

Test Booklet No. _____

This booklet consists of 100 questions and __ printed pages.

RGUCET/2025/27

Series

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RGUCET 2025
Common Entrance Test, 2025
MASTER OF SCIENCE IN HORTICULTURE

Full Marks: 100

Time: 2 Hours

Roll No.

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Day and Date of Examination: _____

Signature of Invigilator(s) _____

Signature of Candidate _____

General Instructions:

PLEASE READ ALL THE INSTRUCTIONS CAREFULLY BEFORE MAKING ANY ENTRY.

1. DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE TOLD TO DO SO.
2. Candidate must write his/her Roll Number on the space provided.
3. This Test Booklet contains 100 Multiple Choice Questions (MCQs) from the concerned subject. Each question carries 1 mark. There shall be negative marking of 0.25 against each wrong attempt.
4. Please check the Test Booklet to verify that the total pages and total number of questions contained in the test booklet are the same as those printed on the top of the first page. Also check whether the questions are in sequential order or not.
5. Candidates are not permitted to enter into the examination hall after the commencement of the entrance test or leave the examination hall before completion of Examination.
6. Making any identification mark in the OMR Answer Sheet or writing Roll Number anywhere other than the specified places will lead to disqualification of the candidate.
7. Candidates shall maintain silence inside and outside the examination hall. If candidates are found violating the instructions mentioned herein or announced in the examination hall, they will be summarily disqualified from the entrance test.
8. In case of any dispute, the decision of the Entrance Test Committee shall be final and binding.
9. The OMR Answer Sheet consists of two copies, the Original copy and the Student's copy

1	Choose the correct meaning of the following idiomatic expression from the options given: “Poles apart”				Answer
	a)Very distant	b) Separate	c) Different in views	d) Very Difficult	c
2	Choose the correct synonym of DEplete				Answer
	a) Decorate	b) Beg	c) Exhaust	d) Hurry	c
3	Cytology is the study of				Answer
	a) Cells	b) Tissue	c) Chloroplast	d) None of the above	a
4	What is the term for the arrangement of events or dates in the order of their occurrence?				Answer
	a)Chronicle	b)Chronometer	c)Chronograph	d)Chronology	d
5	What does the idiom “under the weather” mean?				Answer
	a) Feeling excited	b) Feeling ill or unwell	c)Feeling Happy	d)Feeling energetic	b
6	CPRI is situated at				Answer
	a) Chennai	b) Bangalore	c) New Delhi	d) Shimla	d
7	When is Farmer’s day celebrated in India?				Answer
	a) 5 th June	b) 21 st December	c) 23 rd December	d) 22 nd June	c
8	IIHR is situated at				Answer
	b) Chennai	b) Bangalore	c) New Delhi	d) Lucknow	b
9	Flavrsavr is a genetically modified variety of				Answer
	a) Brinjal	b) Okra	c) Tomato	d) Chilli	c
10	The largest reservoir of nitrogen is.....				Answer
	a)air	b)rocks	c)soil	d)water	a
11	Dr. M S Swaminathan received Bharat Ratna award in the year				Answer
	a)2024	b)2020	c)2025	d)2022	a
12	Geographical Indication (GI) tag is given as per the.....				Answer
	a)Indian Copyright	b)New Design	c)Patent Act,	d)Geographical	d

	Act, 1957	Act,2000	1970	Indications(Regn. And protection)Act, 1999	
13	PM YUVA 2.0 scheme is launched by which ministry?				Answer
	a)Ministry of Youth Affairs and Sports	b) Ministry of Home Affairs	c) Ministry of Womenand Child Development	d) Ministry of Education	d
14	Which year was recognized as “International Year of Millets”				Answer
	a) 2020	b) 2021	c) 2022	d) 2023	d
15	In the field experiment commonly used design is				Answer
	a) RBD	b) CRD	c) LSD	d) Slipt plot	a
16	The range of correlation coefficient lies between-				Answer
	a)-1 to +1	b) 0 to 1	c) 0 to 10	d) 0 to 100	a
17	When the fertility gradient of the field is in one direction, which design is appropriate-				Answer
	a)CRD	b) LSD	c) RBD	d) SPD	c
18	Which measure of central tendency is applied for calculation of regression and correlation coefficient?				Answer
	a) Arithmetic mean	b) Mode	c) Median	d) Geometric mean	a
19	The hypothesis of no difference is known as -				Answer
	a)Simple hypothesis	b)Null hypothesis	c)Composite hypothesis	d)Alternative hypothesis	b
20	The square of standard deviation is known as -----				Answer
	a)Variance	b)Standard deviation	c)Mean deviation	d)coefficient of variance	a
21	Apple belongs to the family of				Answer option (a,b,c or d)
	a) Anacardiaceae	b) Rutaceae	c) Sapindaceae	d) Rosaceae	(d)

