

English

1. Pusa Sawani is ----- variety released from IARI , New Delhi

- (A) Chilli
- (B) Okra
- (C) Drumsticks
- (D) Cluster Bean

Correct Option(s): B

English

2. Arka Muthu is----- dwarf variety of ice box type

- (A) Pumpkin
- (B) Potato
- (C) Snake Gourd
- (D) Watermelon

Correct Option(s): D

English

3. The term fertigation refers to -----

- (A) Application of fertilizer through drips
- (B) Application of urea to the field
- (C) Direct foliar spray of fertilizers
- (D) Application of fertilizer through drones

Correct Option(s): A

English

4. YVMV disease is transmitted ----- in okra

- (A) Aphids
- (B) White fly
- (C) Spider mite
- (D) Thrips

Correct Option(s): B

English

5. Cluster Beans containing mucilaginous substance called

- (A) Polysacchride
- (B) Ferulic Acid
- (C) Glyco protein
- (D) Mannogalacton

Correct Option(s): D

English

6. Which is the vegetables having richest sources of protein

- (A) Cucumber
- (B) Ridge gourd
- (C) Pea
- (D) Amaranth

Correct Option(s): C

English

7. Bitter taste in cucumber is due to -----

- (A) Capsaicin
- (B) Capsanthin
- (C) Cucurbitacin
- (D) Capsorubin

Correct Option(s): C

English

8. Pungency in chilli is due to -----

- (A) Chlorophyll
- (B) Xanthophyll
- (C) Sinigrin
- (D) Capsaicin

Correct Option(s): D

English

9. ICAR-Directorate of Onion & Garlic Research (DOGR), institute is located at-----

- (A) Pune- Rajgurunagar
- (B) Nasik-Rajajinagar
- (C) Amaravathi-Kalyannagaar
- (D) Aurangabad-Krushinagar

Correct Option(s): A

English

10. Name the single seed cucurbitaceous crop

- (A) Coccinia
- (B) Summer Squash
- (C) Tinda
- (D) Sechium edule

Correct Option(s): D

English

11. Excessive use of cole crops resulted in -----

- (A) Heart problem
- (B) Stomach problem
- (C) Kidney problem
- (D) Thyroid problem

Correct Option(s): D

English

12. India is the largest producer of -----in the world

- (A) Potato
- (B) Tomato
- (C) Chilli
- (D) Okra

Correct Option(s): D

English

13. Per capita availability of vegetables ----- g/person /day during 2017-18

- (A) 264
- (B) 394
- (C) 300
- (D) 370

Correct Option(s): B

English

14. In which state is the leading in area, production and productivity of Tapioca

- (A) Tamil Nadu
- (B) Kerala
- (C) Andhra Pradesh
- (D) Karnataka

Correct Option(s): A

English

15. Arka Abhed : A tomato hybrid resistance to -----

- (A) Three diseases
- (B) Single disease
- (C) Four diseases
- (D) Five diseases

Correct Option(s): C

English

16. Arka Nikita : Okra F1 hybrid developed through ----- system

- (A) CMS
- (B) CGMS
- (C) GMS
- (D) Hand emasculation followed by pollination.

Correct Option(s): C

English

17. _____ is the Synthetic variety of Onion

- (A) Pusa Sona
- (B) Arka Sona
- (C) Arka Bheem
- (D) Bhima Sakthi

Correct Option(s): C

English

18. Salinity tolerant vegetables are -----

- (A) Beet-Turnip-Kale
- (B) Tomato-Broccoli-Chilli
- (C) Potato-Sweet Potato-Sweet Pepper
- (D) Carrot-Onion-Cabbage

Correct Option(s): A

English

19. Development of fruit without fertilization is called -----

- (A) Parthenogenesis
- (B) Polyembryony
- (C) Parthenocarpy
- (D) Polyploidy

Correct Option(s): C

English

20. Emergence of seed stalk prior to their formation is called -----

- (A) Bolting
- (B) Blanching
- (C) Blindness
- (D) Apomixis

Correct Option(s): A

English

21. -----is the first transgenic tomato variety developed by calgene company

- (A) Flavr Sugar
- (B) Flavr Sour
- (C) Flavr Savr
- (D) Flavr Shelf life

Correct Option(s): C

English

22. Transgenic potato variety resistance to Colorado beetle by Monsanto 2010

- (A) Endless Summer
- (B) Maximize
- (C) Freedom-II
- (D) Elizabeth

Correct Option(s): D

English

23. ----- is the first molecular markers in 1980.

