

IFFCO AGT Previous Year paper (20 May 2023)

Q1. Which fungal disease affects wheat, rye, and barley, causing dark-colored lesions on leaves and stems?

- (a) Rust
- (b) Powdery mildew
- (c) Downy mildew
- (d) Smut

Ans.(a)

Q2. Which fungal disease affects rice plants and is characterized by white, powdery growth on leaves and stems?

- (a) Downy mildew
- (b) Rust
- (c) Smut
- (d) Powdery mildew

Ans.(d)

Q3. Which irrigation method involves the use of pipes and tubes to deliver water directly to the base of plants?

- (a) Drip irrigation
- (b) Flood irrigation
- (c) Furrow irrigation
- (d) Sprinkler irrigation

Ans.(a)

Q4. Which extension approach involves farmers actively participating in problem-solving and decision-making processes?

- (a) Top-down approach
- (b) Participatory extension
- (c) Technology transfer
- (d) Mass media approach

Ans.(b)

Q5. What is the primary objective of "farm management" as a discipline in agriculture?

- (a) Maximizing crop yield
- (b) Enhancing the farmer's quality of life
- (c) Minimizing production costs
- (d) Achieving self-sufficiency in food production

Ans.(c)



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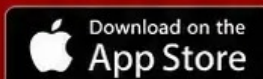


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Q6. What is the term for the process of systematically collecting and analyzing data to assess the impact and effectiveness of extension programs?

- (a) Needs assessment
- (b) Surveys and questionnaires
- (c) Participatory rural appraisal
- (d) Extension evaluation

Ans.(c)

Q7. Which of the following is a major greenhouse gas associated with livestock agriculture?

- (a) Oxygen (O_2)
- (b) Methane (CH_4)
- (c) Carbon dioxide (CO_2)
- (d) Nitrous oxide (N_2O)

Ans.(b)

Q8. What is the term for the process by which microorganisms in the rumen of cattle break down complex plant materials into simpler substances for digestion?

- (a) Osmosis
- (b) Absorption
- (c) Fermentation
- (d) Transpiration

Ans.(c)

Q9. What type of herbicides are designed to control or kill a wide range of weed species?

- (a) Selective herbicides
- (b) Pre-emergence herbicides
- (c) Post-emergence herbicides
- (d) Non-selective herbicides

Ans.(d)

Q10. Which of the following factors is not a primary cause of soil erosion?

- (a) Wind
- (b) Rainfall intensity
- (c) Soil structure
- (d) Vegetative cover

Ans.(c)

Q11. Which practice helps reduce soil erosion by creating a barrier along the contour lines of a slope?

- (a) Terracing
- (b) Crop rotation
- (c) Deep plowing
- (d) Irrigation

Ans.(a)

Q12. Which cereal crop belongs to the Poaceae family and is known for its tall, hollow stems?

- (a) Rice
- (b) Wheat
- (c) Corn (maize)
- (d) Sorghum

Ans.(c)

Q13. When making a complex decision, what is the recommended approach?

- (a) Random choice
- (b) Intuitive guess
- (c) Rational analysis
- (d) Avoid making decisions

Ans.(c)

Q14. What substance is commonly added to soil to raise its pH and reduce acidity?

- (a) Lime
- (b) Organic Matter
- (c) Gypsum
- (d) Sulfur

Ans.(a)

Q15. What is the primary purpose of adding lime to acidic soils?

- (a) Decrease soil pH
- (b) Increase soil acidity
- (c) Improve soil structure
- (d) Raise soil pH

Ans.(d)

Q16. What financial statement provides a snapshot of a farm's financial position at a specific point in time?

- (a) Income Statement
- (b) Cash Flow Statement
- (c) Balance Sheet
- (d) Profit and Loss Statement

Ans.(c)

Q17. Which type of agricultural policy aims to provide subsidies and incentives to promote agricultural exports?

- (a) Import Substitution Policy
- (b) Export Promotion Policy
- (c) Price Support Policy
- (d) Monopoly Policy

Ans.(b)

Q18. In plant breeding, what term describes the offspring resulting from the crossing of two genetically different parents?

- (a) Mutants
- (b) Hybrids
- (c) Varieties
- (d) Clones

Ans.(b)

Q19. Which method of plant breeding involves crossing two plants with desirable traits followed by self-pollination?

- (a) Hybridization
- (b) Mutation breeding
- (c) Backcrossing
- (d) Inbreeding

Ans.(a)

Q20. In precision agriculture, what technology is used for real-time monitoring of soil properties, crop conditions, and environmental factors?

- (a) LIDAR (Light Detection and Ranging)
- (b) Thermal imaging
- (c) Spectral reflectance
- (d) Geographical Information System (GIS)

Ans.(d)

Q21. What is the concept of "sustainable rural development" primarily focused on achieving?

