MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END EXAMINATION

B.Sc. (Hons.) Agri. Business Management

Semester	: **III (New)**	**Term**	: **I**	**Academic Year**	: **2018-19**
Course No.	: PATH 231	**Title**	: **Fundamentals of Plant Pathology**		
Credits	: 2(1+1)				
Day & Date	: Friday, 16.11.2018	**Time**	: 9.00 to 11.00	**Total Marks**	: **40**

Note :
1. Solve **ANY EIGHT** questions from **SECTION "A"**.
2. All questions from **SECTION "B"** are compulsory.
3. All questions carry equal marks.
4. Draw neat diagrams wherever necessary.

SECTION "A"

Q.1 Define plant pathology .Write objectives of plant pathology.

Q.2 Give contribution of following scientists in relation to plant pathology.

a) K.C. Mehta
b) K. R. Kirtikar
c) M. K. Patel
d) T. S. Sadasivan

Q.3 Explain history and development of plant pathology in different eras.

Q.4 Explain causes of plant disease.

Q.5 Give classification of plant disease.

Q.6 Define IDM. Write importance and advantages of IDM..

Q.7 Enlist methods of plant disease management and explain eradication of pathogen method.

Q.8 Give methods of developing resistance in plant.

Q.9 Define disease forecasting. Explain methods of disease forecasting.

Q.10 Explain methods of reproduction of fungus.

SECTION "B"

Q.11 Define the following terms.

1) Pathogenicity
2) Formulation
3) Plant disease
4) Etiology

Q.12 State True or False.

1) Bacteria are abiotic cause of plant disease.
2) Black tip of mango is caused by air pollutants.
3) Cuscuta is a stem parasite.
4) Disease resistance can be induced in plant.

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