

No. of Printed Pages : 4

181912

Roll No.....

1st Year Annual Pattern (Re-app)

Branch : DMLT

Sub.: Anatomy & Physiology

Time : 3 Hrs.

M.M. : 60

SECTION-A

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

Q.1 Connection between axon and dendrite is called _____.

- a) Synapsis
- b) Synapse
- c) Desmosome
- d) Tigh Junction

Q.2 How many types of muscles are there in human body.

- a) 1
- b) 2
- c) 3
- d) 4

Q.3 What is the normal heart rate

- a) 62/min
- b) 68/min
- c) 72/min
- d) 76/min

Q.4 _____ is not a salivary gland.

- a) Submandibular gland
- b) Sublingual Gland
- c) Parotid Gland
- d) Thyroid Gland

Q.5 _____ is the longest and largest bone of skeleton.

- a) Femur
- b) Tibia
- c) Fibula
- d) None of above

Q.6 Oestrogen & Progesterone hormone are secreted by

- a) Pancreas
- b) Overies
- c) Testis
- d) Fallopian tubes

Section-B

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

Q.7 What is the normal BP of human body?

Q.8 Nerve cells with all its branches are known as _____.

Q.9 Write the names of four sense organs.

(1)

181912

(2)

181912

Q.10 Expand ECG.

Q.11 Why meninges are important?

Q.12 Expand TSH & FSH.

Section-C

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

Q.13 Write a short note on Muscle fatigue.

Q.14 Difference between Smooth & Striated muscle.

Q.15 Differentiate between arteries and veins.

Q.16 What are the functions of pituitary glands?

Q.17 Why thyroid gland is important for us?

Q.18 Draw a well labeled diagram of neurones.

Q.19 Write a short note on composition and function of blood.

Q.20 Give the functions of ovaries.

Q.21 Write a note on TSH.

Q.22 What is the function of Insulin hormone?

Section-D

Note: Long answer questions. Attempt any Two questions out of Three Questions. $(2 \times 8 = 16)$

Q.23 Enumerate about the menstrual cycle in females.

Q.24 Explain the cardiac cycle in detail with diagram?

Q.25 Write a detailed note on CNS.