

2021

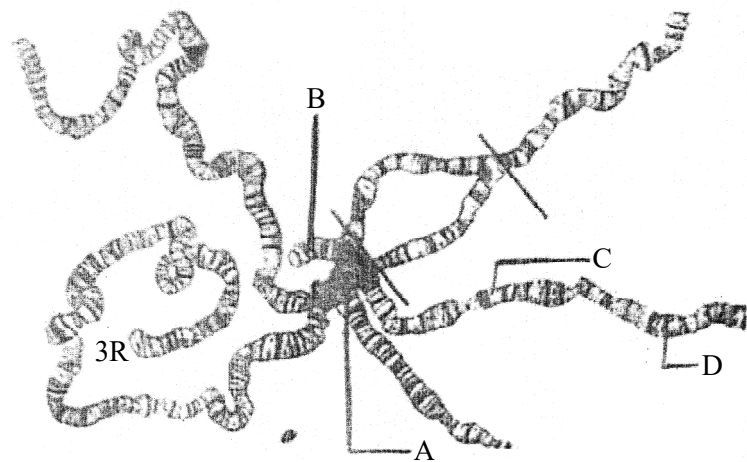
ZOOLOGY — HONOURS — PRACTICAL

Paper : CC-2P

Full Marks : 30

*The figures in the margin indicate full marks.*

1. Identify the given chromosome with any four salient features. Label the parts A – D. 2+4+4



2. Write down the steps involved in isolation of DNA from goat liver. 8
3. (a) Write the principle of agarose gel electrophoresis for DNA. Mention the use of comb plate and micropipette used in this process. Mention the composition of the buffer used in this process.
- (b) The following DNA samples are provided for electrophoretic separation
- Sample A : 100 bp
- Sample B : 200 bp
- Draw and label the observation. (5+2+2)+(2+1)
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