- (a) Rapid urbanization
- (b) Industrialization of rural areas
- (c) Meeting the basic needs of the present generation without compromising the needs of future generations
- (d) Expanding agricultural land

Ans.(c)

Q22. What is the term for the additional cost incurred when producing one more unit of a good?

- (a) Fixed cost
- (b) Average cost
- (c) Marginal cost
- (d) Opportunity cost

Ans.(c)

Q23. In the BBCH scale, what does the "BBCH 70" stage represent in the growth of a cereal crop?

- (a) Seedling emergence
- (b) Heading
- (c) Flowering
- (d) Ripening

Ans.(d)

Q24. In the context of livestock reproduction, what is "superovulation"?

- (a) The natural ability of certain breeds to produce multiple offspring in a single birth
- (b) A hormonal treatment to induce a cow to produce multiple eggs during the estrous cycle
- (c) The use of artificial insemination to increase conception rates in mares
- (d) A breeding method to produce identical twins in sheep

Ans.(b)

Q25. What is the primary function of mycorrhizal fungi in the rhizosphere of plants?

- (a) Parasitism
- (b) Nutrient uptake enhancement
- (c) Pest control
- (d) Soil aeration

Ans.(b)

Q26. What method of plant propagation involves the use of plant cuttings?

- (a) Grafting
- (b) Layering
- (c) Budding
- (d) Vegetative propagation

Ans.(d)

Q27. What is the primary purpose of crop rotation in agriculture?

- (a) Increasing soil erosion
- (b) Enhancing pest infestation
- (c) Improving soil fertility
- (d) Reducing crop yield

Ans.(c)

Q28. What is the primary goal of sustainable agriculture?

- (a) Maximizing short-term profits
- (b) Minimizing environmental impact
- (c) Expanding monoculture farming
- (d) Increasing pesticide usage

Ans.(b)

Q29. Which vegetable is known for its high vitamin C content and is often used in salads?

- (a) Cabbage
- (b) Carrot
- (c) Lettuce
- (d) Tomato

Ans.(a)

Q30. Which of the following is a common method for propagating fruit trees by joining a scion to a rootstock?

- (a) Grafting
- (b) Layering
- (c) Budding
- (d) Cutting

Ans.(a)

Q31. Which group of soil microorganisms plays a crucial role in decomposing organic matter and releasing nutrients in the soil?

- (a) Actinomycetes
- (b) Archaea
- (c) Mycorrhizal fungi
- (d) Protozoa

Ans.(a)

Q32. What is the primary goal of "sustainable agriculture" practices?

- (a) Maximizing short-term profits
- (b) Minimizing the use of renewable resources
- (c) Enhancing long-term environmental and economic sustainability
- (d) Promoting monoculture farming

Ans.(c)

Q33. In which growth phase of a crop do we typically observe the process of flowering and pollination?

- (a) Vegetative phase
- (b) Reproductive phase
- (c) Maturation phase
- (d) Dormant phase

Ans.(b)

Q34. How does Nano Urea differ from traditional urea in terms of nutrient release?

- (a) Nano Urea releases nutrients more quickly
- (b) Nano Urea releases nutrients more slowly
- (c) Nano Urea contains no nutrients
- (d) Nano Urea releases nutrients at the same rate as traditional urea

Ans.(a)

Q35. In soil science, what is the term for the process by which organic matter is transformed into inorganic substances, such as carbon dioxide, water, and minerals?

- (a) Humification
- (b) Decomposition
- (c) Mineralization
- (d) Nitrification

Ans.(c)

Q36. Which gene modification technique allows for the precise insertion, deletion, or replacement of specific genes in plant genomes?

- (a) Somatic hybridization
- (b) Polyploidy induction
- (c) Somaclonal variation
- (d) CRISPR-Cas9

Ans.(d)

Q37. Nano Urea is often designed with a controlled-release mechanism. What is the benefit of controlled-release fertilizers?

- (a) They release nutrients all at once for rapid plant growth.
- (b) They reduce the need for frequent fertilizer application.
- (c) They increase nutrient leaching.
- (d) They have a shorter shelf life.

Ans.(b)

Q38. Which marketing channel involves the direct sale of agricultural products from the producer to the consumer?

- (a) Producer to Retailer
- (b) Producer to Wholesaler
- (c) Producer to Exporter
- (d) Producer to Consumer

Ans.(d)

Q39. A soil with a pH value of 8 is considered:

- (a) Acidic
- (b) Alkaline
- (c) Neutral
- (d) Saline

Ans.(b)

Q40. What is the primary function of the phloem in plants?

