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

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

NG-3 - Introductory Biology

Time: 2 hrs | Maximum: 50 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.	Explain seed dormancy	CO1	K1
b.	Define flower and write its parts	CO2	K2
c.	What is Seed Germination	CO1	K4
d.	Define aestivation	CO3	K1
e.	Define Mitosis and Meiosis	CO3	K1

PART – B **(8x 5=40 Marks)**

Answer any ***Eight*** questions

		Marks	CO #	Blooms Level
2.	Draw the flow chart for stem modifications and explain about aerial stem modifications along with examples	5	CO1	K6
3.	Classification of fruits along with examples	5	CO4	K1
4.	Define fruit and explain about drupe, pome and pepo with examples	5	CO2	K4
5.	Define stem and write the characteristics of stem	5	CO3	K4
6.	Define ecosystem and explain about abiotic factors constitute for ecosystem	5	CO1	K1
7.	Draw the flow chart for root modifications and explain about root modifications along with examples	5	CO2	K6
8.	Define flower and write the parts of flowers with diagram	5	CO3	K6
9.	List out and describe about cymose inflorescence along with examples	5	CO2	K4
10.	Explain the methods to break the seed dormancy	5	CO4	K2
11.	List out and explain about leaf modifications with examples	5	CO1	K4

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