22	Fruit type of fig is known as				Answer option (a,b,c or d)								
	a) Pepo	b) Capsule	c) Hesperidium	d) Hypanthodium	(d)								
23	Which State/UT has the highest share of production of apples in India				Answer option (a,b,c or d)								
	a) Jammu & Kashmir	b) Himachal Pradesh	c) Uttarakhand	d) Sikkim	(a)								
24	In the question given below, there are two statements labeled as Assertion (A) and Justification (J). Mark your answer as per the options provided below: Assertion : Strawberry belongs to the aggregate category of fruit type Justification : It develops from a single fruit let				Answer option (a,b,c or d)								
	a) Both A and J are true. J is the correct explanation of A. b) Both A and J are true but J is not the correct explanation of A. c) A is true but J is incorrect. d) Both A and J are incorrect.				(c)								
25	Match the following: <table border="1"><tr><td>A. Mango</td><td>I. Pome</td></tr><tr><td>B. Grape</td><td>II. Berry</td></tr><tr><td>C. Apple</td><td>III. Drupe</td></tr><tr><td>D. Citrus</td><td>IV. Hesperidium</td></tr></table>				A. Mango	I. Pome	B. Grape	II. Berry	C. Apple	III. Drupe	D. Citrus	IV. Hesperidium	Answer option (a,b,c or d)
A. Mango	I. Pome												
B. Grape	II. Berry												
C. Apple	III. Drupe												
D. Citrus	IV. Hesperidium												
	a) A-I, B-II, C-III, D-IV	b) A-I, B-IV, C-II, D-III	c) A-III, B-II, C-I, D-IV	d) A-II, B-I, C-III, D-IV	Answer (c)								
26	Choose the correct option A. Crop regulation is performed in guava B. Guava belongs to the family of Rutaceae C. Guava is a subtropical fruit crop D. Fruit type of guava is known as a syconus				Answer option (a,b,c or d)								
	a) Only A is true	b) Only B and C are true	c) Only A and B are true	d) A and D are false	Answer (a)								
27	Semi-dwarfing variety of mango “Mallika” is a cross between				Answer option (a,b,c or d)								
	a) Dashehari X Neelum	b) Totapuri X Neelum	c) Dashehari X Alphonso	d) Neelum X Dashehari	(d)								
28	Propping is done in				Answer option (a,b,c or d)								

	a) Strawberry	b) Banana	c) Mango	d) Almond	(b)
29	Choose the correct option A. Chandler is a variety of strawberry B. Chromosome number of strawberry is 56 C. Strawberry belongs to the Rosaceae family D. All the cultivated varieties of strawberry are octoploid				Answer option (a,b,c or d)
	a) A only is true	b) Only B is false	c) Both A & C is true	d) All are true	(d)
30	Edible part of the coconut is known as				Answer option (a,b,c or d)
	a) Epicarp	b) Endosperm	c) Aril	d) Pericarp	(b)
31	Highest productivity of banana is from				Answer option (a,b,c or d)
	a) Tamil Nadu	b) Andhra Pradesh	c) Maharashtra	d) Gujarat	(d)
32	Hen and chicken disorder is commonly found in				Answer option (a,b,c or d)
	a) Grape	b) Citrus	c) Mango	d) Apple	(a)
33	Native of papaya is				Answer option (a,b,c or d)
	a) Iran	b) Tropical America	c) UAE	d) Indonesia	(b)
34	Strawberries are propagated by				Answer option (a,b,c or d)
	a) T budding	b) Grafting	c) Seed	d) Stolon	(d)
35	Which variety of mandarin is most commonly cultivated in the North Indian region?				Answer option (a,b,c or d)
	a) Khasi	b) Kinnow	c) Coorg	d) King	(b)
36	Bromalin is present in which fruit crop				Answer option (a,b,c or d)
	a) Bael	b) Jackfruit	c) Pineapple	d) Karonda	Answer

