

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

Ans. (c)

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

Ans. (b)

Q3. Genes are made of

- (a) Hristones
- (b) Poly nucleotides
- (c) Hydrocarbon
- (d) Lipoproteins

Ans. (b)

Q4. The cell membrane is made of

- (a) Phospho Proteins
- (b) Proteins
- (c) Phospholipid Proteins
- (d) None of these

Ans. (c)

Q5. Which of the following diseases are sex – linked

- (a) Maliganancy
- (b) Levnemia
- (c) Blood ness
- (d) Hepatitis

Ans. (c)

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

Ans. (c)

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

Ans. (a)

Q8. The protein part of an enzyme is termed as

- (a) Holoenzyme
- (b) Ribosome
- (c) Prostetic group
- (d) Apoenzyme

Ans. (d)

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

Ans. (d)

Q10. Quinine is obtained from

- (a) Roots of Ravoltia Serpentine
- (b) Bark of Cinchona
- (c) Stigmas of Crocus
- (d) None of these

Ans. (b)

Q11. The first event in Photosynthesis is

- (a) Photolysis of water
- (b) Release of water
- (c) Formation of ATP & NADPH
- (d) Photoexitation of Chlorophyll & ejection of an electron

Ans. (d)

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

Ans. (a)

Q13. The total number of Amino acids in natural is

- (a) 20
- (b) 25
- (c) 30
- (d) 200

Ans. (d)

Q14. Protein catalysts of chemical reactions in biological systems are

- (a) Hormones
- (b) Enzymes
- (c) Vitamins
- (d) Both Harmones & enzymes

Ans. (b)

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

Ans. (a)

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

Ans. (d)

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

Ans. (d)

Q18. Which of the following are non – biogradable

- (a) Egg shell
- (b) Butter
- (c) Detergents
- (d) Leather

Ans. (c)

Q19. Symptoms of food poisoning

- (a) Nausea & abdominal pain
- (b) Head & body itching
- (c) Loose motion
- (d) All of the above

Ans. (a)

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

Ans. (a)

Q21. Spiracles of cockroach is known as

- (a) 2 pairs
- (b) 8 pairs
- (c) 10 pairs
- (d) None of these

Ans. (c)

Q22. Benign tertian liver in man is caused

- (a) P. Vivax
- (b) P – malaria
- (c) P. Faclic prumbra
- (d) P. ovale

Ans. (a)

Q23. Water balance in fresh water protozoans is maintained by

- (a) Food vacuoles
- (b) Diffusion
- (c) Nucleus
- (d) Contractile Vacuoles

Ans. (d)

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

Ans. (b)

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

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

Ans. (c)

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

Ans. (a)

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

Ans. (d)

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

Ans. (d)

Q29. Malignant fever is caused by speci

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

Ans. (d)

Q30. Malaria is transmitted by

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

Ans. (b)