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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

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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.

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Q4.	. Cholesterol removal and degradation is the primary function of the :							
	A) Chylomicrons	B) HDL.						
	C) LDL	D) VLDL.						
Q5.	The volume of air that can be exhaled is :	d during forced breathing in addition to tidal	volume					
	A) Residual volume	B) Expiratory reserve volume						
	C) Vital capacity	D) Total lung capacity						
Q6.	The outer layer of the kidney, just internal to the fibrous capsule, is the renal :							
	A) Medulla	B) Column.						
	C) Pelvis.	D) Cortex.						
Q7.	In adults, insufficient thyroxine can lead to :							
	A) Goiter.	B) Libido						
	C) Cretinism.	D) Myxedema						
Q8.	They all regulate calcium level in blood, except :							
	A) Cholecalciferol	B) Calcitonin						
	C) calcineurin	D) PTH						
Q9.	Where does fertilization usually take place?							
	Where does fertilization usually take A) Cervix	B) Vagina						
	C) Uterus	D) Oviduct						
Q10	. Alleles are :							
	A) Linked genes	B) Alternative from of genes						
	C) Homologous chromosome	D) Cross over chromosome						
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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.
- Q20. How gigantism is different from acromegaly? Q21. Write a detailed note on
- Q22. Explain genetic pattern of inheritance. March !

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.

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