

Name: Harish A.

Time: 2 Hour

ID.No.

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Marks: 50

Date:

ICHOOSE OR TICK CORRECT ANSWERS FOR THE FOLLOWING

10 Marks

1. Edible part of Asparagus is,
 - a) Root
 - b) Fruit
 - c) Flower
 - d) Tender Shoots
2. Lesser Yam botanically known as
 - a) *Dioscorea alata*
 - b) *D. esculenta*
 - c) *D. rotundata*
 - d) *D. floribunda*
3. Globe artichoke is commercially propagated by,
 - a) Suckers
 - b) Root cuttings
 - c) Seeds
 - d) All the above
4. Rhubarb is grown for its,
 - a) Thick leaf stalk
 - b) Tuber
 - c) Tender stems
 - d) None
5. Sree Sahaya is an improved variety of,
 - a) Greater Yam
 - b) tapioca
 - c) Lesser Yam
 - d) Elephant Yam
6. Which of the Lettuce has tight head,
 - a) Crisp head
 - b) Cos
 - c) Butter head
 - d) Latin
7. Internal browning in Beet root is due mainly to,
 - a) B
 - b) Ca
 - c) Both
 - d) None
8. Central Tuber Crop Research Institute located in,
 - a) Tiruvanthapuram
 - b) Tamilnadu
 - c) Kasargod
 - d) Karnataka
9. Asparagus is Herbaceous.....in nature
 - a) Annual dioecious
 - b) Perennial dioecious
 - c) Annual monoecious
 - d) Perennial monoecious
10. Tip burn in lettuce caused by
 - a) Ca deficiency
 - b) B deficiency
 - c) High deficiency
 - d) All of the above
11. First cutting of Palak and Spinach is done at,
 - a) 4-5 weeks
 - b) 6-8 weeks
 - c) 7-8 weeks
 - d) 10-12 weeks
12. Rhubarb is commercially propagated by,
 - a) Stem cutting
 - b) Seeds
 - c) Division of crown
 - d) All the above
13. Broccoli is a
 - a) Cole crop
 - b) Root crop
 - c) Fruit crop
 - d) Legume crop
14. Blanching is commonly practiced in
 - a) Cabbage
 - b) Cauliflower
 - c) Chinese cabbage
 - d) Broccoli
15. Maturity in peas measured by
 - a) Photometer
 - b) Lysimeter
 - c) Tendrometer
 - d) None
16. In Globe Artichoke edible part is
 - a) Leaves
 - b) Stems
 - c) Flower bud
 - d) Roots
17. Pusa Chandrima and Pusa Swarnima are the popular varieties of,
 - a) Carrot
 - b) Radish
 - c) Turnip
 - d) Beet root
18. Expand CTCRI _____
19. Cavity spot in Carrot is due to,
 - a) Delayed harvesting
 - b) Ca deficiency
 - c) Boron deficiency
 - d) A and B
20. The economic part of Broccoli is called as
 - a) Curd
 - b) Head
 - c) Knob
 - d) All of these
21. 'Favism' is due to allergy caused by pollen grains & green pods of
 - a) Filled pea
 - b) Garden pea
 - c) Faba bean (Broad Bean)
 - d) Lima bean
22. The quantity of seed required per ha in Turnip is
 - a) 8-10 kg
 - b) 3-4 kg
 - c) 1-2 kg
 - d) 6-8 kg
23. Kanji is the beverage prepared from
 - a) Radish
 - b) Beet root
 - c) Carrot
 - d) Turnip
24. 'Saharshamukhi' is a variety of
 - a) Cassava
 - b) Taro
 - c) Yam
 - d) Tania

