

NOVEMBER/DECEMBER 2018

**MAM14 — HUMAN ANATOMY AND  
PHYSIOLOGY**

Time : Three hours

Maximum : 75 marks

**SECTION A — (5 × 6 = 30 marks)**

Answer ALL questions.

1. (a) Write about the functions of upper respiratory tract.

Or

- (b) List out the functions of tongue.

2. (a) Discuss about the anatomy of Gall bladder.

Or

- (b) Write short note on Lymphatic vessel.

3. (a) Explain the functions of muscular system.

Or

- (b) Describe the anatomy of central nervous system.

4. (a) Discuss the position and structure of heart.

Or

- (b) List out the functions of thyroid gland.

5. (a) Briefly describe the composition of semen.

Or

- (b) Explain the mechanism of urine formation.

**SECTION B — (3 × 15 = 45 marks)**

Answer any THREE questions.

6. Write an elaborate account on anatomy of lower and upper respiratory tract system.
7. Discuss in detail about the physiology of lymphatic system. Add notes on Lymph node.
8. Explain in detail about the disease associated with central nervous system.
9. Give an account on structure and different parts of the circulatory system and its function.
10. Describe the anatomy and physiology of female reproductive system.