- (a) Nutrient transport
- (b) Photosynthesis
- (c) Structural support
- (d) Water transport

Ans.(a)

Q41. What is the recommended method of sowing seeds for maize cultivation?

- (a) Broadcasting
- (b) Dibbling
- (c) Transplanting
- (d) Line Sowing

Ans.(d)

Q42. Which of the following is an example of a broadleaf weed commonly found in agricultural fields?

- (a) Bermuda grass
- (b) Johnson grass
- (c) Crabgrass
- (d) Pigweed

Ans.(d)

Q43. When considering the effects of excessive phosphorus application in agriculture, what environmental concern is associated with phosphorus runoff into water bodies?

- (a) Phosphorus promotes nitrogen fixation in aquatic ecosystems
- (b) Phosphorus can lead to eutrophication and harmful algal blooms
- (c) Phosphorus enhances soil structure and reduces erosion
- (d) Phosphorus accelerates the decomposition of organic matter

Ans.(b)

Q44. What is the term for the process of removing undesirable plants from a cultivated field?

- (a) Irrigation
- (b) Tilling
- (c) Weeding
- (d) Fertilization

Ans.(c)

Q45. Which insect pest is a major threat to cotton crops, often causing damage to cotton bolls?

- (a) Aphids
- (b) Whiteflies
- (c) Bollworms
- (d) Leafhoppers

Ans.(c)

Q46. What is the primary function of mycorrhizal fungi in plant-microbe interactions?

- (a) Pathogens
- (b) Nitrogen fixation
- (c) Nutrient uptake enhancement
- (d) Herbivores

Ans.(c)

Q47. What financial statement reflects the income and expenses of a farm over a specific period?

- (a) Balance Sheet
- (b) Cash Flow Statement
- (c) Income Statement
- (d) Profit and Loss Statement

Ans.(c)

Q48. Which of the following is not a mechanism of plant disease resistance at the molecular level?

- (a) Production of antimicrobial proteins
- (b) Hypersensitive response
- (c) Activation of phytohormones
- (d) Phagocytosis of pathogens by plant cells

Ans.(d)

Q49. Photoperiodism refers to a plant's response to:

- (a) Temperature changes
- (b) Light duration or day length
- (c) Soil fertility
- (d) Humidity levels

Ans.(b)

Q50. Which of the following agricultural practices involves the controlled breeding of animals for improved genetic traits such as milk production or meat quality?

- (a) Artificial insemination
- (b) Embryo transfer
- (c) Selective breeding
- (d) Cloning

Ans.(c)

Q51. Which nutrient is essential for the formation of chlorophyll in plants and plays a vital role in photosynthesis?

- (a) Sulfur
- (b) Copper
- (c) Molybdenum
- (d) Magnesium

Ans.(d)

Q52. Which group of soil microorganisms is responsible for nitrogen fixation through the conversion of atmospheric nitrogen to ammonia?

- (a) Actinomycetes
- (b) Arbuscular mycorrhizal fungi
- (c) Nitrosomonas bacteria
- (d) Diazotrophic bacteria

Ans.(d)

Q53. What is the concept of "soil pH buffering capacity" in soil science?

- (a) The ability of soil to resist changes in pH
- (b) The speed at which soil pH changes over time
- (c) The nutrient-holding capacity of soil

(d) The soil's resistance to compaction

Ans.(a)

Q54. What is the name of the process that uses controlled temperatures and humidity to extend the storage life of fruits and vegetables while minimizing decay and loss of quality?

- (a) Blanching
- (b) Fermentation
- (c) Curing
- (d) Cold storage

Ans.(d)

Q55. Which cattle breed is known for its distinctive white face and is often raised for beef production?

- (a) Holstein
- (b) Angus
- (c) Hereford
- (d) Brahman

Ans.(c)

Q56. What is the process of artificially transferring desirable genes from one plant to another to improve crop traits known as?

- (a) Somaclonal variation
- (b) Germplasm collection
- (c) Genetic modification
- (d) Inbreeding

Ans.(c)

Q57. What type of soil is known for its high water-holding capacity and is excellent for paddy cultivation?

- (a) Sandy Soil
- (b) Loamy Soil
- (c) Clay Soil
- (d) Silt Soil

Ans.(c)

Q58. What is the term for the process of breaking down complex organic compounds in organic waste materials into simpler, stable compounds through the action of microorganisms?

- (a) Composting
- (b) Anaerobic digestion
- (c) Incineration
- (d) Bioremediation

Ans.(a)

Q59. What is the term for the process of nutrient absorption by plants through their roots in the form of ions?

