

AS/2051

Set-II

5904/MH

Paper 1-Biodiversity

Max Marks -40

Time-3 Hours

Note- Candidate are required to attempt two questions from section-A and section-B. Entire section-C is compulsory.

Section-A

1. Write classification upto order, ecological note, and economic importance of *Cancer*, *Euparugus* and *Balanus*.
2. Write a Short note including economic importance and ecological notes on *Cicada*, *Poeciloceris* and *Millipede*.
3. Write classification upto order and economic importance of *Aranea*, *Limulus* and *Periplaneta*
4. Discuss briefly about social organization in case of termites.

6x2=12 Marks

Section B

5. Write classification upto order, ecological note, and economic importance of *Mytilus*, *Solen* and *Doris*.
6. Write a short note on external characters and affinities of *Balanoglossus*.
7. Write a Short note including economic importance and ecological notes on *Patella*, *Aplysia* and *Ophiothrix*.
8. Discuss briefly about water vascular system of *Asterias*.

6x2=12 Marks

Section-C

1. Characters of Hemichordata.
2. Classification of *Lobster* and *Apis*.
3. Economic importance of Beetle and moth.
4. Ecological note on Centipede and Scorpion.
5. Classification of *Chiton* and *Pecten*.
6. Characters of Echinodermata
7. Economic importance of *Limax* and *Loligo*.
8. Ecological note on *Cucumaria* and *Echinus*.

2x8= 16Marks