

Model Question paper
Human Anatomy (Z) 3

11th Standard

Biology

Reg.No. :

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I. Answer all the questions.

II. Use blue pen only.

Time : 01:30:00 Hrs

Total Marks : 55

10 x 1 = 10

Part - A

- 1) The cervical vertebra supporting the head is
(a) axis (b) atlas (c) sacral (d) lumbar
- 2) The major breathing movement is due to
(a) scalene (b) thoracic (c) diaphragm (d) intercostals
- 3) The reduction in blood pressure may be caused due to
(a) distributing vessels (b) resistance vessel (c) exchange vessels (d) reservoir vessels
- 4) Spleen is located on the left side of
(a) the abdominal cavity (b) the thoracic cavity (c) the lung (d) the kidney
- 5) The average weight of kidney in adult female is
(a) 150 g (b) 135 g (c) 75 g (d) 250 g
- 6) In human beings, the characters like height and weight are controlled by -----
(a) Modifying genes (b) Multiple factors (c) Two dominant genes (d) Two recessive genes
- 7) The muscles that have four heads are called -----
(a) Biceps (b) quadriceps (c) Gracilis (d) quadratus
- 8) The muscles that bring about the movement of lower jaw are -----
(a) Masseter temporalis and pterygoid (b) Scalene (c) Orbicularis oris (d) Infrahyoid
- 9) In human adult male, the heart weighs about -----
(a) 100 - 150 grams (b) 150 - 200 grams (c) 230 - 280 grams (d) 300 - 350 grams
- 10) The middle layer in the wall of uterus is -----
(a) Myometrium (b) Serous layer (c) Endometrium (d) Perimetrium

Part - B

10 x 2 = 20

- 11) What are floating ribs?
- 12) Name the kissing muscles.
- 13) Provide the route of systemic circulation.
- 14) What are choroid plexuses?
- 15) What are podocytes?
- 16) What are sebaceous glands?
- 17) Write a brief note on pectoral girdle.
- 18) What are the muscles of facial expression?
- 19) What is meant by root of the lungs?
- 20) Write a short note on pericardium.

Part - C

5 x 3 = 15

- 21) Describe the structure of typical human vertebra
- 22) Describe the paired and unpaired cartilages of larynx (Or) Write a short note on larynx
- 23) Give an account of the thymus.
- 24) Explain the organization of the lacrimal apparatus in human eye.
- 25) Provide the structure of human kidney

Part - D

2 x 5 = 10

- 26) Write an essay on structure and types of blood vessels.
- 27) Describe the excretory organs of man.