					(c)
37	Centre of origin of kiwi fruit is				Answer option (a,b,c or d)
	a) New Zealand	b) China	c) USA	d) Italy	(b)
38	Tatura trellis system of training is followed in				Answer option (a,b,c or d)
	a) Pineapple	b) Peach	c) Cashewnut	d) Walnut	(b)
39fruit is known as “the fruit of gods”				Answer option (a,b,c or d)
	a) Persimmon	b) Kiwifruit	c) Apple	d) Citrus	(a)
40	“L-49” is the variety of				Answer option (a,b,c or d)
	a) Guava	b) Apple	c) Citrus	d) Banana	(a)
41	Choose the correct statement from the options A. All the papaya fruit plants are dioecious B. Papaya is a monocot plant C. Papaya is originated in India D. It belongs to the family of Anacardaceae				Answer option (a,b,c or d)
	a) Only A is true	b) All the statements are false	c) All the statements are true	d) only B & C are true	(b)
42	Self-unfruitfulness is observed in				Answer option (a,b,c or d)
	a) Apple	b) Pear	c) Only A	d) Both a & b	(d)
43	Aneuploid - 82 is a semi-dwarf rootstock of				Answer option (a,b,c or d)
	a) Papaya	b) Mango	c) Guava	d) Litchi	(c)
44	Fruit cracking in litchi is due to				Answer option (a,b,c or d)

	a) Moisture deficit	b) Boron deficiency	c) only A	d) Both a and b	(d)								
45	Fruit type of tomato is				Answer								
	a) Pepo	b) Berry	c) Drupe	d) Pome	b								
46	Economic part of cauliflower is				Answer								
	a) Head	b) Flower	c) Curd	d) Knob	c								
47 is an example of dioecious vegetable				Answer								
	a) Ivy gourd	b) Cucumber	c)Watermelon	d)Pumpkin	a								
48	Origin of cultivated brinjal is				Answer								
	a)Africa	b) China	c)Peru	d) India	d								
49	Crop which belongs to <i>Lunatus</i> species				Answer								
	a) Chive	b) Lima bean	c) Chicory	d) Coriander	b								
50	Chromosome number of potato is (2n=4x)				Answer								
	a)22	b)28	c)36	d)48	d								
51 is known as vegetable of 21 st century				Answer								
	a)Cluster bean	b) winged bean	c)Chekurmanis	d) Lima bean	c								
52	Select the correct answers of the matching pairs: <table border="1"><tr><td>A Lettuce</td><td>i Araceae</td></tr><tr><td>B Radish</td><td>ii Apiaceae</td></tr><tr><td>C Celery</td><td>iii Cruciferae</td></tr><tr><td>D Colocasia</td><td>iv Asteraceae</td></tr></table>				A Lettuce	i Araceae	B Radish	ii Apiaceae	C Celery	iii Cruciferae	D Colocasia	iv Asteraceae	Answer
A Lettuce	i Araceae												
B Radish	ii Apiaceae												
C Celery	iii Cruciferae												
D Colocasia	iv Asteraceae												
	a) ii, iii, iv, i	b) iii, iv, i, ii	c) iv, iii, ii, i	d) iv, i, ii, iii	c								
53 is called as stress hormone.				Answer								
	a) Auxin	b) Gibberellin	c)Cytokinin	d) ABA	d								
54	Leafy vegetables are usually rich source of.....				Answer								
	a)Iron	b)Protein	c) carbohydrate	d) Carotene	a								
55	In which of the following vegetable all parts are edible?				Answer								
	a) Broad bean	b) Carrot	c) Winged bean	d) Lima bean	c								

