



BRAINWARE UNIVERSITY

Term End Examination 2023-2024 Programme – B.Sc.(Ag)-Hons-2022 Course Name – Crop Production Technology–II (Rabi Crops) Course Code - CC-BAG471(T) (Semester IV)

Full Marks: 50 Time: 2:0 Hours

[The figure in the margin indicates 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

(i) Choose the correct option: Permanent adventitious roots of wheat is called
a) Primary roots
b) Secondary roots

Choose the correct alternative from the following:

c) Clonal roots

d) None of these

- (ii) Select Duram wheat
 - a) Triticum durum

b) Triticum dicoccum

c) Triticum aestivum

- d) None of these
- (iii) Select the centre of origin of Barley
 - a) America

b) S. Africa

c) Asia & Ethiopia

- d) None of these
- (iv) Choose the correct option: In India the highest producer of barley is
 - a) U.P

b) Punjab

c) W.bengal

- d) None of these
- (v) Choose the correct option: Photoperiodically, barley is a type of plant is
 - a) Short day

b) Long day

c) Day neutral

- d) None of these
- (vi) Choose the correct option: _____variety is suitable for malting
 - a) Amber

b) Neelam

c) RD 137

- d) None of these
- (vii) Choose the correct option: Triticale is a cross between
 - a) Wheat & Maize

b) Wheat & Rice

c) Wheat & Rye

- d) None of these
- (viii) Choose the correct option: Chick pea belongs to the family
 - a) Tiliaceae

b) Leguminoceae

c) Linaceae

- d) None of these
- (ix) Choose the correct option: Nipping in chick pea is a process of

a) To enlarge branchingc) To protect plants against lodging	b) To reduce plant heightd) None of these	
(x) Choose the correct option: Weed in lentil can	be controlled by applying	
a) 2,4-D	b) Fluchloralin	
c) both	d) None of these	
(xi) Choose the correct option: The insect pod bo	rer is commonly found on	
a) Wheat	b) Lentil	
c) Maize	d) None of these	
(xii) Select winter oilseed crop		
a) Groundnut	b) Sunflower	
c) Rape seed	d) None of these	
(xiii) Select the origin of sunflower	1	
a) India	b) Argentina	
c) South west America	d) None of these	n
(xiv) Show the correct option: . Sugarcane is the the country India	most important industrial crop i	11
a) First	h) Third	
c) Second	b) Third d) Fourth	
(xv) Show the correct option: Productivity of suga	•	
state	realie is high in which of the fellowing	
a) Maharastra	b) Tamil Nadu	
c) Punjab	d) Uttar Pradesh	
(xvi) Show the correct option: Molasses is used for	•	
a) Alcohol	b) Fuel	
c) . Fertilizer	d) None of these	
(xvii) Show the correct option: Removal of dried an	d older leaves in sugarcane is called	
a) Mulching	b) Propping	
c) Detrashing	d) None of these	
(xviii) Show the correct option: Foremost supplier o	f medicinal plants in the world is	
a) India	b) China	
c) Australia	d) None of these	
(xix) Show the correct option: Botanical name of L		
a) Cymbopogon flexuosus	b) Cymbopogon martini	
c) Plantago ovata(xx) Select the centre of origin of Berseem	d) None of these	
	1) •	
a) S. Africa c) Asia minor	b) America d) None of these	
c) Asia minor	d) None of these	
Gro	up-B	
(Short Answer T	(vne Questions)	2.5 x
(Shore/wiswer)	ype Questions;	10=25
a Fundate who considered to the control of the	Loca -	
2. Explain the process of seeds and sowing of Chic	креа.	(2.5
3. Explain the water management of chickpea4. Explain the weeding operation of lentil.5. Explan the origin and distribution of lentil		(2.5 (2.5
		(2.5
6. Illustrate the sowing method and sowing time of field pea		(2.5
7. Illustrate the seed rate requirement and seed treatment of fieldpea crop		(2.5
8. Explain the soil and climatic requirements for Su		(2.5
9. Discuss about the composition and uses of diffe	rent mint species	(2.5
10. Explain the use of cotronella11. Determine 5 varieties of Citronella		(2.5
11. Determine 5 varieties of ortionena		(2.5

OR Determine 5 varieties of Lemon grass	(2.5)
Group-C (Long Answer Type Questions)	5 x 1=5
12. Explain the Post Harvest Technology of lemon grass OR	(5)
Explain the Post Harvest Technology of Citronella	(5)