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221913

Sem. 1 NEP
MLT
Sub : Anatomy & Physiology-1

Time : 3 Hrs. **M.M. : 60**

SECTION-A

Note: Multiple Choice Questions. All Questions are compulsory. (6x1=6)

Q.1 Which is a connective tissue

a) Cardiac muscle b) Liver cells

c) Nervous tissue d) Blood

Q.2 the hip joint is

a) None movable b) Unknown joint

c) Ball & socket joint d) None of above

Q.3 Neck muscless are _____ type of muscles

a) Voluntary b) Skeletal

c) Contractile d) Involuntary

Q.4 Full form of ECG is

a) Electro pathology b) Electrocoronogram

c) Electrocardiogram d) None of above

Q.5 Pulse can be measured by _____.

a) ECG b) MRI

c) X-Ray machine d) Stethoscope

Q.6 Which of the following is note part of the skeleton

a) Heart 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 Involuntary muscles?

Q.8 What is BMR.

Q.9 Define articulation.

Q.10 What is the function of synovial fluid?

Q.11 What are epithelial tissues?

Q.12 Name the joint present in pelvis.

Section-C

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

Q.13 Differentiate between Red bone marrow and Yellow bone marrow.

Q.14 Write a short, shot note on Ribs.

Q.15 Describe the mechanism of respiration.

Q.16 Write down the working principle of ECG.

Q.17 Draw the well labeled internal structure of king bone.

Q.18 Explain about the Vital capacity of the lungs.

Q.19 Describe the functional classification of joints

Q.20 Give the function of AV & SV valves?

Q.21 Write the method of measuring blood pressure.

Q.22 Differentiate between cardiac and smooth muscles.

Section-D

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

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

Q.24 Explain about the following.

a) Internal Respiration

b) Cardiac Cycle

Q.25 Write a detailed note on Gas exchanges in lungs?