



Brainware University 398, Ramkrishnapur Road, Barasat Kolkata, West Bengal-700125

Time: 2:0 Hours

BRAINWARE UNIVERSITY

Term End Examination 2023
Programme – B.Sc.(Ag)-Hons-2021
Course Name – Crop Production Technology - II [Rabi Crops]
Course Code - CC-BAG471(T)
(Semester IV)

Full Marks: 50

[The figure in the margin indica	tes full marks. Candidates are required to give their answers in their own words as far as practicable.]
	Group-A (Multiple Choice Type Question) 1 x 20=20
1. Choose the correct alternati	re from the following :
(i) Show the correct option: R	pening in sugarcane is enhanced by spraying
a) Sodium metasilicatec) Ethrel(ii) Show the correct option: _	b) Polarisd) d. all these are correct% of brix reading indicates the maturity of sugarcane
a) 16 – 18 c) 25 – 27	b) 18 – 25 d) None of these
(iii) Select the most cultivateda) Ricec) Maize(iv) Choose the correct option world	b) Wheat d) None of theseleads as highest productivity of wheat in the
a) Indiac) China(v) Choose the correct optionIndia is in	b) USA d) None of these 70% of area and 75% of the production of groundnut in
a) A.Pc) Both(vi) Choose the correct option	b) Tamil Nadu d) None of these Highest productivity of wheat is instate of India
 a) Tamil Nadu c) Maharastra (vii) Choose the correct option bloom stage 	b) Punjab d) None of these Optimum time of harvesting of oat isper cent
a) 50 c) 80 (viii) Select the Common wheat	b) 70 d) None of these
a) Triticum durum	b) Triticum dicoccum
c) Triticum aestivum	d) None of these

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(ix) Show the correct option: Wheat is a	plant	
a) Short day	b) long day	
c) day neutral	d) None of these	
(x) Show the correct option: Pea crop needs		
a) Cold & dry climate	b) Hot & humid	
c) dry & hot	d) None of these	
(xi) Show the correct option: Pea should be tre	eated with rhizobium inoculation of	
a) R. Japonicum	b) R. leguminosarum	
c) R. glycine	d) None of these	
(xii) Show the correct option: Higher yield of pe		
a) Use of higher dose of phosphate	b) Adequate amount of N	
c) No nitrogen application (xiii) Show the correct option: India stands	d) None of these	
the world	position in oilseed production	in
a) 5	b) 6	
c) 4	d) None of these	
(xiv) Show the correct option:is known as		
a) Safflower	b) Sunflower	
c) Linseed	d) None of these	
(xv) Show the correct option: The peculiar pung		
presence of	, , , , , , , , , , , , , , , , , , , ,	
a) erusic acid	b) sinigrin	
c) Glucosinolates	d) None of these	
(xvi) Select the recommended seed rate for kab	uli gram (kg/ha)	
a) 20-25	b) 100-125	
c) 80-100	d) None of these	
(xvii) Select the recommended seed rate for lent	il (kg/ha)	
a) 10-20	b) 75-100	
c) 30-40	d) None of these	
(xviii) Show the correct option: The precipitated i removal by filtration is called	mpurities contained in the cane juice, af	ter
a) Pressmud	b) Bagasse	
c) Molasses	d) all these	
(xix) Show the correct option: How much seed or rhizobium culture	of Pea should be treated with one packet	of
a) 5 kg	b) 10 kg	
c) 15 kg	d) None of these	
(xx) Show the correct option: Seed rate for single	le budded setts is setts /ha	
a) 50000	b) 75000	
c) 187500	d) None of these	
Gı	roup-B	
(Short Answer	Type Questions)	2.5 x 10=25
2. Explain why is it necessary to dry grains before	e storing them?	(2.5)
4. Explain seeds and sowing of wheat.	, , , , , , , , , , , , , , , , , , , ,	(2.5) (2.5)
5. Summarize the economic importance of barle	y.	(2.5)
6. Explain the seeds and sowing of barley		(2.5)
7. Explain three varieties of each cultivars of chic	ckpea	(2.5)

		Library
8.	Explain the economic importance of chickpea	Brainware University
9.	Summarize the byproducts of sugarcane	398, Ramkrishnapur Roa (285)
10.	Discuss about the composition and uses of different mint species	Kolkala, West Bengal-(205)
11.	Explain the soil and climatic requirements for oats cultivation	(2.5)
	OR	
	Decide a sunflower based cropping system in West Bengal condition	(2.5)
	Group-C	
	(Long Answer Type Questions)	5 x 1=5
12.	Explain the package of practices of mint cultivation	(5)
2	OR	
	Explain the Post Harvest Technology of Citronella	(5)