

U.G. 5th Semester Examination - 2020
Molecular Biology & Biotechnology
[HONOURS]
Discipline Specific Elective (DSE)
Course Code: MBBT(H)/DSE-1/PR
[PRACTICAL]

Full Marks : 20

Time : 2 Hours

*The figures in the right-hand margin indicate marks.***Answer all the questions.**

1. Answer any **one** of the following: 10×1=10
 - a) Prepare Minimal Essential Media. Write the principle and procedure for preparation of Minimal Essential Media. 5+5
 - b) Isolate genomic DNA from the given animal tissue? Write the principle and procedure of the isolation process. 5+5
 - c) Apply an absorbance based quantification method to quantify a given DNA sample. Write the principle and procedure of this method. 5+5

- d) Perform a density gradient centrifugation for isolation of lymphocytes from peripheral blood. Write the principle and procedure of this experiment. 5+5

2. Viva- voce 5
3. Lab notebook 5

[Turn over]