

**U.G. 5th Semester Examination - 2021****ZOOLOGY****[HONOURS]****Course Code : ZOOL-H-CC-P-11****[PRACTICAL]****(Molecular Biology Lab)**

Full Marks : 20

Time : 2 Hours

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

1. Identify the given figure with reasons: 3



2. a) Write down the principle and procedure of the isolation and quantification of genomic DNA using spectrophotometer. 3+4

**OR**

- b) Write down the principle and procedure of the Agarose gel electrophoresis for DNA.

3+4

3. Submission of Laboratory Notebook. 5
4. Viva voce. 5

*[Turn over]*