.
14. (a) Find the area of a circle with radius 14 cm.
(b) Find the circumference of a circle with radius 14 cm.
15. (a) Explain the meaning of a circle and its circumference.
(b) Define the circumference of a circle and its units.
16. (a) Find the area of a circle with radius 14 cm.
(b) Find the circumference of a circle with radius 14 cm.
17. (a) Explain the meaning of a circle and its circumference.
(b) Define the circumference of a circle and its units.
18. (a) Find the area of a circle with radius 14 cm.
(b) Find the circumference of a circle with radius 14 cm.
19. (a) Explain the meaning of a circle and its circumference.
(b) Define the circumference of a circle and its units.
20. (a) Find the area of a circle with radius 14 cm.
(b) Find the circumference of a circle with radius 14 cm.



FACULTY OF PHARMACY

COU-PU-438

Pharm 438: Pharmacokinetics and Pharmacodynamics
August / September 2022

Time: 2 Hours

Max. Marks: 70

Note: Answer all questions from Part A and answer any five questions from Part B.

PART A (10 x 5 = 50 Marks)

1. Define $t_{1/2}$ and $t_{1/2\beta}$ according to D & C text.
2. Give the loading requirement for first order dosing drug, with one example.
3. What is the definition of q_{ss} according to D & C text?
4. What are 'Normal and Crystalline' 2000 Formulation of Drug in tablet?
5. What is 'Late harvest'?
6. Define the concept of 'pharmacokinetics' and 'pharmacodynamics' according to D & C text.
7. Define the equation for 'Volume of distribution' and 'Clearance' and 'Weight'.
8. Define the formulae for 'Mean Residence Time' and 'Time to Peak'.
9. What are 'First' and 'Second' order kinetics?
10. What is the definition of 'Dose' according to D & C text?

PART B (5 x 14 = 70 Marks)

11. Define 'First' and 'Second' order.
12. Define the 'Mean Residence Time' and 'Time to Peak' of a drug.
13. Define 'pharmacokinetics' and 'pharmacodynamics'.
14. Define the 'pharmacokinetics' and 'pharmacodynamics'.
15. Define the 'pharmacokinetics' and 'pharmacodynamics'.
16. Define the 'pharmacokinetics' and 'pharmacodynamics'.
17. Define the 'pharmacokinetics' and 'pharmacodynamics'.
18. Define the 'pharmacokinetics' and 'pharmacodynamics'.

**PHILIPPINE PHARMACY**

National Board of Pharmacy, July 2017

Liquid, Thermocouple (1)**Time: 1.5 hour****Max. Marks: 75****Note:** Answer all questions from Part I and answer any five questions from Part II.**Part I – 4 parts (40 marks)**

1. Name the principle of the "Direct Indirect" method of calibration.
2. Name a method of calibration.
3. Explain the term "linearity".
4. Explain the term "sensitivity".
5. Explain the term "precision".
6. Explain the term "accuracy".
7. Explain the term "bias".
8. Explain the term "resolution".
9. Explain the term "noise".
10. Explain the term "drift".
11. Explain the term "hysteresis".
12. Explain the term "repeatability".
13. Explain the term "reproducibility".
14. Explain the term "stability".
15. Explain the term "linearity".

Part II – 5 parts (35 marks)**Answer**

1. Name the two types of calibration: (a) Direct (b) Indirect (c) Linearity (d) Precision (e) Accuracy (f) Bias (g) Resolution (h) Noise (i) Drift (j) Hysteresis (k) Repeatability (l) Reproducibility (m) Stability (n) Linearity (o) Precision (p) Accuracy (q) Bias (r) Resolution (s) Noise (t) Drift (u) Hysteresis (v) Repeatability (w) Reproducibility (x) Stability (y) Linearity (z) Precision (aa) Accuracy (ab) Bias (ac) Resolution (ad) Noise (ae) Drift (af) Hysteresis (ag) Repeatability (ah) Reproducibility (ai) Stability (aj) Linearity (ak) Precision (al) Accuracy (am) Bias (an) Resolution (ao) Noise (ap) Drift (aq) Hysteresis (ar) Repeatability (as) Reproducibility (at) Stability (au) Linearity (av) Precision (aw) Accuracy (ax) Bias (ay) Resolution (az) Noise (ba) Drift (bb) Hysteresis (bc) Repeatability (bd) Reproducibility (be) Stability (bf) Linearity (bg) Precision (bh) Accuracy (bi) Bias (bj) Resolution (bk) Noise (bl) Drift (bm) Hysteresis (bn) Repeatability (bo) Reproducibility 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Accuracy (jj) Bias (jk) Resolution (jl) Noise (jm) Drift (jn) Hysteresis (jo) Repeatability (jp) Reproducibility (jq) Stability (jr) Linearity (js) Precision (jt) Accuracy (ju) Bias (jv) Resolution (jw) Noise (jx) Drift (jy) Hysteresis (jz) Repeatability (ka) Reproducibility (kb) Stability (kc) Linearity (kd) Precision (ke) Accuracy (kf) Bias (kg) Resolution (kh) Noise (ki) Drift (kj) Hysteresis (kl) Repeatability (km) Reproducibility (kn) Stability (ko) Linearity (kp) Precision (kq) Accuracy (kr) Bias (ks) Resolution (kt) Noise (ku) Drift (kv) Hysteresis (kw) Repeatability (kx) Reproducibility (ky) Stability (kz) Linearity (la) Precision (lb) Accuracy (lc) Bias (ld) Resolution (le) Noise (lf) Drift (lg) Hysteresis (lh) Repeatability (li) Reproducibility (lj) Stability (lk) Linearity (ll) Precision (lm) Accuracy (ln) Bias (lo) Resolution (lp) Noise (lq) Drift (lr) Hysteresis (ls) Repeatability (lt) Reproducibility (lu) Stability (lv) Linearity (lw) Precision (lx) Accuracy (ly) Bias 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Stability (zh) Linearity (zi) Precision (zj) Accuracy (zk) Bias (zl) Resolution (zm) Noise (zn) Drift (zo) Hysteresis (zp) Repeatability (zq) Reproducibility (zr) Stability (zs) Linearity (zt) Precision (zu) Accuracy (zv) Bias (zw) Resolution (zx) Noise (zy) Drift (zz) Hysteresis



