



**ANATOMY**

**(SEQ'S)**

Time Allowed: 2 hours

Roll No. F18143

Total Marks: 45

**Instructions**

- 1 The SEQ's part is to be submitted within 2 hours. Extra time will not be given
- 2 Neat Hand Writing use of margin and marker for headlines will increase the presentation of your paper
- 3 Do not write your name or disclose your identity in anyway

- Q1 a) Give an account of histological features of Pancreas. (2.5)  
b) Enlist components of pharyngeal arch apparatus. Name the sources from which mesoderm of a pharyngeal arch is derived (1.5 + 1)

- Q2. a) Define portal circulation? (0.5)  
b) Give an account of formation and course of portal vein. (2)  
c) Enlist common sites of portosystemic anastomosis? (2.5)

- Q3. Following a hysterectomy, (removal of uterus) a patient complains of severe pain in the right upper lumbar region of the back.  
(a) Which structure was most likely damaged during the surgery? (1)  
(b) Give relations of its pelvic part in both males and females (2)  
(c) What is hydronephrosis? (2)

- Q4 a) Enumerate the bones taking part in the formation of lateral wall of the nose? (1)  
b) Give the blood and nerve supply of lateral wall of the nose? (2)  
c) Name paranasal sinuses? Which sinus become most infected and why? (2)

- Q5. a) What is the dangerous area of face and why? (2)  
b) Give the location, contents and relations of Cavernous sinus (3)

- Q6. a) Draw and label section of medulla oblongata at the level of pyramidal decussation. (3)  
b) What is lateral medullary syndrome. Name the nuclei of cranial nerve involved in this syndrome (2)

P.T.O

- Q7** a) Classify white matter of cerebrum? (1.5)  
b) Enlist projection fibers of cerebrum? (1.5)  
c) Trace the pathway of corticospinal fibers. (2)
- Q8** a) Give an account of development of testes. (3)  
b) Name the factors responsible for testicular differentiation (1)  
c) Which factors influence the descent of testes (1)
- Q9** a) Name the derivatives of foregut (1)  
b) Give an account of development of stomach (2.5)  
c) Give the blood and nerve supply of foregut (1.5)