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252-55-005
Adnan

Daffodil International University

Department of Agricultural Science
Faculty of Agriculture Sciences
BSc. in Agricultural Science
Final Examination- Summer 2026

Course Code:0817-2105
Level & Term: L2, T1
Time: 2 Hrs

Course Title: Fundamentals of Plant Pathology
Section:252(A, B & C)
Course Teacher: DMA and SI
Full Marks: 40

"Split answering is strictly prohibited"

1.	Mention the causal organism/pathogens of the following plant diseases (**any eight**): Anthracnose of mango, Blast of rice, Bacterial wilt of brinjal, Bipolaris leaf blight of wheat, Crown gall of wheat, Dodder, Fruit rot of jackfruit, Late blight of potato, Root knot nematode, Rust of wheat, *Tobaco Mosaic Virus* disease and *Tomato Yellow Leaf Curl Virus* disease.	PLO1 CLO1-3 C3	8
2.	(a) What do you mean by imperfect fungi? State the major characteristics of Deuteromycotina fungi.	PLO2 CLO1 C1	3
	(b) Draw and label the life-cycle of *Ascomycotina* fungi.	PLO2 CLO1 C2	5
3.	(a) What do you mean by Club fungi? State the major characteristics of Basidiomycotina fungi.	PLO4 CLO2 C1	3
	(b) Draw and label the life-cycle of *Puccinia graminis tritici.*	PLO4 CLO2 C2	5
4.	(a) Classify Bacteria on the basis of disease development with appropriate example.	PLO4 CLO2 C2	4
	(b) Draw and label the female forms of plant-parasitic nematodes.	PLO4 CLO2 C3	4
5.	(a) Define virus and Persistent virus. What are the key properties of plant viruses?	PLO1 CLO2 C3	4
	(b) State the Persistent and Non persistent types of plant viruses.	PLO5 CLO2 C4	4