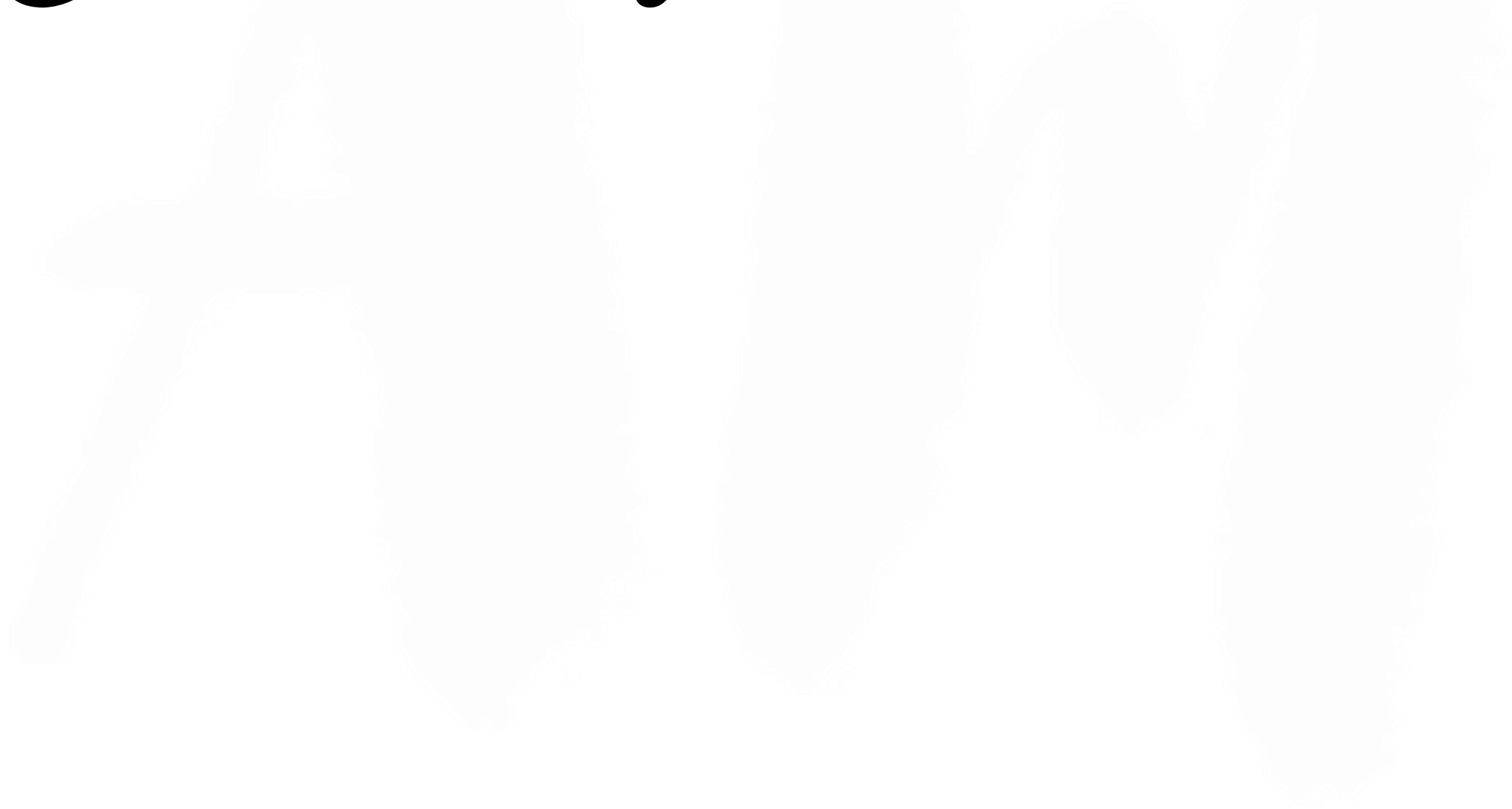


Agri Study with VNS



Q1. Disintegration of arils in matured pomegranates where disorder cannot be identified externally and the arils become soft, light creamy brown to dark Blackish Brown and unfit for consumption ?

