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3. Fill the following table

<u>Pathogen</u>	<u>Disease</u>
a. <i>Hemileia vastatrix</i>	
b.	Dumping off
c. <i>Phytophthora infestans</i>	
d.	Maize rust
e.	Soft rot

4. Name the five disease induction mechanisms used by pathogens.

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5. State five features of a biological control agent.

6. Describe the transmission of plant viruses.

7. List five factors that guide fungal spore germination on leaves of plants.

8. State five signs of hypersensitive reaction shown by plants on infection.

SECTION B: ESSAY (30 Marks)

1. Discuss the abiotic factors that regulate the level of crop damage by a pathogen.
2. Discuss induced structures formed by plants upon invasion by a pathogen.
3. (a).Discuss damping-off disease under the following sub-headings:
 - i. Cause (1mk)
 - ii. Types (2mks)
 - iii.Symptoms of attack (4mks)
 - iv.Disease development (8mks)
- (b).Discuss cultural methods of disease control (15mks).