

APRIL/MAY 2019

**MAM 14 — HUMAN ANATOMY AND
PHYSIOLOGY**

Time : Three hours

Maximum : 75 marks

SECTION A — (5 × 6 = 30 marks)

Answer ALL questions.

1. (a) Write a note on the anatomy of respiratory organs.

Or

- (b) Write a short note on functions of ear.

2. (a) Briefly explain the structure and functions of liver.

Or

- (b) Write a note on formation and circulation of lymph.

3. (a) Give an account of the parts of skin and its functions.

Or

- (b) Describe the structure of a neuron with diagram.

4. (a) Write a brief note on the functions of the circulatory system.

Or

- (b) Discuss in brief about the functions of the thyroid gland.

5. (a) Give an short account on the menstrual cycle.

Or

- (b) Write a short notes on composition of urine.

SECTION B — (3 × 15 = 45 marks)

Answer any THREE questions.

6. Describe the mechanism of breathing with illustration.

7. Discuss about the Lympho-reticular system in detail.

8. Write in detail about the composition and functions of Skeleton system.

9. Write an essay on the composition of blood.

10. Give a detailed account on the physiology of formation of urine.

