

SECTION - B (29 Marks)
(Pathology)

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

- a) What is primary complex ? Give the fate of primary complex.
- b) Mention sites of CSF collection, indications of CSF examination and describe microscopic features in bacterial meningitis.
- c) Mention the gross and microscopic features of benign prostatic hyperplasia.
- d) Mention the sites of bone marrow aspiration in adults and in infants. Mention the indications of bone marrow examination.
- e) Describe the gross and microscopic features of chronic pyelonephritis.

4. Long answer question (**any one** out of two) : **(1×9=9)**

- a) Classify ovarian tumours. Describe gross and microscopy of benign cystic teratoma of ovary.
- b) Define neoplasia and write the differences between benign and malignant tumours.

SECTION - C (6 Marks)
(Genetics)

5. Short answer question (**any two** out of three) : **(2×3=6)**

- a) Mendel's laws
- b) Steps of Karyotyping
- c) Turner's syndrome.

