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221913

1st Sem. Branch: DMLT
Sub : Anatomy & Physiology-I

Time : 3 Hrs. M.M. : 60

SECTION-A

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

.Q.1 The abdominal cavity contains the

a) Heart & Lung b) Liver & Spleen

c) Urinary bladder d) Urinary bladder& Lung

Q.2 The shoulder joint is

a) Non movable b) A synovial joint

c) Ball & socket joint d) None of above

Q.3 Cardiac muscles are _____ type of muscles

a) Voluntary b) Skeletal

c) Contractile d) Involuntary

Q.4 Full form of ECG is

a) Electro pathology b) Electro coronogram

c) electrocardiogram d) None of above

Q.5 Lub Dub are the sounds of _____

a) Liver b) Pulse

c) Lungs d) Heart

Q.6 Which of the following is not part of the appendicular skeleton.

a) Scapula b) Ribs

c) Tibia d) Radius

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. (6x1=6)

Q.7 What is meant by voluntary muscles?

Q.8 Define BMR.

Q.9 Define Physiology?

Q.10 Expand AV & SV valves?

Q.11 What are connective tissues?

Q.12 Name the joints in upper limb.

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

Q.13 Write down the properties of muscular tissues.

Q.14 Write a short note on bones of skull.

Q.15 Describe the mechanism of respiration.

Q.16 Write down the working principle of ECG.

Q17 Draw the well labeled diagram of Neuron.

Q.18 Differentiate between internal and external respiratory system.

Q.19 Describe the functional classification of joints.

Q.20 Define cardiac output? What determines cardias output?

Q.21 Write the method of measuring blood pressure.

Q.22 Differentiate between tendon and ligaments.

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

Q.23 What are epithelial tissues? Give the classification of Epithelial tissues?

Q.24 Explain about the following

a) Tidal volume

b) Vital capacity

Q.25 Write a detailed note on blood circulation through the heart?