



Time: 3 Hrs.

[Max. Marks : 35]

**HUMAN PHYSIOLOGY**

QP Code: 1179

**(Note : Both QP Codes 1179 and 1180 are to be answered within total duration of 3 hours)**

**LONG ESSAY**

**1 X 10 = 10 Marks**

1. Describe the composition, functions and regulation of salivary secretion.

**SHORT ESSAY**

**3 X 5 = 15 Marks**

2. Describe the intrinsic pathway of coagulation.
3. Describe the nerve supply to the urinary bladder with a neat diagram. What is micturition reflex?
4. Describe stages of spermatogenesis.

**SHORT ANSWERS**

**5 X 2 = 10 Marks**

5. State Landsteiner's laws.
6. Define blood pressure. Give normal values.
7. List the hormones synthesized by the anterior pituitary.
8. Rinne's test
9. Draw and label the sarcomere.

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