- (a) Translocation
- (b) Osmosis
- (c) Active uptake
- (d) Passive diffusion

Ans.(c)

Q60. What plant breeding technique involves the repeated crossing of selected individuals with the same desired trait to achieve a stable, uniform population?

- (a) Hybridization
- (b) Mutation breeding
- (c) Recurrent selection
- (d) Tissue culture

Ans.(c)

Q61. What is the principle behind "Agroecological Intensification" in sustainable agriculture?

- (a) Maximizing monoculture farming
- (b) Focusing on genetically modified crops
- (c) Emphasizing the use of synthetic pesticides
- (d) Enhancing agricultural productivity through ecological approaches

Ans.(d)

Q62. Which organic material is commonly used to improve soil structure and increase its water-holding capacity?

- (a) Sand
- (b) Clay
- (c) Vermicompost
- (d) Gypsum

Ans.(c)

Q63. Which of the following is a genetically modified (GM) crop that is engineered to produce its own insecticide?

- (a) Wheat
- (b) Rice
- (c) Bt cotton
- (d) Barley

Ans.(c)

Q64. What is Nano Urea primarily used for in agriculture?

- (a) Pest control
- (b) Weed management
- (c) Soil fertility and nutrient management

(d) Water conservation

Ans.(c)

Q65. What is the certification process that ensures agricultural products meet organic standards?

- (a) GMO verification
- (b) Fair trade certification
- (c) Organic certification
- (d) Sustainable agriculture assessment

Ans.(c)

Q66. What term refers to the process of planning, organizing, and controlling farm resources to achieve specific goals?

- (a) Agricultural economics
- (b) Farm management
- (c) Agribusiness
- (d) Agricultural marketing

Ans.(b)

Q67. Which agricultural practice involves planting crops in a manner that follows the contour of the land to prevent soil erosion?

- (a) Crop rotation
- (b) Terracing
- (c) Mulching
- (d) Furrowing

Ans.(b)

Q68. In agroforestry, what is the term for the practice of growing a combination of trees, shrubs, and crops in a single field for multiple benefits?

- (a) Silviculture
- (b) Monoculture
- (c) Polyculture
- (d) Afforestation

Ans.(c)

Q69. Which of the following structures in plants is primarily responsible for transpiration?

- (a) Roots
- (b) Leaves
- (c) Stems
- (d) Flowers

Ans.(b)

Q70. Which of the following is a warm-season crop commonly grown in tropical regions?

- (a) Wheat
- (b) Potato
- (c) Rice
- (d) Maize

Ans.(c)

Q71. What is the primary function of tillage in agriculture?

- (a) Pest control
- (b) Moisture conservation
- (c) Weed management
- (d) Nutrient application

Ans.(c)

Q72. What is the primary role of beneficial soil microorganisms, such as mycorrhizal fungi, in agriculture?

- (a) Causing plant diseases
- (b) Enhancing nutrient uptake by plants
- (c) Promoting soil erosion
- (d) Decreasing soil fertility

Ans.(b)

Q73. Which type of soil has a balanced mixture of sand, silt, and clay and is considered ideal for agriculture?

- (a) Sandy Soil
- (b) Loam Soil
- (c) Clay Soil
- (d) Silty Soil

Ans.(b)

Q74. Which plant hormone is responsible for promoting cell elongation?

- (a) Auxin
- (b) Gibberellin
- (c) Cytokinin
- (d) Absciscic acid

Ans.(a)

Q75. What is the primary nutrient provided by organic matter (humus) in the soil?

- (a) Nitrogen
- (b) Phosphorus
- (c) Potassium
- (d) Organic Carbon

Ans.(a)

Q76. Which vegetable crop is biennial in nature, meaning it completes its life cycle in two years?

- (a) Tomato
- (b) Carrot
- (c) Cucumber
- (d) Spinach

Ans.(b)

Q77. In agriculture, what does the term "Elasticity of Demand" measure?

- (a) The responsiveness of quantity demanded to price changes
- (b) The price at which demand becomes perfectly inelastic
- (c) The total revenue generated by a product
- (d) The income elasticity of supply

Ans.(a)

Q78. Which type of agricultural policy aims to protect domestic producers by imposing import restrictions and tariffs on foreign agricultural products?

- (a) Export Promotion Policy
- (b) Price Support Policy
- (c) Import Substitution Policy
- (d) Liberalization Policy

Ans.(c)

Q79. Which breeding method involves selecting and mating individuals with the best combination of traits from the entire population, often used in tree breeding?

- (a) Line breeding
- (b) Interbreeding
- (c) Mass selection
- (d) Hybridization

Ans.(c)

Q80. What is the primary function of chlorophyll in plants?

