

Half yearly Examination- 2014-2015

B.Sc.- 1ST

BOTONY-1ST

*Attempt only five question, first question is compulsory.

Ques.1- What is Bacteria? Describe in detail the structure their colonization and flagellation with nutrition and reproduction ?

Ques.2- Write short notes :-

- (a) Bacteriophage
- (b) T.M.V
- (c) Economics importance of Bacteria
- (d) Difference between prokaryotic & Eukaryotic cell
- (e) Mycoplasma

Ques.3 - Describe the various methods of transmission of viruses.

Ques.4 - Give causal organism of following :-

- (a) Early light of potato
- (b) White rust of crucifere
- (c) Late light of potato
- (d) Loose smut of wheat
- (e) Gtrus canker

Ques.5 - Describe the electron microscopic cell ?

Ques.6 - Write short note on :-

- (a) Difference between rust & smut
- (b) Fairy rings
- (c) Bacterial cell
- (d) Mushroom cultivation
- (e) Fungicides

Ques.7 – Describe in detail about the disease loose smut of wheat and method of its control.

Ques.8 – With the help of diagram describe the life cycle of puccinia.

Ques.9 – Give an outline of classification on proposed by alenowpolous.

Ques.10 - Difference between gram positive and gram negative bacteria or staining of Bacteria.