- A. Spongy Tissue
- B. Internal Breakdown
- C. Fruit Cracking
- D. Fruit Rot
- E. Granulation

Answer – Internal Breakdown

Q2. Piercing and Sucking Type of mouth parts are found in

- A. Isoptera
- B. Lepidoptera
- C. Hemiptera
- D. Orthoptera
- E. Coleoptera

Answer - Hemipter

Q3. The process of breaking large molecules of fat globules into uniform small size is called ?

- A. Pasteurization
- B. Sterilization
- C. Homogenization
- D. Standardization

Answer - Homogenization

Q4. Mandi is which type of market ?

- A. Fairs
- B. Primary market
- C. Secondary market
- D. Terminal market

Answer – Primary Market

Q5. *Oryza sativa* is a scientific name of ?

- A. Wheat
- B. Maize
- C. Groundnut
- D. Paddy

Answer - Paddy

Q6. European Honey Bee also called as ?

- A. *Apis dorsata*
- B. *Apis mellifera*
- C. *Apis spp*
- D. *Apis cerena indica*

Answer – *Apis mellifera* (Little or European Bee)

Q7. The first discovery of _____ Mosaic in 1886 by Mayer in which crop ?

- A. Cucumber
- B. Tobacco
- C. Tomato
- D. Chilli
- E. Okra

Answer - Tobacco

Q8. Which of the following protein present in Silkworm ?

- A. Sericin
- B. Collagen
- C. Keratin
- D. Myogenic

Answer - Sericin

Q9. Removal of off type plants developing unproductive characters or plant of other variety from field is called ?

- A. Rouging
- B. Stripping

Answer - Rouging

Q10. Arrange the following in decending order of their water holding capacity ?

- A. Clay > Sand > Silt
- B. Sand < Silt < Clay
- C. Clay > Silt > Sand
- D. Silt > Sand > Clay

Answer – Clay > Silt > Sand

Q11. Alkaline Soil can be reclaimed by ?

- A. Urea
- B. Gypsum
- C. SSP
- D. Lime

Answer - Gypsum

Q12. Act of Parturition by Sow is called ?

- A. Calving
- B. Farrowing
- C. Lambing
- D. Pupping

Answer - Farrowing

Q13. Pungency in onion is due to ?

- A. Allyl Propyl Disulphide
- B. Diallyl Disulphide
- C. Isothiocynate
- D. Quercetin

Answer – Allyl Propyl Disulphide

Q14. Bordeaux mixture is a preparation of ?

- A. Copper Fungicide
- B. Systemic fungicide

Answer – Copper fungicide

Q15. According to the Prevention of Adulteration Act, What is the SNF of Cow Milk ?

- A. 8.5
- B. 7.5
- C. 9
- D. 6.7

Answer – 8.5

Q16. According to ICMR, what is the daily requirement of vegetables per day per person ?

- A. 100 grams
- B. 300 grams
- C. 400 grams
- D. 500 grams

Answer – 300 grams

Q17. Which of the following Chemical used in Polyploidy breeding ?

- A. NAA
- B. IAA
- C. Colchicine
- D. Cytokinin

Answer – Colchicine.

Q 18. What is the fruit type of Pineapple ?

- A. Sorosis
- B. Pome
- C. Balusta
- D. Berry

Answer – Sorosis (Pineapple, Mulberry, Jackfruit)

Q19. Late Blight is a disease of ?

- A. Tomato
- B. Brinjal
- C. Wheat
- D. Potato

Answer – Potato

Q20. Zoonosis disease refers to?

- A. A disease which spreads from non-human/Animals to humans.
- B. A disease which spreads from Humans to animals.
- C. A disease which spreads from non human arthropod to humans
- D. A disease which spreads from insects to animals

Answer - A disease which spreads from non-human/Animals to humans.

Q 21. Superiority of F1 Hybrid over its parents is called ?

- A. Heterosis
- B. Dominance
- C. Hybrid vigor
- D. Inbreeding depression

Answer – Heterosis

Q22. Dropping of seeds in furrow lines in a continuous stream and then covering the soil ?

- A. Drilling
- B. Dibbling
- C. Broadcasting
- D. Sowing behind plough

Answer – Drilling (Continuous word)

Q23. What is the family of Mustard?