- (a) Nutrient absorption
- (b) Energy conversion through photosynthesis
- (c) Root development
- (d) Pest resistance

Ans.(b)

Q81. Who is the head of a Gram Panchayat in India?

- (a) Prime Minister
- (b) Sarpanch
- (c) District Collector
- (d) Chief Minister

Ans.(b)

Q82. What is the primary nutrient responsible for the growth and development of plant roots?

- (a) Nitrogen
- (b) Phosphorus
- (c) Potassium
- (d) Calcium

Ans.(b)

Q83. Delinting of cotton seed may be done with?

- (a) H_2SO_4
- (b) NaOH
- (c) NH_4Cl
- (d) HNO_3

Ans.(a)

Q84. What is the percentage of nitrogen in cattle dung?

- (a) 0.1
- (b) 0.2
- (c) 0.3
- (d) 0.5

Ans.(d)

Q85. What is the primary mode of transmission for fungal plant pathogens?

- (a) Insects
- (b) Water
- (c) Wind
- (d) Nematodes

Ans.(c)

Q86. Which of the following crops is a staple food in many Asian countries and is known as the "King of Cereals"?

- (a) Wheat
- (b) Rice
- (c) Maize
- (d) Sorghum

Ans.(a)

Q87. Apatite is a mineral containing the plant nutrient:

- (a) Nitrogen
- (b) Phosphorus
- (c) Potassium
- (d) Boron

Ans.(b)

Q88. What is the primary objective of "agribusiness management" as a field of study and practice?

- (a) Maximizing crop yield
- (b) Increasing the use of organic farming methods
- (c) Enhancing the efficiency and profitability of agricultural businesses
- (d) Promoting subsistence farming

Ans.(c)

Q89. What financial measure assesses the profitability of an agricultural enterprise and is calculated by subtracting variable costs from gross revenue?

- (a) Net profit
- (b) Operating profit margin
- (c) Gross margin
- (d) Break-even point

Ans.(c)

Q90. Which term refers to the ability of a plant variety to suppress the multiplication or development of a pathogen, to a degree that is less than normal for that specific pathogen or a similar one?

- (a) Pathogen avirulence
- (b) Host susceptibility
- (c) Disease tolerance
- (d) Host resistance

Ans.(c)

Q91. Test weight of wheat is?

- (a) 40g
- (b) 50g
- (c) 55g
- (d) 60g

Ans.(a)

Q92. Which method is used for the textural analysis of all soils except calcareous and organic soils?

- (a) Hydrometer method
- (b) International pipette method
- (c) Aggregate method
- (d) All

Ans.(a)

Q93. What is the concept of "land reform" in the context of agricultural policies?

- (a) A program to provide landowners with financial subsidies
- (b) The conversion of agricultural land into industrial zones
- (c) Measures to redistribute land ownership to reduce land concentration
- (d) Policies to encourage large-scale corporate farming

Ans.(c)

Q94. In the indifference curve approach, the concept of substitution between goods could be attributed to which economist?

- (a) Keynes
- (b) Marshall
- (c) Hicks
- (d) Friedman

Ans.(c)

Q95. What type of pest primarily damages stored grains such as rice and wheat?

- (a) Aphids
- (b) Whiteflies
- (c) Weevils
- (d) Caterpillars

Ans.(c)

Q96. What is the primary goal of watershed management?

- (a) Maximizing water use for irrigation
- (b) Minimizing the flow of water to natural water bodies
- (c) Sustaining the health of the entire watershed ecosystem
- (d) Building dams to store water for agricultural use

Ans.(c)

Q97. What is activated sludge?

- (a) Sludge with high acidity.
- (b) Sludge used for industrial purposes.
- (c) Sludge subjected to action and improved for land use.
- (d) Sludge with high nutrient content.

Ans.(c)

Q98. Baby corn is harvested at the stage of?

- (a) 2-3 days after silking
- (b) 2-3 days after tasseling
- (c) Milk stage
- (d) R4 stage

Ans.(a)

Q99. Major constituent of cotton fiber is?

- (a) Cellulose
- (b) Liginin
- (c) Protein
- (d) Fat

Ans.(a)

Q100. Which plant growth regulator promotes cell division and is often used in tissue culture for plant propagation?

- (a) Gibberellin
- (b) Cytokinin
- (c) Auxin
- (d) Ethylene

Ans.(b)

Q101. What is the term for the practice of rotating different crops in a field to reduce the buildup of disease-causing pathogens?

- (a) Monoculture
- (b) Mixed Cropping
- (c) Crop Diversification
- (d) Crop Rotation

Ans.(d)

Q102. What is the correct comparative form of the adjective "Bad"?

- (a) Badder
- (b) Worse
- (c) Baddest
- (d) Bade

Ans.(b)

Q103. Which social media platform has seen the most growth in active users in the past year?

