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Gandhi Institute of Engineering and Technology University, Odisha, Gunupur
(GIET University)

B. Sc. (Ag.) (First Semester - Regular) Examinations, January – 2026

PPT-111 - Fundamentals of Plant Pathology

Time: 2 hrs | Maximum: 40 Marks

Answer ALL questions

(The figures in the right hand margin indicate marks)

PART – A **(2 x 5 = 10 Marks)**

Q.1. Answer ***ALL*** questions

		CO #	Blooms Level
a.	Monotrichous and peritrichous flagella	CO1	K1
b.	Characteristics of bacteria	CO2	K1
c.	Haustoria and Rhizoids	CO3	K2
d.	Mycelium and Hypha	CO2	K1
e.	Obligate parasite and facultative parasite	CO2	K2

PART – B **(6 x 5 = 30 Marks)**

Answer ***any six*** questions

		Marks	CO #	Blooms Level
2.	Write in details about methods of sexual reproduction in fungi with suitable diagram where needed?	5	CO2	K2
3.	Write down the definition of fungi and briefly describe about modification of vegetative structures of the fungi?	5	CO2	K3
4.	Write in details about asexual fruiting bodies of fungi with suitable diagram and examples?	5	CO2	K3
5.	Write short notes on the following questions? a. Types of Flagellar arrangement in bacteria b. Bacterial cell wall	5	CO1	K2
6.	Briefly describe about characteristics and transmission of plant viruses.	5	CO2	K1
7.	Briefly describe about these mollicutes- Phytoplasma and Spiroplasma	5	CO1	K2
8.	Discuss with examples different types of asexual spores produced by fungi.	5	CO3	K3
9.	Discuss in brief about the principles of plant disease management.	5	CO2	K2

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