

SECTION- B

- Q11. What is the importance of biology in medical laboratory sciences?
- Q12. Explain the gene regulation in prokaryotes.
- Q13. Describe the structure of epithelial tissue.
- Q14. Differentiate between prokaryotic and eukaryotic.
- Q15. Explain Mendel's Law of independent assortment.

SECTION-C

- Q16. What are amino acids? Describe the mechanism of protein synthesis.
- Q17. What is a DNA probe? Explain the principle of Sanger's method of DNA sequencing.
- Q18. What is cell? Briefly explain the cell organelles and their functions.

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