- (a) Facebook
- (b) Twitter
- (c) Instagram
- (d) Snapchat

Ans.(c)

Q104. _____ of the following is the preferred soil type for growing cowpea

- (a) Medium-heavy clay
- (b) Sandy clay
- (c) Sandy Loam
- (d) None of the above

Ans.(c)

Q105. In a mixture, the ratio of milk to water is 3:2. Which ratios represent the same mixture with more water?

- (a) 2:3, 3:2
- (b) 5:3, 4:2
- (c) 4:5, 3:2
- (d) 3:4, 2:5

Ans.(d)

Q106. Which organization is responsible for the collection of income tax in India?

- (a) RBI (Reserve Bank of India)
- (b) SEBI (Securities and Exchange Board of India)
- (c) CBDT (Central Board of Direct Taxes)
- (d) NABARD (National Bank for Agriculture and Rural Development)

Ans.(c)

Q107. Which of the following statements is an example of deductive reasoning?

- (a) If it's sunny, then the skies will be clear.
- (b) Many people enjoy going to the beach when the weather is warm.
- (c) All mammals have a backbone, and dogs are mammals, so dogs have a backbone.
- (d) I feel happy today because the sun is shining brightly.

Ans.(c)

Q108. Choose the statements that correctly show two workers taking 6 hours and 9 hours to complete a task, respectively.

- (a) Worker A takes 6 hours, Worker B takes 9 hours.
- (b) Worker A takes 9 hours, Worker B takes 6 hours.
- (c) Worker A takes 3 hours, Worker B takes 6 hours.
- (d) Worker A takes 6 hours, Worker B takes 3 hours.

Ans.(a)

Q109. Which of the following represent a 20% increase and a 10% decrease, respectively?

- (a) 30% increase, 5% decrease
- (b) 20% increase, 10% decrease
- (c) 10% increase, 20% decrease
- (d) 25% increase, 10% decrease

Ans.(b)

Q110. If all dogs are mammals, and some mammals are brown, can we conclude that some dogs are brown?

- (a) Yes
- (b) No
- (c) Maybe
- (d) It depends on more information

Ans.(c)

Q111. If a product originally priced at Rs. 80 is on sale for 20% off, what is the sale price?

- (a) Rs. 60
- (b) Rs. 64
- (c) Rs. 72
- (d) Rs. 96

Ans.(b)

Q112. Which of the following is a synonym for the word "ubiquitous"?

- (a) Scarce
- (b) Abundant
- (c) Pervasive
- (d) Isolated

Ans.(c)

Q113. I speak without a mouth and hear without ears. What am I?

- (a) A book
- (b) A river
- (c) A tree
- (d) A telephone

Ans.(d)

Q114. In a mixture, the ratio of milk to water is 3:2. Which ratios represent the same mixture with more water?

- (a) 2:3, 3:2
- (b) 5:3, 4:2
- (c) 4:5, 3:2
- (d) 3:4, 2:5

Ans.(d)

Q115. Select the options that correctly indicate a 25% profit and a 15% loss.

- (a) 30% profit, 10% loss
- (b) 25% profit, 20% loss
- (c) 25% profit, 15% loss
- (d) 15% profit, 25% loss

Ans.(c)

Q116. Which of the following devices can be considered part of the Internet of Things (IoT)?

- (a) Refrigerator
- (b) Toaster
- (c) Television
- (d) Pencil

Ans.(a)

Q117. In India, which institution is responsible for formulating and implementing monetary policy?

- (a) Ministry of Finance
- (b) Reserve Bank of India (RBI)
- (c) NITI Aayog
- (d) Securities and Exchange Board of India (SEBI)

Ans.(b)

Q118. Which word is a synonym for "gather"?

- (a) Scatter
- (b) Disperse
- (c) Assemble
- (d) Separate

Ans.(c)

Q119. Choose the correctly spelled word.

- (a) Achalo
- (b) Achieve
- (c) Acshere
- (d) Achive

Ans.(b)

Q120. If "A OR B" is false, what can you conclude about the truth values of "A" and "B"?

- (a) Both A and B are true.
- (b) Both A and B are false.
- (c) A is true and B is false.
- (d) A is false and B is true.

Ans.(b)

Q121. Which technological innovation is transforming modern agriculture by enabling precision farming?

- (a) GPS tracking
- (b) Traditional plowing techniques
- (c) Oxen-driven plows
- (d) Crop rotation

Ans.(a)

Q122. Select the roots of the quadratic equation $x^2 - 4x + 3 = 0$.

