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(20516)

B. Sc. (Micro.)-I Year

Roll No.

3487

B. Sc. (Micro.) Examination, May 2016

Mycology, Phycology & Protozoology

(B-104)

Time : Three Hours]

[Maximum Marks : 50

Note : Attempt Five questions in all. Question No. 1 is compulsory.

1. Write short notes on any five of the following: $2 \times 5 = 10$

(a) Cleistothecia

(b) Wart disease of potato : symptoms and causal organism

(c) Ascariasis

(d) Pseudopodia

(e) Parasitic algae

(f) Loose smut of wheat

(2)

(g) Diatomaceous earths

(h) Agar-agar.

2. Write down brief outline classification of the fungi according to Alexopoulos Mims and Blackwell. 10

3. Write down the process of reproduction in Oedogonium. 10

4. Write down the thallus organization in fungi. 10

5. Describe the economic importance of Nematodes. 10

6. Write down the name of five diseases caused by fungi and their causing organisms and symptoms. 10

7. Write short notes on any two of the following: $5 \times 2 = 10$

(a) Chlamydomonas

(b) Velvex

(c) Cladophora.

8. Write short notes on any two of the following: $5 \times 2 = 10$

(a) Alternaria

(b) Mucor

(c) Rhizopus.