

SECTION-D

Note: Long answer questions. Attempt any two questions out of three Questions. (2x10=20)

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**4th Sem.
Branch : Med. Eltx.
Sub.: Anatomy and Physiology-II**

Time : 3 Hrs. M.M. : 100

SECTION-A

Note: Multiple choice Questions. All Questions are compulsory. (10x1=10)

- Q.1 Pulmonary Vein carry

 - a) Impure blood
 - b) Pure blood
 - c) Both
 - d) None of these

Q.2 The wind pipe is also called the

 - a) Larynx
 - b) Lungs
 - c) Trachea
 - d) Pharynx

Q.3 Human heart have membrane

 - a) Pericardium
 - b) Pleura
 - c) Epidermis
 - d) Peritoneal

Q.4 During Inspiration diaphragm and intercostal muscles

 - a) Decrease in size
 - b) Increase in size
 - c) Both
 - d) None

- Q.5 The lungs are covered by membrane are
 a) Sarcolemma b) Pleura
 c) Pericardium d) All of the above
- Q.6 What is the weight of a Normal Adult Heart
 a) 100g b) 200g
 c) 300 g d) 400g
- Q.7 The part of Neurons consist
 a) Nerve cell b) Axon
 c) Dendrites d) All of these
- Q.8 The Arteries consist
 a) Oxygenated blood b) More Muscular
 c) No Valve d) All of these
- Q.9 Which Devices is used to measure Heat Activities.
 a) ECG b) EEG
 c) EMG d) All of these
- Q.10 Which Hormones acts on Exocrine part of Pancreas.
 a) GIP b) Insulin
 c) Secretin d) Steapsin

SECTION-B

Note: Objective type questions. All questions are compulsory.
 $(10 \times 1 = 10)$

- Q.11 What are pulmonary vein.
 Q.12 RBC's contain _____ pigment
 Q.13 What are Vein.
 Q.14 What are Nephron.
 Q.15 Define Hematology.
 Q.16 Full form of CSF.
 Q.17 What are Total Lung Capacity.
 Q.18 Tongue is sense of _____.
 Q.19 What are Respiration.
 Q.20 What are Inspiratory/ Reserve Volume.

SECTION-C

Note: Short answer type Questions. Attempt any twelve questions out of fifteen Questions.
 $(12 \times 5 = 60)$

- Q.21 Enlist various part of brain and explain briefly.
 Q.22 Difference between Arteries and veins.
 Q.23 What are Nephron. Explain the structure of Nephron.
 Q.24 What are blood. Explain composition of blood.
 Q.25 Draw diagram of Lung and brief explain it.
 Q.26 Write a note on Cardiac cycle.