



- Q-5**      **Attempt all questions**      **(14)**
- a) Describe structural features and functions of Mitochondrion      **(7)**
- b) Explain the functions of biological membranes      **(7)**
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- Q-6**      **Attempt all questions**      **(14)**
- What are the causes of cancer? Describe the different stages of cancer development. Add a note on diagnosis and treatment.
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- Q-7**      **Attempt all questions**      **(14)**
- a) Write a short note on cAMP Pathway      **(7)**
- b) Differentiate between gram positive and gram negative bacteria      **(7)**
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- Q-8**      **Attempt all questions**      **(14)**
- a) Write a short note on Lysosomes      **(7)**
- b) Write a short note on Endoplasmic Reticulum      **(7)**