- (a) $x = 1$
- (b) $x = 3$
- (c) $x = -1$
- (d) $x = -3$

Ans.(a)

Q123. In the sentence, "She was so tired that she could hardly keep her eyes open," what type of conjunction is "that"?

- (a) Coordinating conjunction
- (b) Subordinating conjunction
- (c) Correlative conjunction
- (d) Conjunctive adverb

Ans.(b)

Q124. What is the plural form of "Cactus"?

- (a) Cactuss
- (b) Cacti
- (c) Cactuses
- (d) Cactos

Ans.(b)

Q125. If a car travels from point A to point B at a speed of 60 km/h and returns from point B to point A at a speed of 40 km/h, what is the average speed for the round trip?

- (a) 45 km/h
- (b) 48 km/h
- (c) 50 km/h
- (d) 52 km/h

Ans.(b)

Q126. If it starts raining, what will happen to the ground?

- (a) The ground will get wet.
- (b) The ground will turn into ice.
- (c) The ground will become hot.
- (d) The ground will crack.

Ans.(a)

Q127. Identify the correct sentence from the options below.

- (a) The cat chased it's tail.
- (b) The cat chassed its tail.
- (c) The cat chased lis' tail.
- (d) The cat chased its tail.

Ans.(d)

Q128. Amar starts from point A and drives 14 km towards West. He then takes a right turn, drives 15 km, turns right and drives 19km. He then takes a right turn and drives 18 km. He takes a final right turn, drives 5 km and stops at point P. How far(shortest distance) and towards which direction should he drive in order to reach point A again? (All turns are 90 degree turns only unless specified.)

- (a) 1 km to the North
- (b) 2 km to the North
- (c) 3 km to the North
- (d) 4 km to the North

Ans.(c)

Q129. A is the mother of B. G is the sister of B's father C. K is the son of G. How is A related to K?

- (a) Mother's brother's wife
- (b) Mother's brother's son
- (c) Mother's brother's daughter
- (d) Mother's father

Ans.(a)

Q130. In a certain code language, 'ADMIT' is written as 'BFPMY' and 'ACTOR' is written as 'BEWSW'. How will 'ABUSE' be written in that language?

- (a) BDZWJ
- (b) BDYWJ
- (c) BDGWJ
- (d) BDXWJ

Ans.(d)

Q131. Three of the following four are alike in a certain way and thus form a group. Which is the one that does NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster.)

- (a) CEH
- (b) TVY
- (c) PQT
- (d) LNQ

Ans.(c)

Q132. When the integer n is divided by 5, the remainder is 3. What is the remainder if $6n$ is divided by 5?

- (a) 2
- (b) 1
- (c) 3
- (d) 0

Ans.(c)

Q133. The speed of a boat in still water is 12 km/h, and the speed of the stream is 3 km/h. A man goes to a place by boat, 45 km and comes back to the starting point. Find the total time taken by him.

- (a) 9 hours
- (b) 6 hours
- (c) 8 hours
- (d) 7 hours

Ans.(c)

Q134. The weights of the five friends are 67 kg, 85 kg, 70 kg, 90 kg, and 103 kg. Find the average of their weights in kg.

- (a) 83
- (b) 87
- (c) 80
- (d) 90

Ans.(a)

Q135. Simplify $4\frac{1}{4} \times 4\frac{1}{4} - 2 \times 4\frac{1}{4} \times \frac{1}{4} + \frac{1}{4} \times \frac{1}{4}$

- (a) 64
- (b) 32
- (c) 4
- (d) 16

Ans.(d)

Q136. Find the mean proportional between 25 and 81.

- (a) 36
- (b) 12
- (c) 45
- (d) 81

Ans.(c)

Q137. In an election a candidate secured 47% of the votes and lost to his only opponent by 276 votes. Find the total number of votes polled.

- (a) 4000
- (b) 4200
- (c) 4600
- (d) 3800

Ans.(c)

Q138. R can finish a work in 6 days if he works 10 hours a day. S can finish it in 5 days if he works 8 hours a day. If both start a work and work daily for 6 hours, the work will be finished in ____ days.

- (a) 3
- (b) 4
- (c) 5
- (d) 6

Ans.(b)

Q139. Pradeep sells two fans at Rs. 480 each and by doing so he gains 20% on one fan and loses 20% on the other. His loss on the whole (in Rs.) is:

- (a) 30
- (b) 10
- (c) 20
- (d) 40

Ans.(d)

Q140. The sum of the ages of a man and his son is 68 years. After 5 years. the age of man will be five times the age of his son. The present age of the son is:

- (a) 8 years
- (b) 9 years
- (c) 7 years
- (d) 10 years

Ans.(a)

Q141. Select the INCORRECTLY spelt word.