56	Carrot is a good source of				Answer								
	a)Vitamin-C	b) Vitamin-A	c) Protein	d) Riboflavin	b								
57	Golden Acre is a variety of				Answer								
	a)Cauliflower	b) Kale	c) Carrot	d) Cabbage	d								
58	Choose the correct statement of the following: A. Pant C1 is the variety of tomato B. Pant Bahar is a variety of okra C. Kufri Badshah is late blight resistant variety of potato D. Pusa Sawani is a variety of onion				Answer								
	a) a only	b) b only	c) c only	d) d only	c								
59	Find out the correct matching pairs from the following <table border="1"><tr><td>A. Heterostyly</td><td>i. brinjal</td></tr><tr><td>B. Cleistogamy</td><td>ii. self pollination</td></tr><tr><td>C. Diara cultivation</td><td>iii. cucurbits</td></tr><tr><td>D. Potato</td><td>iv. solanaceae</td></tr></table>				A. Heterostyly	i. brinjal	B. Cleistogamy	ii. self pollination	C. Diara cultivation	iii. cucurbits	D. Potato	iv. solanaceae	Answer
A. Heterostyly	i. brinjal												
B. Cleistogamy	ii. self pollination												
C. Diara cultivation	iii. cucurbits												
D. Potato	iv. solanaceae												
	a) i, ii, iii, iv	b) iii, iv, i, ii	c) iv, iii, ii, i	d) iv, i, ii, iii	a								
60	Red colour of tomato is due to				Answer								
	a) Lycopene	b) Carotene	c)bAnthocyanin	d) Quercetin	a								
61	Which of the following vegetable is day neutral?				Answer								
	a) Potato	b) Spinach	c)Sweet potato	d) Tomato	d								
62	Which vegetable crop is commercially used for processing in India?				Answer								
	a) Onion	b) Tomato	c) Potato	d) both b and c	b								
63	Find the correct matching pairs of crops and their chromosome number from the following : <table border="1"><tr><td>A. Potato</td><td>i. 20</td></tr><tr><td>B. Chilli</td><td>ii. 24</td></tr><tr><td>C. Turnip</td><td>iii. 18</td></tr><tr><td>D. Cauliflower</td><td>iv. 48</td></tr></table>				A. Potato	i. 20	B. Chilli	ii. 24	C. Turnip	iii. 18	D. Cauliflower	iv. 48	Answer
A. Potato	i. 20												
B. Chilli	ii. 24												
C. Turnip	iii. 18												
D. Cauliflower	iv. 48												
	a) iv, i, ii, iii	b) i, ii, iii, iv	c) iii, i, iv, ii	d) iv, ii, i, iii	d								
64	Which of the following is a stem vegetable?				Answer								
	a)Knolkhol	b)colocasia	c)Sweet potato	d)Amaranth	a								

65	Which of the following is a single seeded vegetable?				Answer
	a)Cucumber	b)Leek	c) Chow-chow	d) Radish	c
66	Cat face is a physiological disorder of				Answer
	a) Cauliflower	b) Tomato	c) Potato	d) Asparagus	b
67	Fruit type of okra is				Answer
	a) Berry	b) Capsule	c) Siliqua	d) pepo	b
68	The growth regulator responsible for shoot elongation is				Answer
	a)IAA	b) 2,4-D	c) BAP	d)GA ₃	d
69	Auxanometer is used to measure				Answer
	a)TSS	b)Growth of the plant	c) Acidity	d) Transpiration	b
70	Which of the following is a man made vegetable?				Answer
	a)Clusterbean	b) Artichoke	c)Rutabaga	d) Winged bean	c
71	Cauliflower belongs to the family				Answer
	a)Cruciferae	b)Solanaceae	c) Cucurbitaceae	d)Poaceae	a
72	<i>Brassica oleraceae</i> var <i>acephala</i> is the botanical name of				Answer
	a)Cabbage	b) Kale	c) Broccoli	d)Knolkhol	b
73	The varieties prefixed with Arka are released from				Answer
	a)IIHR	b) IARI	c) CPRI	d)IVRI	a
74	Origin of tomato is from				Answer
	a)India	b) South Africa	c) Peru Equador	d) Chile	c
75	Delphinidin a plant pigment is responsible for development of colour				Answer
	a) Blue	b) Red	c) Yellow	d) Orange	a
76	Poinsette is a popular variety of				Answer
	a) watermelon	b) Potato	c) Tomato	d) Cucumber	d

