

181912

Subject : Anatomy and Physiology

M.M. : 60

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

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

- Veins
- Arteries
- Capillaries
- Arteries, veins, Capillaries

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. (6x1=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. (8x4=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. (2x8=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.