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B.Sc. PART I PAPER I
CORE CONCEPT OF PLANT PATHOLOGY

PARASITIC DISEASES: Diseases induced by parasitic causal agencies particularly by fungi are the parasitic disease. The development of the parasitic disease induced by parasitic causal agencies particularly by fungi, bacteria, slime molds, and viruses has a sequence of events of the disease cycle is greatly following in cyclic order and as such comprises a disease cycle. The sequence of events of the disease cycle is greatly considerable. But the disease cycle basically consists of two phases the dormant phase and active phase. During active phase the causal agency (pathogen) remains in dormant condition and overcomes the unfavorable

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Conditions in the perennating organs. These perennating organs may be spores of varied forms, resting vegetative cells, resting mycelium, virus particles etc. The perennating organs may remain in or on propagating organs of the host, in diseased plant debris, in soil, in collateral hosts, in insect body etc. When disease occurs its quality, severity and its epidemic potential or how fast it will advance is very much dependent on the interactions among host, pathogen and physical environment.
