

N. B. : (1) Attempt any four questions.
(2) Draw diagrams wherever necessary.

1. Write short notes on following (any four) :-

- (a) Lens of eye
- (b) Spermatogenesis
- (c) Salivary glands
- (d) Muscles of breathing
- (e) Structure of spinal cord

2. (a) Explain cardiac cycle in detail. Add a note on CO and stroke volume. 10
 (b) Explain exchange of gases. 10

3. (a) Explain structure and function of cell. 8
 (b) Explain glands of endocrine system. 12

4. (a) Explain lobes of cerebrum. 10
 (b) What is Blood pressure and what are the techniques to control the Blood pressure. 10

5. (a) Draw and explain structure of ear. 10
 (b) Draw and explain structure and functions of liver. 10

6. Write short notes on any four :- 20

- (a) Structure of neuron
- (b) Cardiac muscle tissue
- (c) Blood groups
- (d) Structure of stomach
- (e) Functions of skin.