- A. Solanaceae
- B. Leguminosae
- C. Graminae
- D. Cruciferae

Answer – Cruciferae

Q24. Mould Board instrument is used for ?

- A. Ploughing
- B. Harrowing
- C. Weeding
- D. Transplanting

Answer - Ploughing

Q25. Soil Moisture is measured by which Instrument ?

- A. Hygrometer
- B. Tensiometer
- C. Anemometer
- D. Lux meter

Answer - Tensiometer

**Q26. Blossom end rot is a disorder of _____ crop ,
due to deficiency of _____ ?**

- A. Tomato , Calcium
- B. Calcium, Tomato
- C. Onion , magnesium
- D. Potato , nitrogen

Answer – Tomato , Calcium

Q27. 2-4 Dichlorophenoxy acetic acid is used as ?

- A. Herbicide
- B. Insecticide
- C. Fungicide
- D. Nematicide

Answer - Herbicide

Q28. Two breeds are crossed alternatively is called as?

- A. Criss crossing
- B. hybridization

Answer – Cris crossing

Q29. Which of the following is not a sedimentary rock ?

- A. Granite
- B. Sandstone
- C. Shale
- D. Conglomerate
- E. Limestone

Answer - Granite

Q30. R.M test is related to which dairy product ?

- A. Chesse
- B. Whole milk powder
- C. Yoghurt
- D. Curd
- E. Ghee

Answer - Ghee

Q31. Growing of trees with pastures and agricultural crops is called ?

- A. Agri-silvipastural
- B. Agri-silvihorti
- C. Horti-silvi
- D. Tree-horti

Answer – Agri-silvipastural

Q32. Smother crops are defined as ?

- A. Crops grown to suppress weed infestation by covering the ground by their dense foliage.
- B. Crops grown for soil moisture conservation.
- C. Crops which results in intensive weed growth.

Answer – Crops grown to suppress weed infestation by covering the ground by their dense foliage.

Q33. Fruit type of Rose ?

- A. Hip
- B. Balusta
- C. Pome

Answer - Hip

Q34. Pendimethalin is used Against ?

- A. Weed
- B. Bacteria
- C. Nematode
- D. Fungus

Answer – Weed

Q35. The credit of success of Krishi Vigyan Kendra goes to ?

- A. Dr. Chandrika Prasad
- B. Dr. Mangla Rai
- C. Dr. R.S Paroda
- D. Dr. Mohan Singh Mehta

Answer – Dr. Chandrika Prasad (Asked success and if committee Mohan Singh Mehta)

Q36. Buffalo Milk is more white than cow milk due to ?

- A. Presence of carotene in buffalo milk
- B. More fat in buffalo milk than cow milk
- C. Conversion of beta carotene in Vit – A
- D. High level of Calcium in buffalo milk

Answer - Conversion of beta carotene in Vit – A

Q37. Progeny of Breeders seed which should maintain certain germination standards and approved by Certification Agency ?

- A. Certified seeds
- B. Nucleus seeds
- C. Foundation seeds
- D. Truthfull seeds

Answer – Foundation seeds.

Q38. What is the amplifier host of jpani encephalitis ?

- A. Cattle
- B. Pig
- C. Mosquito
- D. Dog

Answer - Pig

Q39. What is the premium rate payable to Rabi crops (including cereals , pulses, oilseeds) under PMFBY by the farmers ?

- A. 2 % of SI or Actuarial rate
- B. 2.5 % of SI or Actuarial rate
- C. 5% of SI or Actuarial rate
- D. 1.5 % of SI or Actuarial rate

Answer – 1.5 % of SI or Actuarial rate

Q40. Which of the following centrally sponsored scheme provides Rs 6000/- annually for purchasing agricultural inputs like seed, fertilizers etc by Direct Benefit Transfer ?

- A. KCC
- B. PMFBY
- C. PMKSY
- D. PM- KISAN

Answer – PM- Kisan

**Q41. Which of the following is known as
Antheraea mylitta ?**

- A. Tropical Muga
- B. Temprate Muga
- C. Muga spp
- D. Tropical Tasar

Answer- Tropical Tasar Silkworm.

