



Entry Test Sample for BS Zoology Programme

Total Question: 30

Total Marks: 30

Time Allowed: 30 min

Note: Please click the correct answer from the given choices

1 Cell membrane is made up of

- a) Lipid layer & Carbohydrate
- b) Lipid bilayer & Protein
- c) Protein
- d) Carbohydrate

2 Exoskeleton of different arthropods is known as.....

- a) Cellulose
- b) Chitin
- c) Scales
- d) Integument

3 Most of the enzymes are ----- in nature.

- a) Lipids
- b) Carbohydrates
- c) Protein
- d) Minerals

4 Mitochondria plays role in

- a) Digestion
- b) Energy production
- c) Cell secretion
- d) Packaging

5 The study of insect is called

- a) Protozoology
- b) Nematology
- c) Entomology

d) Mycology

6) In arthropods, periodically shedding of exoskeleton is called

- a) Ecdysis
- b) Sclerotization
- c) Metamorphosis
- d) Maturation

7) Nematodes commonly known as

- a) Round worms
- b) Flat worms
- c) Tape worms
- d) Crown worm

8) The protein synthesis occurs in

- a) Mitochondria
- b) Endoplasmic reticulum
- c) Ribosomes
- d) Acrosome

9) The number of chromosomes in human body is

- a) 42
- b) 44
- c) 46
- d) 48

10) Most highly intelligent mammals are

- a) Whales
- b) Dolphins
- c) Elephants
- d) Kangaroos

11) Ornithology is the study of

- a) Bones
- b) Birds
- c) Tissues
- d) Cell

12) Bats can fly in the dark because.....

- a) They have a better vision in the dark
- b) The pupils of their eyes are very big
- c) They are guided by ultrasonic waves produced by them
- d) Any bird can do so

- 13) Which vitamin is provided by the Sunlight to the human body.....
- a) A
 - b) B
 - c) C
 - d) D
- 14) Blood is formed in the human adult by the.....
- a) Heart
 - b) Spleen
 - c) Bone marrow
 - d) Intestine
- 15) Malfunctioning of which of the following organs causes jaundice.....
- a) Stomach
 - b) Pancreas
 - c) Liver
 - d) Kidney
- 16) Insulin controls the metabolism of
- a) Sugars
 - b) Fats
 - c) Proteins
 - d) Salts
- 17) The blood pressure of a young male human being is
- a) 110/70
 - b) 120/80
 - c) 135/90
 - d) 140/100
- 18) Dialysis is used in the case of the patients suffering from.....
- a) Heart disease
 - b) Kidney disease
 - c) Respiratory disease
 - d) Neurology disease
- 19) The universal donor blood group is.....
- a) A
 - b) O
 - c) AB
 - d) B
- 20) Mumps is a disease caused by.....
- a) Fungus
 - b) Bacterium

- c) Virus
- d) Protozoa

21) Oxygen in our blood is transported by a protein named

- a) Haemoglobin
- b) Keratin
- c) Collagen
- d) Myoglobin

22) The radioactive isotope of hydrogen is called.....

- a) Tritium
- b) Deuterium
- c) Protium
- d) Ortho-hydrogen

23) All of the following substances are crystalline except.....

- a) Ice
- b) Diamond
- c) Sucrose
- d) Plastic

24) Fats and oils are example of

- a) Proteins
- b) Vitamin
- c) Lipids
- d) Carbohydrates

25) The most abundant element in the universe is.....

- a) Hydrogen
- b) Oxygen
- c) Carbon dioxide
- d) Silicon

26) The substance which increases the rate of chemical reaction is.....

- a) Metal
- b) Catalyst
- c) Alloy
- d) Enzymes

27) pH is an abbreviation for.....

- a) Power of Hydrogen
- b) Possibility of Hydrogen
- c) Population of Hydrogen
- d) Position of Hydrogen

28) Hydrogen bomb is based on the principle of

- a) Nuclear Fission
- b) Nuclear Fusion
- c) Natural Radioactivity
- d) Artificial Radioactivity

29) Chromatography is used to separate

- a) Solution
- b) Mixtures
- c) Molecules
- d) Atoms

30) Which one of the following is not a mixture.....

- a) Air
- b) Mercury
- c) Milk
- d) Cement