



b) Describe parotid gland under the following headings :

- i) Gross structure and relations (3)
- ii) Blood supply (3)
- iii) Nerve supply (3)
- iv) Applied Anatomy (3)

SECTION – B (33 Marks)

(Physiology)

3. Short answer question (any four out of five) : (4×5=20)

- a) Functions of Bile.
- b) Mechanisms of Blood Pressure regulation.
- c) Spermatogenesis.
- d) Functions of Skin.
- e) Define Diabetes Mellitus and explain Physiological actions of Insulin Hormone.

4. Long answer question. (1×13=13)

- a) Describe the process of Blood Coagulation. Write a note on bleeding time and clotting time. (6)
- b) Describe the Neural regulation of Respiration. (7)

OR

Long answer question :

c) Define GFR. What are the factors regulating GFR ? (6)

d) Define and classify immunity. Write a note on role of B Lymphocytes in immunity. (7)