

Syllabus for the post of AD-PHM (H & F):

- Plant Pathology - History and Principles of Plant Pathology
- Preparation of media, isolation of pathogens and their identification, preservation of microorganisms in pure culture
- Molecular detection of pathogens using different methods.
- Management of pathogens through satellite antisense - RNA, Ribozymes etc.
- Mycology
- Plant bacteriology
- Plant Virology
- Plant disease epidemiology
- Diseases of important crop plants, vegetables, flowers, fruits and their management.
- General principles of plant quarantine
- Sanitary and phytosanitary issues
- Use of antagonistic microorganisms in biological control of plant pathogens
- Integrated disease management of crop plants, flowers and fruit crops.