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SEAT No. :

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**P796**

**[5315]-388**

**T.Y.B.Sc.**

**SEED TECHNOLOGY(Vocational)  
Seed Pathology and Entomology  
(2013 Pattern) (Semester-III) (Paper-V)**

*Time : 2Hours]*

*[Max. Marks : 40*

*Instructions to the candidates:*

- 1) *All questions are compulsory.*
- 2) *Figures to the right indicate full marks.*
- 3) *Neat diagrams must be drawn wherever necessary.*

**Q1)** Answer the following:

**[10×1=10]**

- a) Give one example of storage fungi.
- b) Give one distinguishing character of order coleoptera.
- c) Give one example of seed borne bacteria.
- d) Mention one step/ measure for the managment of seed storage structure.
- e) Give one example of seed borne viral diseases in plants.
- f) What is a pest?
- g) Mention one control measure adopted for insect pest of pulses.
- h) What is the purpose of seed treatment.
- i) What is infestation.
- j) What is infection.

**Q2)** Answer any two of the following:

**[2×5=10]**

- a) Explain any one method for seed health test .
- b) Give a brief history of seed pathology.
- c) Explain how the insects act as vectors of plant diseases?

**P.T.O.**

**Q3)** Write notes on any two:

**[2×5=10]**

- a) Seed transmission.
- b) Seed Storage and pest problem.
- c) History of insect pest.

**Q4)** Explain the life cycle, damage caused and symptoms due to any one insect pest of cereals or pulses.

**[10]**

OR

Describe the various entry points of seed infection.

