

SECTION - B (35 Marks)

3. Short answer question (any four out of five) : (4×5=20)
- a) Write down the differences between oral and killed polio vaccine.
 - b) What are the various modes of transmission of infections ?
 - c) Write down the morphological classification of fungi with examples.
 - d) Bacterial growth curve.
 - e) Write the life cycle of *Pl. vivax*.
4. Long answer question (any one out of two) : (1×15=15)
- a) Draw well labelled diagram of HIV virus. Write modes of Transmission of AIDS. Write in detail pathogenesis and laboratory diagnosis of AIDS.
 - b) Enumerate the organisms causing urinary tract infection. Write down the laboratory diagnosis of UTI.

