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Total Number of Pages: (01)

Course: MPT

SUBJECT NAME: PT in speciality area (Sports Science) SUB_CODE: 23MPT1S1

Q. CODE: A087

(1st Year MPT) Examination: 2023-24 (Admitted Batch)

Max Time: 3 Hours
Marks: 80

Max

Sitting: 1st, 10.00 AM to 1.00 PM

Any Question having parts should be answered as whole at one place only.
Illustrate answer with diagrams wherever relevant / required if any)
The figures in the right-hand margin indicate marks.

- Q 1 Long Answer questions (any four out of six) (4 x 15 Marks)**
- a) Discuss in detail the principles of exercise testing and conditioning (1 x 15 Marks)
 - b) Write an essay on role of sports in health promotion (1 x 15 Marks)
 - c) Describe the biomechanics of throwing (1 x 15 Marks)
 - d) Write an essay on thermoregulation during intense exercise (1 x 15 Marks)
 - e) Describe the common emergencies encountered in sports and their first aid management. (1 x 15 Marks)
 - f) Describe the anatomy and physiology of human movement control (1 x 15 Marks)
- Q 2 Short answer questions (any five out of eight) (5 x 4 Marks)**
- a) Blood doping
 - b) Carbohydrate loading
 - c) NADA & WADA
 - d) Weight management in wrestling
 - e) Pathomechanics of overuse injury of soft tissue
 - f) Care and caution for athlete with diabetes mellitus
 - g) Pre- competition anxiety
 - h) High altitude sickness
