

NOVEMBER/DECEMBER 2019
MAM14 — HUMAN ANATOMY AND
PHYSIOLOGY

Time : Three hours

Maximum : 75 marks

SECTION A — (5 × 6 = 30 marks)

Answer ALL questions.

- (a) Write short notes on exchange of gases in alveoli.

Or

- (b) Write a note on the sensory nature of skin.

- (a) Briefly explain the importance of salivary glands.

Or

- (b) Give an account of the lymph node.

3. (a) What is musculoskeletal system? Add a note on its functions.

Or

- (b) Write about the structure of a peripheral nervous system.



4. (a) Define hematopoiesis. Point out the functions of blood.

Or

(b) Describe the endocrine nature of the pancreas.

5. (a) Write an account on family planning.

Or

(b) Write a short notes on the functions of the urinary system.

SECTION B — (3 × 15 = 45 marks)

Answer any THREE questions.

6. Write an essay on the focusing mechanism in the human eye.

7. Discuss in detail about the digestive processes taking place in small intestine.

8. Write in detail about the central nervous system.

9. What are the different parts of circulatory system? Explain in detail.

10. Describe the physiology and spermatogenesis of human male reproductive system.

