

Roll No.

Total No. of Pages : 02

Total No. of Questions : 18

Pharm.D (Sem.-I)
HUMAN ANATOMY AND PHYSIOLOGY
Subject Code : 1.1
Paper ID : [D0164]

Time : 3 Hrs.

Max. Marks : 70

INSTRUCTION TO CANDIDATES :

1. SECTION-A contain SEVEN questions. Attempt any FIVE questions. Each question will carry TWO marks each. Attempt any SIX
2. SECTION-B contain EIGHT questions (Short Essay Type). questions. Each question will carry FIVE marks.
3. SECTION-C contain THREE questions (Long Essay Type). Attempt any TWO questions. Each question will carry FIFTEEN marks.

SECTION-A

- Q1. What is the difference between plasma and serum?
- Q2. What do you understand by congestive heart failure?
- Q3. Draw and label freely movable joint.
- Q4. What are the functions of mitochondria and ribosomes?
- Q5. What are enzymes responsible for digestion of carbohydrates ?
- Q6. What do you understand by tidal volume and dead air space?
- Q7. What are the hormones released from small intestine?

SECTION-B

- Q8. Write a note on oogenesis.
- Q9. What are the functions of mid brain and cerebellum?
- Q10. Explain how micturition is involuntary as well as voluntary process.

Q11. Write a note on hormones released from adrenal cortex.

Q12. Write the role of bile in fat digestion and absorption.

Q13. Explain the different steps involved in blood clotting.

Q14. Draw and label human eye.

Q15. How is oxygen transported in blood?

SECTION-C

Q16. What is cardiac cycle? Explain the development of heart sounds.

Q17. Write the functions of estrogen and progesterone. Explain the process of menstruation.

Q18. Write a note on different cranial nerves along with their functions.