

MODEL TEST PAPER
GLA University, Mathura
For B.Sc. (Agriculture)

- Q.1. Who among the following is called father of genetics?
(a) Mendel
(b) Lamarck
(c) Charles Darwin
(d) De Varies
- Q.2. The genetic information is encoded in the
(a) Protein
(b) DNA
(c) Enzymes
(d) RNA
- Q.3. Green algae is
(a) Bacteria
(b) Fungi
(c) Fish
(d) Algae
- Q.4. Indian Council of Agricultural Research (ICAR) is in
(a) New Delhi
(b) Calcutta
(c) Mumbai
(d) Lucknow
- Q.5. Carpel's in flowers are
(a) Male part
(b) Female part
(c) Both A + B
(d) None of these
- Q.6. Functional unit of lungs is
(a) Nephron
(b) Neuron
(c) Alveoli
(d) Quiver Cell
- Q.7. Stored food in potato is
(a) Sucrose
(b) Glucose
(c) Foreclose
(d) Starch
- Q.8. Which of the following is a monosaccharide?
(a) Starch
(b) Cellulose
(c) Glycogen
(d) Glucose
- Q.9. Which of the following is caused by fungus?
(a) Powdery mildew
(b) Rice blast
(c) Downey mildews
(d) All of these
- Q.10. Langra banarsi is a variety of
(a) Grape
(b) Papaya
(c) Mango
(d) Apple
- Q.11. Which of the following is the largest fertilizer producer in India?
(a) Coromande International Ltd.
(b) Indian Farmers Fertilizer Corporation Ltd.
(c) Gujarat State Fertilizers & Chemicals Ltd.
(d) Rashtriya Chemicals & Fertilizers Ltd
- Q.12. Streptomycin acts on-
(a) Cell wall
(b) RNA
(c) Cell membrane
(d) Ribosome's
- Q.13. Which gas is released during respiration?
(a) CO₂
(b) H₂S
(c) CH₄
(d) NH₃
- Q.14. During respiration Oxygen is required in?
(a) Glycolyses
(b) Krebs's cycle
(c) Both (A + B)
(d) None of these
- Q.15. Enzymes are?
(a) Bio catalyst
(b) Hormones
(c) Inorganic catalyst
(d) Nucleic acid
- Q.16. Urea is a
(a) Compost

- (b) Fertilizer
- (c) Organic manure
- (d) All
- Q.17. Which is the top rice producing state is India in 2017-18?
- (a) U.P.
- (b) Punjab
- (c) Haryana
- (d) M.P
- Q.18. Which is the best soil for wheat cultivation?
- (a) Silt
- (b) Loam
- (c) Clay
- (d) Black
- Q.19. Agronomy is a branch of Agriculture that diseases with
- (a) Breeding of crop plants
- (b) Principles of field management
- (c) Principles and practice of crop production
- (d) Protection of crops from Diseases and Pests
- Q.20. Chlorophyll pigment in plants is not required for
- (a) Photosynthesis
- (b) Respiration
- (c) A + B
- (d) None
- Q.21. Human RBCs respire
- (a) Anaerobically
- (b) Aerobically
- (c) Both
- (d) None
- Q.22. Central Nervous system of man includes
- (a) Brain
- (b) Spinal Cord
- (c) Both
- (d) None
- Q.23. PUSA Institute is located
- (a) New Delhi
- (b) Hyderabad
- (c) Luck now
- (d) Goa
- Q.24. Rabi crops does not include
- (a) Wheat
- (b) Mustard
- (c) Sugar Cane
- (d) Rice
- Q.25. Stem shows tropism towards
- (a) Light
- (b) Soil
- (c) Temperature
- (d) All of these
- Q.26. The genetic information in viruses is encoded in the
- (a) RNA
- (b) DNA
- (c) Both
- (d) Proteins
- Q.27. Smuts of wheat in caused by
- (a) Bacteria
- (b) Fungus
- (c) Nematodes
- (d) Virus
- Q.28. RR21 is a variety of-
- (a) Wheat
- (b) Barley
- (c) Maize
- (d) Rice
- Q.29. Which gas is biogas?
- (a) CO₂
- (b) H₂S
- (c) CH₄
- (d) NH₃
- Q.30. Chlorophyll pigment is present
- (a) Leaves
- (a) Young stem
- (a) Both
- (a) Root Hairs
- Q.31. Among Indian States, which state has the highest yield (per hectare) of rice?
- West Bengal
- Uttar Pradesh
- Haryana
- Punjab
- Q.32. Which one of the following substances is a herbicide?

- Chlorpyrifos
- Carbendazim
- Quinolphos
- Butachlor
- Q.33. Which of the following is not an important characteristic of the Green Revolution ?
- Mechanized agriculture
- Hybrid seeds
- Slash and burn
- Monoculture
- Q.34. Crop logging is a method of -
- (a) Soil fertility evaluation
- (b) Plant analysis for assessing the requirement of nutrients for crop production
- (c) Assessing crop damage
- (d) Testing suitability of fertilisers
- Q.35. Seed that is changed every year is known as -
- (a) Breeder seed
- (b) Certified seed
- (c) Foundation seed
- (d) Hybrid seed
- Q.36. The gas which emits for rice field is -
- (a) Ethane
- (b) Methane
- (c) Nitrogen
- (d) All of the above
- Q.37. 'Dapog' method of rice nursery was developed in -
- (a) China
- (b) Indonesia
- (c) Japan
- (d) Philippines
- Q.38. First dwarf rice variety developed in India was -
- (a) IR-8
- (b) Jaya
- (c) Padma
- (d) Ratna
- Q.39. The first transgenic crop was -
- (a) Pea
- (b) Rice
- (c) Tobacco
- (d) Cotton
- Q.40. Which of the following fruits is not a nut?
- (a) Coconut
- (b) Litchi
- (c) Betel nut
- (d) Groundnut
- Q.41. Black soils is ideal for cultivation of cotton as -
- (a) its colour is black
- (b) it can retain moisture
- (c) it is made up of lava
- (d) it is found on plateau regions
- Q.42. 'Small Farmers' are those whose landholdings are -
- (a) above five hectare
- (b) below one hectare
- (c) between four to ten hectare
- (d) between one to two hectare
- Q.43. Which of the following is not a nitrogenous fertilizer?
- (a) Ammonium Sulphate
- (b) Urea
- (c) Ammonium Nitrate
- (d) Super phosphate
- Q.44. Which of the following green manure crops contains highest amount of nitrogen?
- (a) Dhaincha
- (b) Sunnhemp
- (c) Cowpea
- (d) Guar
- Q.45. Sugarcane crops are examples of which type of cropping?
- (a) Ratoon
- (b) Multiple
- (c) Mixed
- (d) Parallel
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