

U.G. 5th Semester Examination - 2020

ZOOLOGY

[HONOURS]

Course Code : ZOOL(H)CC-P-11

[PRACTICAL]

Full Marks : 20

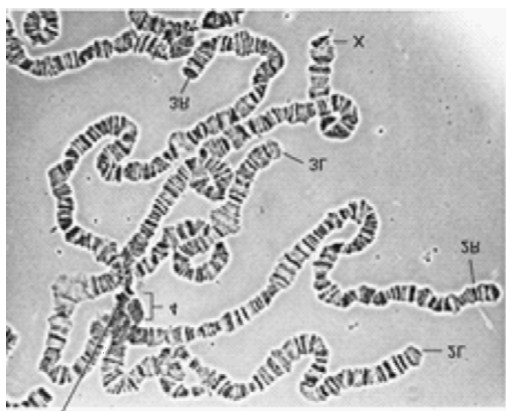
Time : 2 Hours

The figures in the right-hand margin indicate marks.

1. Answer any **two** of the following questions:

5×2=10

- a) Identify this picture and give reasons for your identification (Key or picture is provided along with this question in a separate sheet). What is Lampbrush chromosome? 3+2=5



[Turn over]

- b) What is the principle of Agarose Gel Electrophoresis for DNA isolation technique? Write down the procedure in brief for DNA isolation by Agarose Gel Electrophoresis.

2+3=5

- c) What is the principle regarding quantification of genomic DNA using Spectrophotometer (A260 measurement). Write down the procedure in a brief way for quantification of genomic DNA using Spectrophotometer (A260 measurement). 2+3=5

2. Laboratory Note book. 5
3. Viva- voce. 5