- (A) RAPD
- (B) RFLP
- (C) SSR
- (D) SNP

Correct Option(s): B

English

24. In cucurbits : High temperature induces -----

- (A) More Female flowers
- (B) More male flowers
- (C) Less Male flowers
- (D) Less Female flowers

Correct Option(s): B

English

25. Blssom end rot (BER) of tomato fruit is due to -----

- (A) Bo- deficiency
- (B) Ca- deficiency
- (C) Mn - deficiency
- (D) iron deficiency

Correct Option(s): B

English

26. Interspecific grafting is popular in -----

- (A) Tomato
- (B) Potato
- (C) Brinjal
- (D) Chilli

Correct Option(s): C

English

27. -----became India's first 100% organic state in 2016

- (A) Meghalaya
- (B) Mizoram
- (C) Sikkim
- (D) Kerala

Correct Option(s): C

English

28. Protection of plant varieties and farmers right authority (PPV&FRA) , HQ located ----

- (A) Newyark
- (B) New Delhi
- (C) Netherland
- (D) Japan

Correct Option(s): B

English

29. Who is the present the secretary DARE & DG ICAR

- (A) Dr. M.S. Swaminathan.
- (B) Dr. T. Mohapatra
- (C) Dr. S.Iyappan
- (D) Dr. Himanshu Patak

Correct Option(s): D

English

30. "Jaivik Kethi " is portal available for marketing of -----in India.

- (A) Organic Products
- (B) In organic Products
- (C) Transgenic Products
- (D) Natural Products

Correct Option(s): A

English

31. Tomato is a major crop and African marigold used a trap crop to control-----

- (A) Fruit borer
- (B) Fruit fly
- (C) Tuta
- (D) Whitefly

Correct Option(s): A

English

32. Yellow sticky traps attract -----,-----insect by colour

- (A) White flies and aphids
- (B) Red pumpkin beetle and mealy bug
- (C) Fruit fly and Fruit borer
- (D) Mites and termites

Correct Option(s): A

English

33. CMS and CGMS system were commercially exploited for hybrid seed production in ----- crop.

- (A) Okra
- (B) Brinjal
- (C) Tomato
- (D) Chilli.

Correct Option(s): C

English

34. MDU-1 okra was developed through -----breeding system.

- (A) Mutation
- (B) Heterosis
- (C) Polyploidy
- (D) Selection

Correct Option(s): A

English

35. Tomato spotted wilt virus disease is transmitted by -----

- (A) Thrips
- (B) Aphids
- (C) Whitefly
- (D) Mites

Correct Option(s): A

English

36. Progenitor of tomato is-----

- (A) *Lycopersicon esculentum* var. *cerasiformae*
- (B) *Lycopersicon esculentum* var. *pyriformae*
- (C) *Lycopersicon esculentum* var. *commune*
- (D) *Lycopersicon esculentum* var. *grandifolium*

Correct Option(s): A

English

37. TYLCV resistant Ty-2 gene is present on -----

- (A) 11th chromosome
- (B) 6th chromosome
- (C) 3rd chromosome
- (D) 2nd chromosome

Correct Option(s): A

English

38. Geneic male sterility in okra is governed by -----

- (A) Duplicate gene
- (B) Single dominant gene
- (C) Single recessive gene
- (D) Two Complementary gene

Correct Option(s): C

English

39. Which is the following vegetable is Indian origin -----

- (A) Tomato
- (B) Watermelon
- (C) Okra
- (D) Brinjal

Correct Option(s): D

English

40. Pepper pungency is measured in-----

- (A) Scoville Heat Units
- (B) Scoville Head Units
- (C) Hand Referactometer
- (D) Scoville Pressure Units

Correct Option(s): A

English

41. Highly pungent commercially grown red pepper is -----

- (A) Ancho
- (B) Mulato
- (C) Cayenne
- (D) Yellow wax

Correct Option(s): C

English

42. Potato contains ----- % high value protein

- (A) 3
- (B) 5
- (C) 2
- (D) >20

Correct Option(s): C

English

43. Brussels Sprout edible part is called -----

- (A) Buttons
- (B) Curd
- (C) Head
- (D) Flower bud

Correct Option(s): A

English

44. Cole crops are -----and ----- in nature

- (A) Highly homozygous and Homogenous
- (B) Highly heterozygous and Homogenous
- (C) Highly heterozygous and heterogeneous
- (D) Highly heterozygous and medium Homogenous

Correct Option(s): C

English

45. In cabbage , for production of nuclear /breeder seed which method is most followed

- (A) Seed to seed
- (B) Seed to Head
- (C) Head to seed
- (D) Head to head

Correct Option(s): C

English

46. ----- is a compound associated with reducing the risk of cancer in Sprouting broccoli .

- (A) Sulphoraphane
- (B) Vitamin-c
- (C) Sinigrin
- (D) Polyphenol

Correct Option(s): A

English

47. -----is the popular variety of Knol khol from IARI.

- (A) Pusa Virat
- (B) Pusa Kanti
- (C) Pusa Shubhra
- (D) Pusa Karthik

Correct Option(s): A

English

48. ----- is the primitive sex from in cucurbits.

- (A) Monoecious
- (B) Androecious
- (C) Hermaphrodite
- (D) Gynoecious

Correct Option(s): C

English

49. How to induce more female flowers in the cucumber

- (A) By spraying Ethrel
- (B) By spraying AgNO_3
- (C) By spraying cow urine
- (D) By spraying boric acid

Correct Option(s): A

English

50. ----- is the largest genus among the cucurbits .

- (A) Citrullus
- (B) Cucurbita
- (C) Trichosanthes
- (D) Cucumis

Correct Option(s): C