Code No. 45B

PHYSICS-PAPER-I

Maximum Marks: 60 (Theory) + 10 (Practical) = 70

Duration: 3 hours (Theory)

Time: 1 hour

Max. Marks: 20

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

PART - I (10 × 2 = 20 Marks)

1. Write the principle involved in an electric cell.
2. Define inductance and coefficient.
3. Name the phenomenon of induction in a coil.
4. Distinguish between P-N junction and PN junction.
5. Define the term half-life period of a radioactive substance.
6. Write the law of conservation of momentum in an elastic collision.
7. Define the term refractive index of a medium.
8. Define the term critical angle.
9. Define the term total internal reflection.
10. Define the term dispersion of light.

PART - II (5 × 4 = 20 Marks)

1. Write short notes on:
(a) N-type semiconductor
(b) P-type semiconductor
2. Calculate the principle of conservation of momentum.
3. Explain the process of photoelectric effect.
4. Calculate the principle of conservation of momentum.
5. Write short notes on:
(a) Total internal reflection
(b) Dispersion of light
6. Write the principle and application of P-N junction.
7. Write the principle and application of P-N junction.
8. Write the principle and application of P-N junction.



Code No. 433

PHLEBOTOMY
Practical Examination May 2018

Subject: Medical Chemistry

Time: 1 hour

Max. Marks: 20

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

Part - I (10 × 1 = 10 Marks)

1. What is a coagulometer used for? (2M)
2. Give two products of coagulation. (2M)
3. What is a qualitative coagulometer used for? (2M)
4. What is the purpose of a coagulometer? (2M)
5. What is the principle of coagulation? (2M)
6. Name the coagulometer used in the laboratory. (2M)
7. Name the coagulometer used in the laboratory. (2M)
8. Give two coagulometer used in the laboratory. (2M)
9. Name the coagulometer used in the laboratory. (2M)
10. Name the coagulometer used in the laboratory. (2M)
11. Name the coagulometer used in the laboratory. (2M)
12. Name the coagulometer used in the laboratory. (2M)
13. Name the coagulometer used in the laboratory. (2M)
14. Name the coagulometer used in the laboratory. (2M)
15. Name the coagulometer used in the laboratory. (2M)

Part - II (5 × 4 = 20 Marks)

1. Name the coagulometer used in the laboratory. (2M)
2. Name the coagulometer used in the laboratory. (2M)
3. Name the coagulometer used in the laboratory. (2M)
4. Name the coagulometer used in the laboratory. (2M)
5. Name the coagulometer used in the laboratory. (2M)
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8. Name the coagulometer used in the laboratory. (2M)
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10. Name the coagulometer used in the laboratory. (2M)
11. Name the coagulometer used in the laboratory. (2M)
12. Name the coagulometer used in the laboratory. (2M)
13. Name the coagulometer used in the laboratory. (2M)
14. Name the coagulometer used in the laboratory. (2M)
15. Name the coagulometer used in the laboratory. (2M)



FACULTY OF EDUCATION

FACULTY OF EDUCATION - JEDDAH

Faculty of Education - Jeddah

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For the purpose of the exam, please refer to the following table:

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20. The exam is designed to	20



PROCTY OF PAPER

2019-2020

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CODE 00170418

WUJIA THIRUPATHARATHI

Exam E. WJTC-2 - Fair Play Examination, September 2020

Legal Pharmacology - B

Time: 1 hour

Max. Marks: 70.

