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Total No. of Pages : 02

Total No. of Questions : 13

**B.Pharma (2017 & Onwards) (Sem.-2)**  
**HUMAN ANATOMY AND PHYSIOLOGY-II**

Subject Code : BP-201T

M.Code : 74967

Time : 3 Hrs.

Max. Marks : 75

**INSTRUCTIONS TO CANDIDATES :**

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains THREE questions carrying TEN marks each and student has to attempt any TWO questions.
3. SECTION-C contains NINE questions carrying FIVE marks each and student has to attempt any SEVEN questions.

**SECTION-A****1. Answer briefly :**

- a) What is digestive system? Mention various processes of the digestive system.
- b) What is peptic ulcer?
- c) What is BMR?
- d) What is forced inspiration and forced expiration?
- e) What is Cushing's syndrome?
- f) Enlist various organs of the urinary system.
- g) What are posterior pituitary hormones?
- h) What is spermatogenesis?
- i) What is reflex action?
- j) What is negative feedback mechanism in hormone regulation?



**SECTION-B**

2. Describe structure and discuss various functions of the liver.
3. Discuss physiology of anterior pituitary hormones.
4. With the help of a neat diagram explain structure of nephron.

**SECTION-C**

5. What is reflex action? Describe physiology of reflex action.
6. Write a note on formation and functions of ATP.
7. Write a note on mechanism of respiration.
8. Explain various phases of menstruation cycle.
9. Write a note on physiological role of thyroid hormones.
10. Draw neat and labeled diagram of female reproductive system.
11. Write a brief note on protein synthesis.
12. Write a note on artificial respiration.
13. Write a short note on anatomy and physiology of small intestine.

**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.**