

OCTOBER 2011

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.

1. Physiology.
2. Bone.
3. Muscles.
4. Cardiac Cycle.
5. Reflex action.
6. Thyroid gland.
7. Small intestine.
8. Nephron.
9. Hypothesis.
10. Thesis Abstract.

PART B — (5 × 6 = 30 marks)

Answer ALL questions.

All questions carry equal marks.

Each answer should not exceed 250 words.

11. (a) Describe the hyaline cartilage.

Or

(b) Describe the diaphragm.

12. (a) Explain the muscles responsible for inspiration and expiration.

Or

(b) Describe the classification of bones.

13. (a) Explain the function of cerebellum.

Or

(b) Explain the pituitary gland.

14. (a) Explain the functions of kidney.

Or

(b) Explain the process of formation of urine.

15. (a) Explain applied research.

Or

(b) Explain the influence of research in yoga.

PART C — (5 × 10 = 50 marks)

Answer ALL questions.

All questions carry equal marks.

Each answer should not exceed 500 words.

16. (a) Describe any one of the special senses of the human body.

Or

(b) Explain the pulmonary circulation with neat diagram.

17. (a) Describe shoulder girdle.

Or

(b) Describe the sex differences in skeleton.

18. (a) Explain briefly the endocrine glands of human body.

Or

(b) Explain the central nervous system.

19. (a) Explain the mechanism of urine formation.

Or

(b) Explain the structure and functions of digestive tract.

20. (a) Describe experimental research in yoga.

Or

(b) Explain the possible research for physically challenged people.

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