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Roll No.

**3rd Sem. / Medical Electronics
Subject:- Human Anatomy & Physiology**

Time : 3Hrs.

M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory (6x1=6)

Q.1 Where are the Islets of Langerhans found.

- a) Pancreas
- b) Ileum
- c) Colon
- d) Liver

Q.2 (SA) Node is commonly known as.

- a) Pacemaker of heart
- b) conducting system of heart
- c) AV node
- d) Bundle of his

Q.3 Which of the following term indicate front Direction.

- a) Inferior
- b) Superior
- c) Anterior
- d) Dorsal

Q.4 The fluid part of blood.

- a) Mucus
- b) Saliva
- c) Lymph
- d) Plasma

Q.5 How many total number of teeth are present in lower jaw.

- a) 16
- b) 24
- c) 28
- d) 32

Q.6 Transitional epithelial is found on.

- a) Stomach
- b) Lung
- c) Liver
- d) Urinary bladder

SECTION-B

Note: Objective type questions. All questions are compulsory. $(6 \times 1 = 6)$

Q.7 Define Cytoplasm.

Q.8 Define Superior.

Q.9 Cardiac muscles is an _____ Muscles.

Q.10 Define Skeletal system.

Q.11 Stomach is part of _____.

Q.12 Define cardiology.

Q.14 Explain the Microscopic structure of bones.

Q.15 Explain the functions of Skeletal system.

Q.16 What is Joint. Explain the different type of joints.

Q.17 Explain the composition blood.

Q.18 What is Large Intestine. Explain different part it.

Q.19 Explain the mechanism of respiration.

Q.20 Draw structure of Stomach. Explain different part.

Q.21 Difference between arteries and Veins.

Q.22 Explain Circulatory system of heart.

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. $(2 \times 8 = 16)$

Q.23 Explain cell structure with well labeled Diagram.

Q.24 What is circulatory system. Explain the conductive system of heart with diagram.

Q.25 Write a short note on the following.

- a) Small intestine
- b) Connective tissues

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. $(8 \times 4 = 32)$

Q.13 Write the functions of Blood.

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