26. Which of following originated to India (i) Pea (ii) French bean (iii) Cow-pea (iv) Cluster bean
27. _____ is yellow coloured variety of Onion. (i) Hisar-II (ii) Arka kalian (iii) Punjab-48 (iv) Early Grano
28. 'Pusa kanchan' is variety of (i) Tapioca (ii) Colocasia (iii) Turnip (iv) Onion
29. Type of inflorescence (i) Raceme (ii) Cyme (iii) Spike (iv) Spadix
30. _____ is 1st tropical variety of cabbage developed for cultivation under high temperature conditions at IARI, New Delhi.
(i) Pusa Sambandh (ii) Pusa Mukta (iii) Pusa Drum Head (iv) Pusa Ageti
31. _____ is leading supplier of chilli dudng off-sea-oll. (i) A.P. (ii) Maharashtra (iii) M.P. (iv) H.P.
32. The highest/maximum productivity of potato is in (i) U.P. (ii) Bihar (iii) Punjab (iv) W.B.
33. rank 1st ----- in total vegetable production in India. (i) U.P. (iii) Maharashtra (ii) Bihar (iv) W.B.
34. rank 1st In both area and production of Coriander in India. (i) Gujarat (iii) M. P. (ii) U.P. (iv) Rajasthan
35. Seeds of fenugreek contain (i) Eugenol (ii) Cheratin (iii) Trigonelin (iv) Diosgenin
36. Spinach belongs to family (i) Compositae (ii) Spindaceae (iii) Umbeliferae (iv) Chenopodiaceae
37. All India Co-ordinated Potato Improvement Project started in (i) 1960 (ii) 1982 (iii) 1975 (iv) 1971
38. Jade cross is a F1 hybrid of (i) Brussels sprout (iii) Knol-khol (ii) Spouting broccoli (iv) Cabbage
39. The variety which is resistant to black leg disease (i) Pusa Mukta (ii) Golden Acre (iii) Pusa Drum head (iv) Pusa sambandh
40. The economical part in brocolli is termed as (i) Curd (ii) Flowr bud (iii) Flower stalk (iv) Head
41. The vegetable having 70% exchange earnings in export of fresh vegetables is (i) Onion (ii) Okra (iii) Cucumber (iv) Tomato
42. The long day type variety of onion is (i) Early Grano (ii) Pusa white flat] (iii) Brown spanish (iv) Arka pilamber
43. variety of Tomato is resistant to Bacterial wilt (i) Arka saurabh (ii) Arka Alok (iii) Pusa Uphar (iv) Pusa-120
44. Akashin a disorder in Radish is due to deficiency of (i) Manganese (iii) Magnesium (ii) Boron (iv) Calcium
45. The single seeded cucurbit is (i) L. acutangula (iii) C. moschata (ii) L. cylindrical (iv) S. edule
46. The variety suitable for both cold and hot sector in Tomato is (i) Pusa sheetal (iii) Pusa Hybrid-I (i i) Pusa sadabahar (iv) Arka sambandh
47. Yellow anther type in case of chilli is (i) Bhagylakshmi (ii) Jwalamukhi (iii) Andhra Jyoti (iv) Bhaskar
48. Resistant variety for nematode (i) Kufri swarna (ii) Kufri Sutlej (iii) Kufri Giriraj (iv) Kufri Asoka
49. The mechanism of protogyny is observed in (i) Onion (ii) Cabbage (iii) Carrot (iv) Radish
50. The chilli hybrid CH-I is bred by using the mechanism of (i) Self-incompatibility (ii) GMS (iii) CGMS (iv) Exerted stigma.
51. The optimum temperature for seed germination in case of pea is (i) 5°C (iii) 20°C (ii) 10°C (iv) 22°C
52. Florida Butter is an important variety of (i) Broad bean (ii) Lima bean (iii) Indian bean (iv) Winged bean
53. The F1 hybrid in case of Muskmelon is (i) Pusa Madhuras (ii) Pusa rasraj (iii) Arka rajhans (iv) Arka jeet
54. VK-1/Priya is a cultivar of (i) Snake gourd (ii) Bitter gourd (iii) Ridge gourd (iv) None
55. the ETL of Aphid population in potato (i) 20/ 100 leaves (iii) 10/1 00 leave' (iii) 30/1 00 leaves (iv) 40/1 00 leaves
56. Propagation of curry leaves is done by (i) Suckers (ii) Seed (iii) Both (i) and (ii) (iv) Stem cutting
(i) 120 cm. (ii) 80 cm. (iii) 180 cm. (iv) 160 cm.
57. _____ is known as goa bean (i) Hyeinth bean (ii) French bean (iii) Winged bean (iv) Dolichus bean
58. Adhunik and Panchali are the varieties of (i) Chilli (ii) Okra (iii) Greater yam (iv) Bitter gourd
59. 'Pusa Pal'vati' is a variety of French bean developed through (i) Clonal selection (ii) Mass selection (iii) Mutation breeding (iv) None

1. The vegetables recommended for river bed vegetables cultivation are :

- a) Watermelon & drumstick
- b) Muskmelon & curry leaf
- c) Chow Chow & pumpkin
- d) Watermelon & muskmelon