- (a) Admonish
- (b) Agravate
- (c) Assertion
- (d) Accumulate

Ans.(b)

Q142. Rearrange the parts of the sentence in correct order.

The climate change conference

P. global leaders to discuss

Q brought together

R. solutions to the pressing environmental

S. issues our planet is facing

- (a) RSPQ

- (b) PRQS
- (c) QSRP
- (d) QPRS

Ans.(d)

Q143. Select the most appropriate option to substitute the highlighted segment in the given sentence.
If there is no need to substitute it, select 'No substitution required'.

The missing child was discovered in lower Maryland a few days later.

- (a) little days later
- (b) a lot of days later
- (c) No substitution required
- (d) few day later

Ans.(c)

Q144. Select the most appropriate option to fill in the blank.

Today, your presentation was _____ better than Saba's presentation.

- (a) more
- (b) many
- (c) most
- (d) much

Ans.(d)

Q145. Which of the following is the ceremonial tradition of laying the food items during meals?

- (a) Zardozi
- (b) Chikankari
- (c) Dastarkhwan
- (d) Kharija

Ans.(c)

Q146. UNICEF Day is observed on which day annually across the globe?

- (a) December 9
- (b) December 10
- (c) December 11
- (d) December 8

Ans.(c)

Q147. Which of the following book is not written by Salman Khurshid?

- (a) An Era of darkness: The British India
- (b) At Home in India: The Muslim Saga
- (c) Sons of Babur: A Play in Search of India
- (d) The Other Side of the Mountain

Ans.(a)

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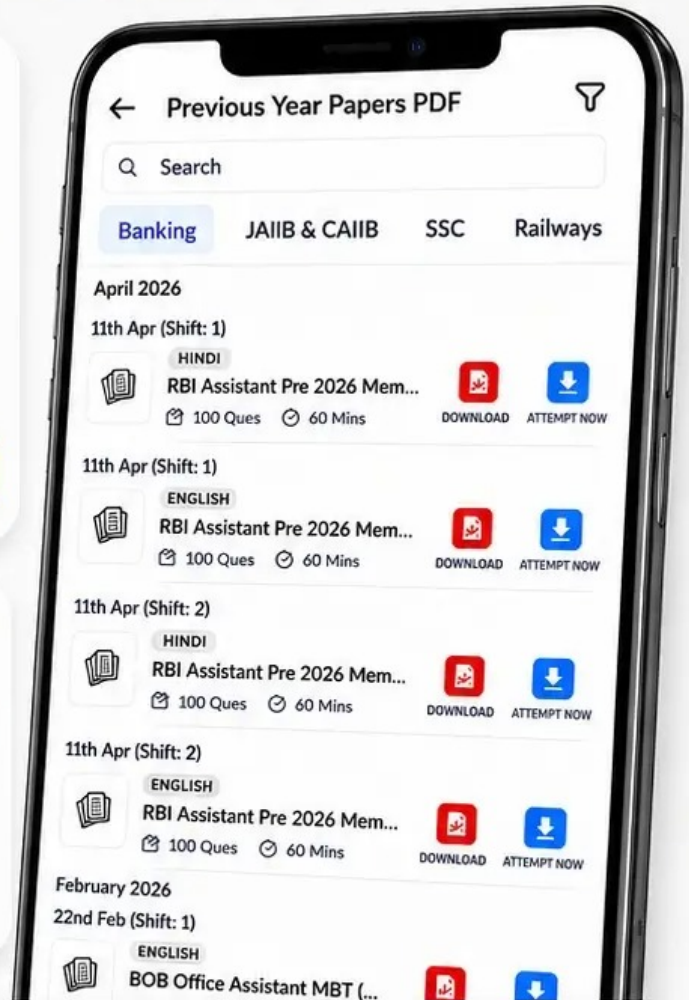
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Q148. Who won the men's doubles title at the Badminton Asia Championship 2023 held in Dubai, UAE?

- (a) Teo Ee Yi and Ong Yew Sin
- (b) Chirag Shetty and Satwiksairaj Rankireddy
- (c) Dinesh Khanna
- (d) None of the above

Ans.(b)

Q149. What is the 'SAMARTH' Campaign launched by Union Minister Giriraj Singh aimed at promoting?

- (a) Digital Transactions in urban areas
- (b) Digital Transactions in 50000 Gram Panchayats
- (c) Access to credit for Self-Help Groups (SHGs)
- (d) Women empowerment in urban areas

Ans.(b)

Q150. What is the theme for World Food Day 2023?

- (a) Sustainable Farming for a Greener Future
- (b) Healthy Diets for a Zero Hunger World
- (c) Technology Advancements in Agriculture
- (d) Water is life, water is food. Leave no one behind

Ans.(d)

