

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

School of Medical and Allied Sciences

Diploma in Pharmacy

Semester End Examination - May 2024

Duration : 180 Minutes

Max Marks : 80

Year II - ER2023T - Biochemistry and Clinical PathologyGeneral Instructions*Answer to the specific question asked**Draw neat, labelled diagrams wherever necessary**Approved data hand books are allowed subject to verification by the Invigilator*

- 1) Explain the formation of ammonia. K1 (1)
- 2) Define the electrolyte composition. K1 (1)
- 3) Utilize the dehydration of water metabolism. K1 (1)
- 4) Develop the vitamin A K1 (1)
- 5) Select the word of lipids. K1 (1)
- 6) Relate the word Vitamin-D K1 (1)
- 7) Define the fructose. K1 (1)
- 8) Relate the term ring structure of glucose. K1 (1)
- 9) Define the hypolipoproteinemia. K1 (1)
- 10) Explain the vitamins. K1 (1)
- 11) Contrast the enzymes. K1 (1)
- 12) Demonstrate the nucleic acid. K1 (1)
- 13) relate the term of fatty liver. K1 (1)
- 14) Interpret the hypercholesterolemia. K1 (1)
- 15) Recall the term glycerol to glucose. K1 (1)
- 16) Define the transaminases. K1 (1)
- 17) Tell about the use of enzymes in the manufacture of bulk drugs. K1 (1)
- 18) Select the word of hydrolases. K1 (1)
- 19) Utilize the vitamin K. K1 (1)
- 20) Name of proteins. K1 (1)

- 21) Demonstrate the lipid profile tests and its clinical significances. K2 (3)
- 22) Classify the regulation of blood glucose level. K2 (3)

- | | | |
|-----|--|--------|
| 23) | Relate the term of ketoacidosis. | K2 (3) |
| 24) | Utilize the hypercholesterolemia. | K2 (3) |
| 25) | Identify the phenylketonuria. | K2 (3) |
| 26) | Identify the urea cycle and decarboxylation. | K2 (3) |
| 27) | Demonstrate the pyridoxine vitamins B6. | K2 (3) |
| 28) | Relate the term qualitative test for lipids. | K2 (3) |
| 29) | Interpret the role of carbohydrate. | K2 (3) |
| 30) | Organize the types of WBCs. | K3 (3) |

OR

- | | | |
|-----|---|--------|
| | Solve the transaminases enzymes. | K3 (3) |
| 31) | Construct the disease of fat and water soluble vitamins. | K3 (5) |
| 32) | Develop the qualitative tests for carbohydrate. | K3 (5) |
| 33) | Utilize Structure of function of cholesterol in the body. | K3 (5) |
| 34) | make use of fat soluble vitamins. | K3 (5) |
| 35) | Classify the enzymes and coenzymes. | K4 (5) |
| 36) | Discover the mineral metabolism. | K4 (5) |

OR

- | | | |
|--|------------------------------|--------|
| | Survey of enzyme inhibition. | K4 (5) |
|--|------------------------------|--------|