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Paper Code : MAT/MPY/MBC-101

C (SVSU:2023-24/R)

Enrollment No.

MSC MEDICAL 1ST YEAR EXAMINATION

Paper-I

TIME: 3 hrs

MM: 100

- (i) Attempt all the questions.
- (ii) Use separate answersheets for section A , section B & section C. Part of the questions must be attempt in sequence.
- (iii) Draw well labelled diagrams where necessary.

Part -A
(Anatomy) [MM-33]

- Q1. Discuss in short**
- a Classification of joints 8 Marks
 - b Types of muscles 7 Marks
 - c Derivatives of ectoderm, mesoderm and endoderm 8 Marks
- Q2. Write short notes on:-** 5X2=10 Marks
- a Histological differences between arteries and veins.
 - b Types of bones.

Part B
(Physiology) [MM-33]

General, Blood, Nerve-Muscle & Systemic Physiology

- Q1. Describe the composition & functions of gastric juice.** (8)
- Q4. Write Short Notes on** (5x5=25)
- a. Functions of kidney
 - b. Baroreceptors
 - c. O₂-Hb dissociation curve
 - d. Blood groups
 - e. Refractive errors

PART -C
(Medical Biochemistry) [MM-34]

- Q1. Define the Isoenzymes with suitable examples and enumerate the factors affecting enzyme activity.** (4+3)
- Q2. Write the RDA, functions, dietary sources and deficiency manifestations of vitamin A & B1.** (3+3)
- Q3. Write short notes on :** (3x4)
- a. Monosaccharide of biochemical importance.
 - b. Essential fatty acids and their importance
 - c. Plasma proteins
 - d. Trans Fat
- Q4. Describe in brief:-** (3x3)
- a. Alkaptonuria
 - b. Homo-polysaccharides
 - c. Structural organization of protein
