

National Institute of Plant Health Management, Hyderabad

(An autonomous organization under the Ministry of Agriculture & Farmers Welfare Government of India)

23-12-2016

Subject : *Duties, Procedure for selection and Syllabus for recruitment of Assistant Director (PS) and Assistant Director (PHM-H & F) – Reg.*
Reference : *Advertisement Notification No.12/2016, dated 14-12-2016 and Corrigendum dated 15-12-2016*

A. DUTIES & PROCEDURE FOR SELECTION:

Sl. No.	Name of the Post	Direct / Deputation	No. of Posts	Reservation for Direct Recruitment as per roster	Duties of the Post	Procedure for selection
1	Assistant Director (Pest Surveillance)	Direct	01	PwD – (OH)	As Sub-divisional heads they are expected to plan, implement and coordinate various activities of their sub-divisions to enable the Joint Directors / Directors accomplish the responsibilities assigned. Any other duties assigned by the Joint Directors, Directors or the Director General from time to time.	Selection will be based on Written Test followed by PPT and Interview.
2	Assistant Director (PHM– Horticulture & Floriculture)	Direct / Deputation*	01	OBC		

B. SYLLABUS

Syllabus for AD – Pest Surveillance Selection

1. Principles & concepts of Pest Survey & Surveillance
2. Types of Pest Surveillance & their importance to Agriculture /Horticulture
3. Pest surveillance for economically important food crops, Fibre crops & commercial crops
4. Pest Surveillance in relation to Pest forecasting & Pest Management
5. International standards on Phytosanitary Measures (ISPMs) related to Pest Surveillance
6. Concept of pest free area & areas of low pest prevalence
7. Pest Surveillance in relation to Pest Incursion Management i.e. containment, eradication of pests
8. Tools in Pest Surveillance (Insect pests, diseases, vertebrate pests i.e. rodents)
9. Locust Pest Surveillance
10. Importance of Pest Surveillance in Pest forecasting, predicting pest out break & developing pest management strategies.
11. Success stories of pest surveillance in promotion of gram production in India.
12. E-pest surveillance & basic requirements for E-pest surveillance.

Syllabus for AD – PHM-Horticulture & Floriculture Selection

1. Plant Pathology – History and Principles of Plant Pathology.
2. Preparation of media, isolation of pathogens and their identification, preservation of microorganisms in pure culture.
3. Molecular detection of pathogens using different methods.
4. Management of pathogens through satellite antisense – RNA, Ribozymes etc.
5. Mycology
6. Plant bacteriology
7. Plant Virology
8. Plant disease epidemiology
9. Diseases of important crop plants, vegetables, flowers, fruits and their management.
10. General principles of plant quarantine.
11. Sanitary and phytosanitary issues.
12. Use of antagonistic microorganisms in biological control of plant pathogens
13. Integrated disease management of crop plants, flowers and fruit crops.


REGISTRAR