

No. of Printed Pages : 4
Roll No.

181912

1st Year / MLT

Subject : Anatomy and Physiology

Time : 3 Hrs.

M.M. : 60

SECTION-A

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

Q.1 Adrenal glands are _____ in number.

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

Q.2 Which type of blood vessels carries blood away from the heart?

- a) Veins
- b) Arteries
- c) Capillaries
- d) Arteries, veins, Capillaries

Q.3 The middle ear is formed by _____ bones.

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

Q.4 Heart muscles are called

- a) Skeletal
- b) Smooth
- c) Cardiac
- d) None of these

Q.5 Respiratory centre present in

- a) Medulla oblongata
- b) Cerebrum
- c) Cerebellum
- d) Pons

Q.6 Cranial nerves are

- a) 6 pairs
- b) 33 pairs
- c) 12 pairs
- d) None

SECTION-B

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

Q.7 Cardiac muscles are found only in the walls of _____.

Q.8 Chamber of heart are _____ in number.

Q.9 Islets of langerhans are found in _____.

Q.10 Pituitary gland known as the _____ of the body.

Q.11 Fertilization takes place in _____.

Q.12 Full form of Av node _____.

SECTION-C

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

Q.13 Describe the blood circulation through the human heart.

Q.14 Differentiate between skeletal & smooth muscle.

Q.15 Explain functions of cerebellum.

Q.16 Explain cardiac muscle with diagram.

Q.17 Differentiate between arteries and veins.

Q.18 Write the function of insulin in body.

Q.19 Write a note on conduction system of the heart.

Q.20 Write the composition of blood.

Q.21 Draw a labelled diagram of human eye.

Q.22 Write a note on male reproductive system.

SECTION-D

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

Q.23 Explain pituitary gland in detail.

Q.24 Draw and explain structure of heart.

Q.25 Explain menstrual cycle, also draw its diagram.