

SEAT No. _____

No. of Printed Pages : 1+1

[A-2]

SARDAR PATEL UNIVERSITY EXAMINATION
First Year B. Occupational Therapy Examination
Wednesday, 31st January 2018
Time: 10.00 am to 1.00 pm
Subject: Biochemistry and Pharmacology(B.O.Th- 103)
Total Marks: 70

Instructions:

1. Section- I is MCQ and is to be attempted on a separate MCQ Sheet.
2. Write the answers for Section-II and Section-III in a separate answer book.
3. Draw figures or diagrams where necessary.
4. Figures in bracket indicate total marks allotted to each question.

SECTION- I

(10)

Q. 1. MCQ: Read the instructions on the MCQ sheet and attempt the MCQs.

(30)

SECTION - II

Q. 2. Write long answer question (Any One out of Two)

(1×15 Marks= 15 Marks)

A) Kidney Function Tests.

B) Define Carbohydrates and classify them in detail with examples of each class .

Q. 3. Write long answer question (Any One out of Two)

(1 × 10 Marks=10 Marks)

A) Classification of Hormones.

B) Diabetes Mellitus.

Q. 4. Write Short Notes (Any One out of Two)

(1 × 05 Marks=05 Marks)

A) Vitamin K.

B) Obesity.

SECTION - III

(30)

Q. 5. Write long answer question (Any One out of Two)

(1×15 Marks= 15 Marks)

(a) Enlist various routes of drug administration. Describe in detail about parenteral route of drug administration..

(b) Classify the drugs used in hypertension. Describe the therapeutic uses and adverse effects of enalapril..

Q. 6. Write long answer question (Any One out of Two)

(1 × 10 Marks=10 Marks)

a) Enlist the drugs used in Parkinsonism. Describe briefly about levodopa – carbidopa combination..

b) Classify the Non Steroidal Anti-Inflammatory Drugs (NSAIDs).Describe the therapeutic uses and adverse effects of aspirin.

Q. 7. Write Short Notes (Any One out of Two)

(1 × 05 Marks=05 Marks)

a) Write a brief note about the drugs useful in the treatment of diarrhea.

b) Write a brief note about the drug used in the treatment of pulmonary tuberculosis.

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Instructions:

1. There are 10 MCQs and all are compulsory.
2. Encircle on the most appropriate answer.
3. Overwriting would be considered as a wrong answer.

SECTION- I

Q. 1. MCQ: Read the instructions on the MCQ sheet and attempt the MCQs.

(10)

1] Which is structural protein: a) Adrenaline. b) Keratin. c) Growth Hormone. d) Insulin.	2] Which is end product in mammals: a) CHO. b) Proteins. c) Lipids. d) Urea.
3] Serum value of Albumin: a) 3.5-5.0gm%. b) 70-110gm%. c) 100mg%. d) 80mg%.	4] CPK has how many isoenzymes.: a) 2. b) 3. c) 4. d) 5.
5] Which is blood sugar: a) Glucose. b) Lactose. c) Sucrose. d) Maltose.	6] Pharmacodynamics involves the study of a drug in respect of its: a) absorption. b) distribution. c) mechanism of action. d) metabolism & excretion.
7] Which of the following is directly acting skeletal muscle relaxant? : a) dentrolin . b) D-tubocurarine. c) diazepam d) scucinylcholine.	8] Which of the following is an anticholinergics drug?: a) atropine. b) acetylcholine. c) neostigmine. d) pilocarpine.
9] The drug of choice for insulin dependent diabetes mellitus is: a) tolbutamide. b) insulin c) phenformin d) pioglitazone	10] The drug to be given in the treatment of acute attack asthma is: a) Montelukast. b) salbutamol c) tiotropium d) cromolyn sodium

