

OCTOBER 2013

U/ID 14822/UCAB

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Time : Three hours

Maximum : 100 marks

PART A — (10 × 2 = 20 marks)

Answer ALL questions.

All questions carry equal marks.

Each answer should not exceed 50 words.

Write short notes on:

1. Anatomy.
2. Artery.
3. Vital capacity.
4. Reflex action.
5. Cardiac cycle.
6. Articulation.
7. Hormone.
8. Enzyme.
9. Hypothesis.
10. Limitations.

PART B — (5 × 6 = 30 marks)

Answer ALL questions.

All questions carry equal marks.

Each answer should not exceed 250 words.

11. (a) Describe about the Hyaline cartilage.

Or

(b) Explain the muscles responsible for inspiration and expiration.

12. (a) Briefly explain the neuromuscular junction.

Or

(b) Explain the properties of cardiac muscle.

13. (a) Describe the Pituitary glands.

Or

(b) Explain the functions of cerebellum.

14. (a) Describe about the urinary bladder.

Or

(b) Explain the functions of kidney.

15. (a) Explain the negative influence in research.

Or

(b) Explain the format of methodology in research.

PART C — (5 × 10 = 50 marks)

Answer ALL questions.

All questions carry equal marks.

Each answer should not exceed 500 words.

16. (a) Describe the types of bone in detail.

Or

(b) Explain the types of joint in human body with suitable example.

17. (a) Describe the types of muscle in human body.

Or

(b) Explain the functions of heart with diagram.

18. (a) Describe the central nervous system of the human body.

Or

(b) Explain the structure and functions of eye.

19. (a) Explain the reproductive system of female.

Or

(b) Explain the structure and functions of skin.

20. (a) Describe the possible research in physiology for disabled.

Or

(b) Describe about historical research in naturopathy.

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