

SARDAR PATEL UNIVERSITY EXAMINATIONS
First Year B. Occupational Therapy Examination
Friday, 3rd January 2014
Time: 10.30 am to 01.30 pm
Subject: Human Physiology (B.O.T- 102)
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.

SECTION – II

(30)

Q. 2. Answer the following questions (Any Three) (3×5 Marks= 15)

(15)

- a) Stages of Haemostasis.
- b) Neuromuscular transmission.
- c) Describe in detail physiology of deglutition.
- d) Stages of Erythropoiesis.

Q. 3. Short Notes: (Any Five) (5 × 3 Marks=15)

(15)

- a) Heart Sound
- b) Fatigue
- c) Function of Kidney
- d) Events of Cardiac Cycle
- e) Functions of Blood
- f) Properties of Nerve fiber

SECTION – III

(30)

Q. 4. Answer the following questions (Any Three) (3×5 Marks= 15)

(15)

- a) Describe in detail about Menopause
- b) What is normal body temperature? How it is regulated?
- c) Physiological effects of Exercises.
- d) Define homeostasis. Explain it by one suitable example.

Q. 5. Short Notes (Any Five) (5 × 3 Marks=15)

(15)

- a) Puberty
- b) Light Adaption
- c) Pulmonary Function Test
- d) Thyroid Hormone
- e) Learning & Memory
- f) Reflexes

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