Write Answer to questions and Part C. Answer any TWO questions from Part D.

Part A - 2 (10 x 2 = 20 Marks)

1. Name a natural source of progesterone.
2. Explain the mechanism of action.
3. Name the adverse effects of emergency contraceptive pills.
4. Discuss the considerations regarding its safety and usage.
5. Classify emergency contraceptives.
6. Name a natural source of progesterone.
7. Explain dose, DR.
8. Name a source of TM therapy.
9. Name the symptoms of progestin and androgen side effects.
10. Name a natural source of progesterone.

Part B - 3 (10 x 3 = 30 Marks)

11. Write the pharmacological mechanism of action of progesterone.
12. Discuss the mechanism of action of progesterone.
13. Explain the mechanism of action of progesterone.

Part C - 1 (10 x 1 = 10 Marks)

14. Write the pharmacological mechanism of action of progesterone.
15. Discuss the mechanism of action of progesterone.
16. Discuss the mechanism of action of progesterone.
17. Discuss the mechanism of action of progesterone.
18. Write the pharmacological mechanism of action of progesterone.
19. Discuss the mechanism of action of progesterone.
20. Discuss the mechanism of action of progesterone.



INDIAN PHARMACY

2020-21 (I) (M)

PHARMACY - PHARMACY - PHARMACY - PHARMACY - PHARMACY

Subject: Pharmaceutical Analysis

Time: 3 hours

Max. Marks: 75

Exam. Dates: as per official website. Issuance of MCQs: as per official website.

Part - I (100 Marks)

1. Name the components of a pharmaceutical analysis.
2. Name the different types of pharmaceutical analysis.
3. Name the different types of pharmaceutical analysis.
4. Name the different types of pharmaceutical analysis.
5. Name the different types of pharmaceutical analysis.
6. Name the different types of pharmaceutical analysis.
7. Name the different types of pharmaceutical analysis.
8. Name the different types of pharmaceutical analysis.
9. Name the different types of pharmaceutical analysis.
10. Name the different types of pharmaceutical analysis.

Part - II (100 Marks)

1. Name the different types of pharmaceutical analysis.
2. Name the different types of pharmaceutical analysis.
3. Name the different types of pharmaceutical analysis.
4. Name the different types of pharmaceutical analysis.
5. Name the different types of pharmaceutical analysis.
6. Name the different types of pharmaceutical analysis.
7. Name the different types of pharmaceutical analysis.
8. Name the different types of pharmaceutical analysis.
9. Name the different types of pharmaceutical analysis.
10. Name the different types of pharmaceutical analysis.



Code No. 150116

FACULTY OF MEDICINE

Post-Diploma in Veterinary Pathology, Veterinary College D-1

Subject: Microbiology & Immunology

Time: 100 min

Max. Marks: 75

Date: / /

Roll No. / /

1. Describe the origin, evolution and the two main categories. 10
2. Give the pathogenesis, pathology and the types of reactions. 10
3. Give the pathogenesis, pathology and the types of reactions. 10
4. Give the pathogenesis, pathology and the types of reactions. 10
5. Give the pathogenesis, pathology and the types of reactions. 10
6. Give the pathogenesis, pathology and the types of reactions. 10
7. Give the pathogenesis, pathology and the types of reactions. 10
8. Give the pathogenesis, pathology and the types of reactions. 10
9. Give the pathogenesis, pathology and the types of reactions. 10
10. Give the pathogenesis, pathology and the types of reactions. 10

Roll No. / /

11. Define the following: 10
 - a) Pathogenesis
 - b) Pathology
 - c) Immunology
 - d) Pathogenesis and pathology
12. Describe the pathogenesis of the following: 10
 - a) Pathogenesis
 - b) Pathogenesis
 - c) Pathogenesis
 - d) Pathogenesis
13. Describe the pathogenesis of the following: 10
 - a) Pathogenesis
 - b) Pathogenesis
 - c) Pathogenesis
 - d) Pathogenesis
14. Describe the pathogenesis of the following: 10
 - a) Pathogenesis
 - b) Pathogenesis
 - c) Pathogenesis
 - d) Pathogenesis
15. Describe the pathogenesis of the following: 10
 - a) Pathogenesis
 - b) Pathogenesis
 - c) Pathogenesis
 - d) Pathogenesis
16. Describe the pathogenesis of the following: 10
 - a) Pathogenesis
 - b) Pathogenesis
 - c) Pathogenesis
 - d) Pathogenesis
17. Describe the pathogenesis of the following: 10
 - a) Pathogenesis
 - b) Pathogenesis
 - c) Pathogenesis
 - d) Pathogenesis
18. Describe the pathogenesis of the following: 10
 - a) Pathogenesis
 - b) Pathogenesis
 - c) Pathogenesis
 - d) Pathogenesis