2. The objective of growing fruit & vegetable in home garden (nutrition garden) is :

- a) To market in local market
- b) To market in distance market
- c) For home consumption
- d) All the above

3. Which of the following is cucurbitaceous vegetable

- a) Sponge gourd & snake gourd
- b) Cucumber & pumpkin
- c) Bottle gourd & watermelon
- d) All the above

4. The growth regulator which can induce femaleness in cucurbits is :

- a) ABA
- b) MH
- c) Auxins
- d) All the above

5. The fertilizer (N, P₂O₅ & K₂O) requirement of irrigated potato is :

- a) 300-250-300 kg /ha
- b) 125-100-125 kg /ha
- c) 150-150-150 kg /ha
- d) 200-150-200 kg /ha

6. Onion can be commercially cultivated in :

- a) Jungle soil
- b) Black soil
- c) Laterite soil
- d) All the above

7. Leafy vegetables are rich in

- a) Copper
- b) Zinc
- c) Iron
- d) Boron

8. The sweet potato belong to the family,

- a) Solanaceae
- b) Asteraceae
- c) Convolvulaceae
- d) Malvaceae

9. *Momordica charantia* is the botanical name of

- a) Ridge gourd
- b) Bitter gourd
- c) Bottle gourd
- d) Snake gourd

10. Browning in cauliflower is due to the deficiency of

- a) Cu
- b) Ca
- c) Mo
- d) Bo

11. A common disorder noticed in Beetroot is

- a) Browning
- b) Buttoning
- c) Yellowing
- d) Zoning

12. An important disease noticed in water melon is

- a) Rust
- b) Bud necrosis
- c) Blight
- d) Blast

13. *Helicoverpa armigera* is a pest of

- a) French beans
- b) Watermelon
- c) Cabbage
- d) Tomato

14. Transmission of ...

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15. Which of the following is cucurbitaceous vegetable

- a) Sponge gourd & snake gourd
- b) Cucumber & pumpkin
- c) Bottle gourd & watermelon
- d) All the above

16. Whip tail of cauliflower is caused by the deficiency of

- a) Boron
- b) Calcium
- c) Molybdenum
- d) Iron

17. The tomato crop is

- a) Short day
- b) Long day
- c) Day neutral
- d) Photo sensitive

II. FILL IN THE BLANKS

1. Digestible protein content pea is%
2. Sowing time for sprouting broccoli in plainsmonths.
3. All green and Pusa Harit are the popular varieties ofLeafy crop
4. Dormancy of yam can be broken by quick dipping of tubers in _____
5. "Sago" is a the product prepared from _____
6. Acridness in the wild type of Elephant foot yam is due to _____
7. In Asparagus higher yield of spears is produced in _____ plants
8. In carrot and Beetroot yellow root colour is due to presence ofand.....respectively.
9. *Beta vulgaris*(Beet root) belongs to family.....
- 10.....is an illness is caused by the allergy of pollen and green pod of Broad bean

Marks

III. Match the following A with B

Marks

A

1. Detroit Dark Red Variety
2. Pusa Sumeet
3. Sprout inhibitor
4. Pusa megali
5. Asparagus
6. Lettuce
7. Rhubarb
8. Spinch Beet
9. Anticancer Property in Broccoli
10. Arka Anupam

B

- Tip Burn
- Spinach beet (IIHR)Palak
- Sulphorphane
- Spears
- Pusa Palak
- Leaf Petiole
- Carrot
- Maleic Hydrazide
- Beet root
- Broad been

(i) Palak	(a) Panicle	(i) Pusa Jyoti	a) Muskmelon
(ii) Amaranthus	(b) Spadix	(ii) Pusa Sarbati	(b) Mango
(iii) Drumstick	(c) Raceme	(iii) Arka Jyoti	(c) Watermelon
(iv) Carrot	(d) Spike	(iv) Pusa Surya	(d) Brinjal
(v) E. phoat yam	(e) Compound Umbd	(v) Surya	(e) Spinach beel

1. Horse radish (a) Runner cutting
2. Black pepper (b) Tuber
3. Cassava (c) Root cuttings
4. Potato (d) Stem cuttings
5. Chekurmanis (e) Rhizomes

1. Pusa supriya (a) Pumkin
2. Pusa Chikni (b) Cucumber
3. Arka Chandan (c) Summer squash
4. Pusa Alankar (d) Spongegourd
5. Pusa Sanyog (e) Ridge gourd

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P.T.O

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