

BIOLOGY

- Q1. The process of Transcription is involved in the ?**
- (a) Conversation of RNA & DNA
 - (b) Movement of RNA from nucleus
 - (c) Formation of RNA & DNA
 - (d) None of these
- Q2. Persons who received Nobel Prize for their work on green plants are**
- (a) Carsan & Van – U.San
 - (b) Calvin & Borlang
 - (c) Beadle & Tcrick
 - (d) None of these
- Q3. Genes are made of**
- (a) Hristones
 - (b) Poly nucleotides
 - (c) Hydrocarbon
 - (d) Lipoproteins
- Q4. The cell membrane is made of**
- (a) Phospho Proteins
 - (b) Proteins
 - (c) Phospholipid Proteins
 - (d) None of these
- Q5. Which of the following diseases are sex – linked**
- (a) Maliganancy
 - (b) Levnemia
 - (c) Blood ness
 - (d) Hepatitis
- Q6. Which vitamin deficiency caused the cracking of lips of the patient at corner ?**
- (a) Vitamin A
 - (b) Vitamin C
 - (c) Vitamin B₂
 - (d) None of these
- Q7. What is weed ?**
- (a) Unwanted plant along with crops
 - (b) The root protein of the plants
 - (c) The disease cause to plants
 - (d) None of these
- Q8. The protein part of an enzyme is termed as**
- (a) Holoenzyme
 - (b) Ribosome
 - (c) Prostetic group
 - (d) Apoenzyme

- Q9. Fungi resemble human beings in**
- (a) Their mode of nutrition
 - (b) Their requirement of oxygen for respiration
 - (c) Their stored food
 - (d) All of the above
- Q10. Quinine is obtained from**
- (a) Roots of Ravoltia Serpentine
 - (b) Bark of Cinchona
 - (c) Stigmas of Crocus
 - (d) None of these
- Q11. The first event in Photosynthesis is**
- (a) Photolysis of water
 - (b) Release of water
 - (c) Formation of ATP & NADPH
 - (d) Photoexcitation of Chlorophyll & ejection of an electron
- Q12. Plants are made disease resistance by**
- (a) Crossing them with their wild relatives
 - (b) Crossing them with new varieties
 - (c) Giving x – rays in restricted doses
 - (d) None of these
- Q13. The total number of Amino acids in natural is**
- (a) 20
 - (b) 25
 - (c) 30
 - (d) 200
- Q14. Protein catalysts of chemical reactions in biological systems are**
- (a) Hormones
 - (b) Enzymes
 - (c) Vitamins
 - (d) Both Harmones & enzymes
- Q15. Carbohydrates may be defined chemically as**
- (a) Aldehyde or Ketone derivatives of the polyhedric alcohols
 - (b) Compounds which yield as are derivatives on Hydrolysis
 - (c) Both a & b
 - (d) None of these
- Q16. Lipids are important dietary constituents because of**
- (a) High energy volume
 - (b) Fat – soluble vitamins
 - (c) Essential fatty acids
 - (d) All of the above

- Q17. Which of the following crops would require minimum quantity of urea of NPK for its growth**
- (a) Sugarcane (b) Paddy
(c) Groundnut (d) Black – gram
- Q18. Which of the following are non – biogradable**
- (a) Egg shell
(b) Butter
(c) Detergents
(d) Leather
- Q19. Symptoms of food poisoning**
- (a) Nausea & abdominal pain
(b) Head & body etching
(c) Loose motion
(d) All of the above
- Q20. A doctor noticed that the patient is pale & loosing weight with tiredness physically. What is its cause ?**
- (a) This disease is due to Iron deficiency & Vitamin B₁₂
(b) This disease is due to deficiency of Vitamin C
(c) This disease is due to deficiency of Vitamin D & E
(d) All of the these
- Q21. Spiracles of cockroach is known as**
- (a) 2 pairs
(b) 8 pairs
(c) 10 pairs
(d) None of these
- Q22. Benign tertian liver in man is caused**
- (a) P. Vivax
(b) P – malaria
(c) P. Faclic prumbra
(d) P. ovale
- Q23. Water balance in fresh water protozoans is maintained by**
- (a) Food vacuoles
(b) Diffusion
(c) Nucleus
(d) Contractile Vacuoles
- Q24. Which is the most widely accepted theory of locomotion in Amoeba ?**
- (a) Sol – gel theory
(b) Rolling movement theory
(c) Walking movement theory
(d) None of these

Q25. Urea is produced in the body of man in a

- (a) Kidney
- (b) Urinary bladder
- (c) Liver
- (d) Blood

Q26. Rabbit is classified as a mammal because it posses

- (a) Mammary glands & hair & pinna
- (b) Mammary glands, hair, pinna & cochlea
- (c) Hair, pinna, cochlea & teeth
- (d) None of these

Q27. In Kidney, glucose is mainly absorbed in the

- (a) Bowman's capsule
- (b) Distal Convoluted tubule
- (c) Loop of Henle
- (d) Proximal convoluted tubule

Q28. What will happen to the body of an adult human being if spleen is removed ?

- (a) RBC production will be reduced
- (b) Antibody production will less
- (c) WBC production lowered
- (d) Filtration of dead RBC will not be possible

Q29. Malignant fever is caused by speci

- (a) Vivax
- (b) Malaria
- (c) Ovale
- (d) Falciparum

Q30. Malaria is transmitted by

- (a) Male anopheles
- (b) Female anopheles
- (c) Anopheles
- (d) Mosquitoes

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