

MAY 2011

U/ID 14802/UCQB

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Time : Three hours

Maximum : 100 marks

PART A — (10 × 2 = 20 marks)

Answer ALL questions.

Each answer should not exceed 50 words.

1. Endoplasmic reticulum.
2. Cardiac muscle.
3. Blastocyst.
4. Yolk Sac.
5. Classify Joints.
6. Metacarpophalangeal joint.
7. Mediastinum.
8. Gall Bladder.
9. Cross Section of Kidney.
10. Seminiferous tubule.

PART B — (5 × 6 = 30 marks)

Answer ALL questions.

Each answer should not exceed 250 words.

11. (a) Flat Bones.

Or

(b) Structure of Cell.

12. (a) Explain the process of fertilization.

Or

(b) Describe the phases of development.

13. (a) Describe hip joint.

Or

(b) Write an account on radial nerve.

14. (a) Explain in detail the structure of heart.

Or

(b) Describe Hepatic Portal System.

15. (a) Explain Uterus.

Or

(b) Describe Male Genital Organs.

PART C — (5 × 10 = 50 marks)

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

Each answer should not exceed 500 words.

16. (a) Classify bones and explain in detail about cortical and cancellous bones.

Or

- (b) Explain the structure and functions of cell membrane.

17. (a) Describe the theory of epigenesis.

Or

- (b) Describe the formation of placenta.

18. (a) Write in detail on development of lower limb.

Or

- (b) Describe the femoral triangle.

19. (a) Explain the gross anatomy and histology of stomach.

Or

- (b) Describe the structure and function ovary.

20. (a) Describe the anatomy of urinary bladder.

Or

- (b) Describe the structure and relationship of rectum and anus.