Q42. Deficiency of which of the following causes

a) Rickets in Children

b) Osteomalacia in adults

C) Milk fever in parturient animals

A. Magnesium

B. Copper

C. Calcium

Answer - Calcium

Q43. Breed of Buffalo found in south Gujrat region having Sickle shaped horns turned in backward direction and skin colour is brown to black ?

- A. Murrah
- B. Toda
- C. Surti
- D. Bhadavri

Answer - Surti

Q44. Symptoms of Powdery Mildew of Pea (*Erysiphe polyogony*) first appear on which part of the plant?

- A. Pods
- B. Leaves
- C. Roots
- D. Stem
- E. Flower

Answer - Leaves

Q45. Anammox is related to ?

- A. Carbon cycle
- B. Nitrogen cycle
- C. Sulphur cycle
- D. Hydrogen cycle

Answer – Nitrogen Cycle

Q46. Adoption of an innovation is negatively correlated with ?

- A. Compatibility
- B. Triability
- C. Complexity
- D. Observability
- E. Predictability

Answer - Complexity

Q47. The process of keeping the cocoons of silkworm in hot water for unwinding of silk fragments is called as ?

- A. Weaving
- B. Reeling
- C. Degumming

Answer - Reeling

Q48. The principle technique used for maintaining higher C:N ratio in ponds through stimulating heterotrophic microbial growth which assimilates the nitrogenous wastes that can be exploited by cultured species?

- A. Recirculating system
- B. Integrated fish farming
- C. Composite fish culture
- D. Biofloc fish farming

Answer – Biofloc Fish Farming

Q49. The beetle having snout horn like projection on head, black body and attacks from base to open terminal portion ?

- A. Rhinoceros beetle
- B. Black headed caterpillar

Answer – Rhinoceros beetle

Q50. The double helix bond of DNA is connected with which of the following bonds?

- A. Hydrogen bond
- B. Covalent bond
- C. Phospo diester bond
- D. Phosphate bond

Answer – Hydrogen bond

Q51. Which of the following is true regarding Ratooning sugarcane crop?

- A. It requires less Nitrogen than pure crop
- B. It requires more nitrogen than pure crop
- C. It matures late than pure crop
- D. It gives higher yield than pure crop

Answer – It requires more Nitrogen than pure crop.

Q52. Which of the following housing system is used in commercial layer farming in poultry having dimensions of 14*16 inches or height 17 inches ?

- A. Semi intensive
- B. Battery cages
- C. Extensive system
- D. Deep litter

Answer – battery cages

Q53. The advice regarding price policy of the various agricultural commodities to government for the betterment of producer farmers is done by ?

- A. APEDA
- B. NAFED
- C. CACP

Answer - CACP

Q54. Scratching rubbing and softening seed coat to make it permeable to water and break its dormancy is called ?

- A. Scarification
- B. Startification

Answer - Scarification

Q55. Protoplasmic fusion between plants of two different species ?

- A. Somatic hybridization
- B. Interspecific hybridization
- C. Intergeneric hybridization

Answer – Interspecific Hybridization

Q56. In Maharashtra and parts of karnataka the (pre seasonal) sowing of sugarcane which takes 15-16 months for harvesting is usually planted in the month of _____

A. October – November

Answer – October - November

Q57. Rating (not Retting) is a process in processing of which of the following Crops ?

- A. Jute
- B. Tomato
- C. Wheat
- D. Rice
- E. Maize

Answer – Rice

Q58. In Maharashtra and south India pruning of grape vines is done twice in ____ and ____ months which is also called Back pruning ?

Answer – 1st April May and 2nd in October

Q59. The secretion of milk by glandular secretory tissue by milking animals and their collection in various duct terminating in let down which is subjected to special stimuli is called?

- Answer - Lactation

Q60. Effluent treatment in fish pond for?

- Options not available

Distribution of Marks per **Subject AFO 2021**

- **Agronomy – 11**
- **Soil Science – 5**
- **Horticulture – 4**
- **Livestock + milk technology – 9**
- **Extension – 2**
- **Economics – 1**
- **Pathology – 4**
- **Entomology - 2**
- **Genetics and plant Breeding – 5**
- **Apiculture -1**
- **Sericulture – 3**
- **Botany -2**
- **General (current + some common terms) – 8**
- **Fishery - 3**