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Total No. of Pages : 02

Total No. of Questions : 10

B.Pharm (2011 to 2016) (Sem.-3)

**ANATOMY, PHYSIOLOGY & HEALTH EDUCATION – II**

Subject Code : BPHM-304

M.Code : 46224

Time : 3 Hrs.

Max. Marks : 80

**INSTRUCTIONS TO CANDIDATES :**

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

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

- a. What are the functions of pancreas?
- b. Name four digestive disease related diseases.
- c. What are alveoli? What are their functions?
- d. What are the different receptors present on the tongue?
- e. What do you understand by electroencephalogram?
- f. What is the function of vagus nerve?
- g. What are the functions of ear?
- h. What are the receptors present on the skin?
- i. What is the first aid therapy of burns?
- j. What are sex hormones in females?
- k. What is the temperature regulating centre in the brain?





- l. Micturition is involuntary as well as voluntary. How?
- m. How are fats absorbed from intestines?
- n. What are the different neurotransmitters released in the brain.
- o. What is parturition? How is it regulated?

#### SECTION-B

- 2. How are carbohydrates digested in the body?
- 3. Explain the process of spermatogenesis.
- 4. What are the different nutritional deficiency disorders?
- 5. Explain the role and functions of hypothalamus.
- 6. Draw and label different components of sympathetic nervous system.

#### SECTION-C

- 7. What is neurohumoral transmission? Explain different steps involved in neurotransmission across synapse.
- 8. Explain the process of urine formation.
- 9. Write the different functions performed by small and large intestine.
- 10. Explain the structure of eye with suitable diagram.

**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.**

