Roll No. Total No. of Pages: 01

Total No. of Questions: 07

M.Sc. (Clinical Research) EL-I (2018 Batch) (Sem.-1)

HUMAN BIOLOGY

Subject Code : MSCR-111-18 M.Code : 75611

Time: 2 Hrs. Max. Marks: 35

INSTRUCTIONS TO CANDIDATES:

- SECTION-A is COMPULSORY consisting of FIVE questions carrying ONE marks each.
- 2. SECTION-B contains THREE questions carrying FIVE marks each and students have to attempt any TWO questions.
- 3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

SECTION-A

Q1. Answer the following:

- a. Give Composition of Blood.
- b. Differentiate between skeletal muscle and smooth muscle.
- c. Define biochemical mechanism of blood clotting.
- d. Define blood pressure and its regulations.
- e. List out the symptoms of diabetes mellitus.

SECTION-B

- Q2. Briefly explains the role of cerebrospinal fluid.
- Q3. Write a note on a cardiac cycle.
- Q4. Discuss various blood groups and their significance.

SECTION-C

- Q5. Mention the hormones secreted by thyroid gland and describe the action and abnormalities of thyroid gland.
- Q6. Briefly discuss the common neurotransmitters in peripheral nervous system.
- Q7. Briefly discuss how the adrenal gland response to stress.

NOTE: Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.

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