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Total No. of Pages : 02

Total No. of Questions : 18

B.Voc. Agriculture (2018 & Onwards) (Sem.-1)

PRINCIPLES OF PLANT PATHOLOGY

Subject Code : BVAG-106-18

M.Code : 75654

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

SECTION-A**Write briefly :**

- Q1. What do you mean by IDM?
- Q2. What is Disease Triangle?
- Q3. What is the composition of Bordeaux mixture? Who discovered it?
- Q4. What do you mean by Primary & Secondary Inoculums? Give example of each.
- Q5. What do you mean by Biological control? Give two examples.

Differentiate between the following :

- Q6. Disease and Epidemic
- Q7. Virus and Viroid
- Q8. Algae and Fungi
- Q9. Resistance and Tolerance
- Q10. Root rot and wilt

SECTION-B

- Q11. Write the important characteristic of fungi.
- Q12. What is Plant Disease Epidemiology? Give any two examples of epidemics diseases alongwith their causal organisms.
- Q13. Give the important contributions of (i) EJ Butler (ii) KC Mehta
- Q14. Write short note on solar heat treatment.
- Q15. Explain active and passive dispersal alongwith examples.

SECTION-C

- Q16. a) What do you mean by Survival? Give sources of survival of
- i) loose smut of wheat
 - ii) Sheath blight of rice
 - iii) Apple scab.
- b) Write short note on management root knot nematode in crops.
- Q17. Differentiate between infection & infestation. Give brief note on Physiological Specialization in rust fungi.
- Q18. Write short note on Plant quarantine and inspection? Explain its role in managing plant diseases.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.