

M.Sc. (Zoology) Third Semester Old
**MSC12-1 / ZOO-12 - Special Group-Entomology-II - Classification & Industrial
Insects Paper-XII**

P. Pages : 1

Time : Three Hours



GUG/W/18/2323

Max. Marks : 80

- Notes :
1. All questions are compulsory.
 2. All questions carry equal marks.
 3. Draw well labelled diagram wherever necessary.

1. Write an essay on general characters of Mallophaga. 16

OR

Write notes on:

- a) Thysanura b) Siphonaptera

2. Give an account of general characters and classification of Lepidoptera. 16

OR

Write notes on:

- a) Orthoptera b) Hemiptera.

3. Write an account on Lac. 16

OR

Write notes on:

- a) Diseases in silkworm. b) Bombyx mori

4. Explain Eri sericulture in detail. 16

OR

Write notes on:

- a) Silk production in Tassar. b) Honey bee – Colony formation

5. Attempt the following. 16

- a) General characters of collembola.
- b) Classification of Coleoptera.
- c) Silk gland.
- d) Cocoon formation.
