

Course: B.SC Life Sciences

18/10/2023

Paper: Animal Biotechnology

Semester: V (SECTION-B)

Internal Test

Maximum marks: 20

Time: 1hour

- Q1. a) What is polymerase chain reaction (PCR)? Write down the various step involved in PCR with well levelled diagram (7marks)
- b) Name the enzyme isolated from *Thermus aquaticus* and its role in PCR (3marks)
- Q2. a) What is DNA sequencing and explain it in details with the help of example (7 marks)
- b) Write down the ingredient of Sanger sequencing (3marks)