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



B. Sc. (Ag.) (Fourth Semester - Regular) Examinations, April – 2026

AG-224 – Crop Production Technology-II (Rabi crops)

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. Retting of linseed	CO4	K3
b. Differentiate between mustard and rapeseed	CO3	K2
c. Nutrient management of wheat	CO4	K2
d. Rabbing	CO4	K3
e. Economic importance of sugarcane	CO1	K2

PART – B

(6 x 5 = 30 Marks)

Answer any six of the following.

	Marks	CO #	Blooms Level
2. What is nipping? Write down the difference between desi and kabuli type of chickpea.	5	CO3	K2
3. Give a brief description of method of sowing, spacing and water management of wheat.	5	CO4	K3
4. Give a brief description of method of harvesting and curing of tobacco.	5	CO5	K3
5. What is seed hardening in sunflower? Describe the economic importance and harvesting of sunflower.	5	CO1	K2
6. Write down time of planting, seed rate, spacing, nutrient management and method of harvesting of sugarcane.	5	CO4	K3
7. What is the importance of potassium nutrition in tobacco? Write about seed treatment in pulses with “rhizobium culture”.	5	CO2	K2
8. Enumerate the improved agronomic practices suitable for maximising yield of lucerne in brief.	5	CO4	K4
9. Explain in detail ratoon management and its advantage in sugarcane.	5	CO4	K2

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