

ಅಂತಿಮ ಪರೀಕ್ಷೆ Final Examination QP set code- A



ತೋ.ವಿ.ವಿ.ಬಾ.

N	A	M	E	O	F	T	H	E	S	T	U	D	E	N	T
U	H	S	2	4	U	G									

College code 0

Time: 10:30 -11:00 (30 mins.)

Total Marks: 20

Part – A Question paper (2 pages)

HRT-112(1+2).

- ✓ Write the Correct Part-A Question paper Set Code in OMR sheet.
- ✓ Please return Part-A QP after 30 min of start of examination to the invigilator and Collect while leaving the exam hall.

Q.I. Select the most correct answer A/B/C/D for the following questions.

15x 0.5 mark = 7.5 Marks

1. In which of the following variety of mango, polyembryony can be observed?
 - a. Dashaheri b. chausa c. **Vellaikulumban** d. Amrapali
2. is a structure erected primarily to create shade to raise tender plants and to protect the plants from high temperature and light intensity.
 - a. Cold frame b. **lath house** c. Hot bed d. Polyhouse
3. From which of the following, leaf cutting can be taken?
 - a. **Bryophyllum** b. Guava c. Apple d. Mango
4. ---- is a parthenocarpic fruit
 - a. Apricot b. **Banana** c. Mango d. Guava
5. In which of the following crops, sword sucker is selected as propagating material?
 - a. Grape b. Strawberry c. **Banana** d. Apple
6. Recurrent apomixis can be seen in which of the following fruit crop?
 - a. **Apple** b. Lilium c. Solanum nigrum d. Dioscorea
7. Deep red coloured 'starking' and 'Richa red' are the examples of.....?
 - a. Sectorial chimera b. Periclinal chimera c. Mericlinal d. **Budsport**
8. Seeds which show very drastic loss in viability with a decrease in moisture content below 12-13% are known as
 - a. Recalcitrant seeds b. orthodox seeds c. germinated seed d. viable seed
- 9..... method of grafting is adopted when a bark of the trunk is injured?
 - a. Veneer b. Side c. Softwood d. **Bridge**
10. In which of the following chimera, a growing shoot is composed of two genetically different tissues situated side by side occupying distinct sectors of the stem?
 - a. Budsport b. Periclinal c. Mericlinal d. **Sectorial**
- 11..... is a sexual method of propagation?
 - a. Budding b. grafting c. **Seed** d. Layering
12. Onion is an example of as specialized method of grafting?
 - a. Corm b. **Bulb** c. Stolon d. Tuber
13. When embryo is not fully developed at time of seed dissemination, it will lead to type of dormancy?
 - a. Physiological b. chemical c. physical d. **Morphological**
14. One year old and mature shoot is selected in which type of cutting?
 - a. **Hard wood** b. semi hard wood c. Soft wood d. Herbaceous
15. Turmeric is an example of..... specialized organ?
 - a. Sucker b. Tuber c. Corm d. **Rhizome**

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Q.II. Mention TRUE (T /FLASE /F) for the following statements in OMR sheet

15x 0.5 mark = 7.5 Marks

TRUE	16	Meiosis division takes in sexual method of propagation.
TRUE	17	During stratification, seeds are exposed to abundant moisture, ample oxygen and a relatively cool temperature.
FALSE	18	Monoembryony is a condition where many seedlings raise from a seed.
TRUE	19	Green house is a structure constructed of cladding material like plastic, polythene and fibreglass material having temperature and ample light availability needed for propagation.
TRUE	20	All Plant hormones are Plant growth regulators.
FALSE	21	Serpentine layering also known as Chinese layering, pot layering, marcottage or gootee.
FALSE	22	Potato is an example of off shoot as a specialized organ.
FALSE	23	Callus culture is taken in grafting method.
TRUE	24	Micropropagation is a rapid method of multiplication of a plant clonally in an artificial medium under aseptic condition.
TRUE	25	Application of GA @ 100ppm induces seed lessness or parthenocarpy in grapes.
FALSE	26	Grafting between two species of the same genus is inter generic grafting. False
TRUE	27	'T' or inverted shape incision is made on rootstock is known as shield budding.
FALSE	28	Exposing seeds to low temperature is known as scarification.
TRUE	29	Strawberry can be propagated through runner.
TRUE	30	Bryophyllum is an example of leaf cutting.

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Q.III. Match column A with column B for correct answer.

10 x 0.5 mark = 05 Marks

Q.No	Column A		Column B	answers
31	Polyembryony	A	Citrus	I
32	Orthodox seed	B	<i>Allium sativum</i>	H
33	Semi-hard wood cutting	C	Veneer grafting	G
34	Elephant foot yam	D	Sapota	J
35	Vegetative apomixis	E	Flowering	B
36	Nucellar embryony	F	Micropropagation	A
37	Ethylene	G	4-9 months old	E
38	Detached method of grafting	H	Carrot	C
39	Khirni	I	Olour	D
40	<i>In vitro</i>	J	Corm	F

END OF PART – A QUESTION PAPER 22nd March 2025

Student's Signature..... Invigilator's signature.....