

Roll No.

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Total No. of Pages : 03

Total No. of Questions : 22

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 students have to attempt any TWO questions.
3. SECTION-C contains NINE questions carrying FIVE marks each and students have to attempt any SEVEN questions.

SECTION-A**Choose correct answer of the following objective type questions :**

Q1. They all are true for brain stem, except :

- A) Superiorly, it relates to forebrain
- B) Inferiorly, it relates to spinal cord
- C) Anteriorly, it relates to midbrain
- D) Posteriorly, it relates to cerebellum.

Q2. Somatosensory cortex is :

- A) sheet of white matter
- B) area of post central gyrus
- C) bundle of axons
- D) all.

Q3. Nervous control of the GI tract would be impaired by damage to the :

- A) Mucosa
- B) Muscularis.
- C) Sub-mucosa.
- D) Serosa.

SECTION-B

- Q11. Outline physiological importance of calcium and its regulation in human body.
- Q12. How white matter is different from grey matter? Discuss white matter as a part of central nervous system.
- Q13. Discuss various mode of cellular communications. Give a detailed classification of hormones.

SECTION-C

- Q14. Define Neurotransmission. Outline various steps of neurotransmission.
- Q15. Draw cross section of human spinal cord.
- Q16. Outline parts of gastrointestinal tract.
- Q17. How kidneys regulate acid-base balance?
- Q18. Discuss urine formation in detail.
- Q19. Write a note on adrenal androgens.
- Q20. How gigantism is different from acromegaly?
- Q21. Write a detailed note on parturition.
- Q22. Explain genetic pattern of inheritance.

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.