77	Sweet potato belongs to the family				Answer
	a)Myrtaceae	b) Aizoaceae	c)Convolvulaceae	d)Euphorbiaceae	c
78	Which cucurbit is having the highest Vitamin-A content from the following?				Answer
	a)Bitter gourd	b) Pumpkin	c) Cucumber	d) Potato	b
79	Select the correct answers for matching pairs:				Answer
	A. Brinjal		i fruit cracking		
	B. Tomato		ii fruit and Shoot borer		
	C. Okra		iii fruit rot		
	D. Chilli		iv Yellow vein mosaic		
	a) ii, i, iv, iii	b) iii, ii, iv, i	c) iii, iv, ii, i	d) i, iii, iv, ii	a
80	In cryopreservation, seeds are preserved in liquid nitrogen at.....°C				Answer
	a)-80	b) -196	c) 80	d) 0	b
81	Use of rootstock is common in				Answer
	a) Cole crops	b) Cucurbits	c) Tuber crops	d) Leafy vegetables	b
82	Broccoli belongs to the family				Answer
	a) Cruciferae	b) Asteraceae	c) Malvaceae	d) Fabaceae	a
83	Which of the following vegetable is modified root?				Answer
	a) Potato	b) Onion	c) Radish	d) Garlic	c
84	Find out the correct botanical names from the following matching pairs:				Answer
	A. Bitter gourd		i. <i>Momordica charantia</i>		
	B. Onion		ii. <i>Allium cepa</i>		
	C. Tomato		iii. <i>Solanum lycopersicon</i>		
	D. Cassava		iv. <i>Manihot esculenta</i>		
	a) iv, iii, ii, i	b) i, ii, iii, iv	c) iii, i, iv, ii	d) ii, iii, i, iv	b
85	Which crop is affected by the physiological disorder known as 'Bull Head'?				Answer
	(a) Rose	(b) Gerbera	(c) Tuberose	(d)	a

				Anthurium	
86	The famous hanging garden is situated at				Answer
	a) Pune	(b) Delhi	(c) Kanyakumari	(d) Mumbai	d
87	The family of carnation is				Answer
	(a) Caryophyllaceae	(b) Iridaceae	(c) Pinaceae	(d) Compositae	a
88	The Central Coffee Research Institute is located at				Answer
	(a) Puttur (Karnataka)	(b) Eluru (Andhra Pradesh)	(c) Pune (Maharashtra)	(d) Chikmagalur (Karnataka)	d
89	Which one of the following is a short day plant				Answer
	(a) Carnation	(b) Alstroemeria	(c) Chrysanthemum	(d) Lilium	c
90	Which of the following spice is known as the 'King of spices'?				Answer
	(a) <i>Syzygium aromaticum</i>	(b) <i>Cinnamomum verum</i>	(c) <i>Myristica fragrans</i>	(d) <i>Piper nigrum</i>	d
91	In which medicinal plant is mucilage present?				Answer
	a) Isabgol	(b) Davana	(c) Cassia	(d) Ambrette seed	a
92	Shivalik is the variety of				Answer
	(a) Isabgol	(b) Datura	(c) Ocimum	(d) Mentha	d
93	Which is the leading flower seed producing state in India?				Answer
	(a) Uttar Pradesh	(b) Punjab	(c) Himachal Pradesh	(d) Arunachal Pradesh	b
94	Which crop is significantly affected by Witches' broom disease /disorder?				Answer
	(a) Coffee	(b) Cocoa	(c) Tea	(d) Betel vine	b
95	The term 'Bareja System' is associated with				Answer
	(a) Nutmeg	(b) All spice	(c) Betel vine	(d) Black Pepper	c
96	What is the common name for the 'God of Sleep'?				Answer
	(a) Isabgol	(b) Sarpagandha	(c) Vitever	(d) Opium	d
97	Which flower variety is known as 'Chrysanthemum charm'?				Answer

	(a) Chrysanthemum	(b) Marigold	(c) Gladiolus	(d) Gerbera	b
98	Botanical name of Amaltas is				Answer
	(a) <i>Delonix regia</i>	(b) <i>Cassia fistula</i>	(c) <i>Butea monosperma</i>	(d) <i>Anthurium spp</i>	b
99	The Rashtrapati Bhawan garden in New Delhi was laid out by				Answer
	(a) Sir Edwin Lutyens	(b) Lord Curzon	(c) Shah Jahan	(d) Lady Hardinge	a
100	Which of the following is the oldest board?				Answer
	(a) Coconut Board	(b) Tea Board	(c) Rubber Board	(d) Coffee Board	b