

MAY 2013

U/ID 14802/UCQB

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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.

Define/Explain:

1. Ribosomes.
2. Parts of a cell.
3. Corpus Luteum.
4. Name two theories of development.
5. Immovable joint.
6. Elbow joint.
7. Cardiac muscle.
8. Stomach-parts.
9. Uterus.
10. Vas deferens.

PART B — (5 × 6 = 30 marks)

Answer ALL questions.

All questions carry equal marks.

Each answer should not exceed 250 words.

11. (a) Explain the structure of neuron with sketch.

Or

- (b) Describe elastic cartilage.

12. (a) Describe theory of epigenesis.

Or

- (b) Describe meiosis.

13. (a) Explain knee joint.

Or

- (b) Explain shoulder joint.

14. (a) Describe structure of testis.

Or

- (b) Describe gross and histological structure of urinary bladder.

15. (a) Explain structure of heart.

Or

- (b) Explain structure of pancreas.

PART C — (5 × 10 = 50 marks)

Answer ALL questions, choosing either (a) or (b).

All questions carry equal marks.

Each answer should not exceed 500 words.

16. (a) Classify cartilages. Write about structure and function of each with example.

Or

- (b) List the cell organelles and describe the function of each.

17. (a) Explain spermatogenesis.

Or

- (b) Describe uterus in detail.

18. (a) Write in detail about hip joint.

Or

- (b) Write about axilla.

19. (a) Write in detail about structures in thoracic cavity.

Or

- (b) Structure of liver and gall bladder.

20. (a) Structure of Rectum in detail with a neat sketch.

Or

- (b) Structure of penis with a neat sketch.