

General Science Model Test Questions 11 With Answers [Zoology - 5]

1. Haemophilia is caused by
(A) Bacteria (B) Fungus (C) Virus **(D) Mutant gene**
2. Vitamin E deficiency causes
(A) Anaemia (B) Rickets (C) Night blindness **(D) Sterility**
3. The head of earthworm is
(A) Pointed (B) Blunt (C) With eyes **(D) Absent**
4. The body of earthworm is divided into uniform segments. This is called
(A) Coelom **(B) Metamerism** (C) Annelida (D) Excretion
5. Why do snakes not close their eyes during sleeping?
(A) They live in soil (B) They expect danger
(C) They have thick eyelids **(D) They do not have eyelids**
6. Rabies is
(A) Hydrophobia (B) Hydrophilia (C) Hygrophobia (D) Hygrophilia
7. Who discovered the circulatory system of man?
(A) William Harvey (B) Robert Hook
(C) Robert brown (D) Landsteiner
8. Which of the following glands in the human body is popularly called 'Adam's apple'?
(A) Adrenal (B) Liver **(C) Thyroid** (D) Thymus
9. The most predominant nitrogenous excretory product among bird is
(A) Urea **(B) Uric acid** (C) Ammonia (D) All of these
10. In man average weight of heart is
(A) About 310 grams (B) About 320 grams
(C) About 330 grams (D) About 340 grams
11. Match list-I with list-II correctly and select your answer using the codes given below:

List-I

List-II

- | | |
|---------------------|--------------|
| (a) Beriberi | 1. Vitamin A |
| (b) Scurvy | 2. Vitamin B |
| (c) Rickets | 3. Vitamin C |
| (d) Night blindness | 4. Vitamin D |

Codes:

	a	b	c	d
(A)	3	2	1	4
(B)	2	1	3	4
(C)	2	3	4	1
(D)	2	3	1	4

12. Largest known vertebrate is
 (A) Shark (B) Anaconda **(C) Whale** (D) Elephant
13. The physical basis of life is
 (A) Nucleus **(B) Cell** (C) Protoplasm (D) Food
14. Human cell has
 (A) 21 pairs of chromosomes (B) 22 pairs of chromosomes
(C) 23 pairs of chromosomes (D) 24 pairs of chromosomes
15. Which one of the following organisms is required for the preparation of alcohol?
 (A) Protozoa (B) Fungi **(C) Bacteria** (D) Viruses
16. Human fertilized egg is implanted in the uterus on the
 (A) 10th day **(B) 8th day** (C) 6th day (D) 4th day
17. Which of the following is most important for the growth of children up to the age of 14?
(A) Protein (B) Vitamin (C) Fat (D) Milk
18. All of the following foods lack Vitamin C except
 (A) Cheese **(B) Milk** (C) Meat (D) Rice
19. Mutation can be induced by
 (A) Temperature (B) Chemicals (C) Radiation **(D) All of these**
20. Coenzymes are mostly derived from

- (A) Vitamin A (B) Vitamin K
(C) Haemoglobin (D) **Vitamin B Complex**

21. Red blood corpuscles are formed in the
(A) Liver (B) **Bone marrow** (C) Kidneys (D) Pancreas
22. In the eye, color vision is affected by the presence of
(A) Choroid coat (B) Sclerotic coat (C) Rods (D) **Cones**
23. Excessive consumption of alcoholic drinks causes damage to the
(A) Liver (B) Kidneys (C) Heart (D) Lungs
24. Match list-I with list-II correctly and select your answer using the codes given below:

- | | |
|---------------|-------------|
| List-I | List-II |
| (a) Cataract | 1. Bones |
| (b) Jaundice | 2. Eyes |
| (c) Diabetes | 3. Liver |
| (d) Arthritis | 4. Pancreas |

Codes:

- | | | | | |
|------------|---|---|---|---|
| | a | b | c | d |
| (A) | 2 | 3 | 4 | 1 |
| (B) | 2 | 3 | 1 | 4 |
| (C) | 1 | 3 | 4 | 2 |
| (D) | 3 | 2 | 4 | 1 |

25. What is gene?
(A) A medicine to overcome old age (B) The smallest living organism
(C) An elementary unit of heredity (D) None of these
26. Snakes and lizards are ----- animals
(A) Warm blooded (B) **Cold blooded**
(C) Both (A) and (B) (D) None of these
27. Which is the "power house of the cell"
(A) Nucleus (B) **Mitochondria** (C) Ribosome (D) Centrosome

28. The average length of human pregnancy is
(A) 34 – 36 weeks **(B) 36 - 38 weeks** (C) 38 – 40 weeks (D) 34 – 40 weeks
29. Homo erectus is the scientific name of
(A) Java man **(B) Peking man** (C) African man (D) None of these
30. Which of the following is sex linked character?
(A) Anaemia (B) Cretinism **(C) Colour blindness** (D) Tuberculosis
31. Silver fish is
(A) An insect (B) A fish
(C) A fish made of silver (D) A term used in politics
32. Animals do not enzyme systems which enable them to make use of the energy from
(A) Fat (B) Water (C) Protein **(D) Carbohydrates**
33. In man, the salivary glands are
(A) 1 pair (B) 2 pair **(C) 3 pair** (D) 4 pair
34. The metal present in Haemoglobin is
(A) Sodium (B) Magnesium (C) Calcium **(D) Iron**
35. Normal blood pressure is
(A) 120/80 (B) 150/80 (C) 120/60 (D) 80/80
36. Heart patients should avoid taking excess of
(A) Proteins **(B) Carbohydrates** (C) Vitamin C (D) Iodine
37. Which of the following is incorrectly matched?
(A) Penicillin - Fleming
(B) Vaccination - Pasteur
(C) Blood circulation - Harvey
(D) Theory of evolution - Charles Darwin
38. The volume of urine produced in an adult Human every 24 hours is
(A) 1.0 litre **(B) 1.5 litres** (C) 3.0 litres (D) 5.0 litres

39. In case of cardiac arrest what should be the most primary step?
(A) Mouth to mouth respiration **(B) Cardiac massage**
(C) Call a doctor (D) None of these
40. The total number of human ear bones is
(A) 2 (B) 4 **(C) 6** (D) 8
41. Menopause usually occurs between
(A) 30 – 35 years (B) 35 – 40 years (C) 40 – 45 years **(D) 45 – 50 years**
42. We lose consciousness, if blood flow to the brain is cut off more than
(A) 2 secs **(B) 5 secs** (C) 15 secs (D) 300 secs
43. Orange is a source of
(A) Proteins (B) Carbohydrates **(C) Vitamin C** (D) Iodine
44. Which of the following is a vitamin?
(A) Insulin (B) Adrenaline **(C) Riboflavin** (D) Keratin
45. Pyorrhoea is a disease of the
(A) Nose **(B) Gums** (C) Heart (D) Lungs
46. The hormone which regulates "Blood Pressure" is
(A) Thyroxine (B) Insulin (C) Pituitrin (D) Adrenaline
47. In man, kidney stone is formed by the deposition of
(A) Potassium hydrogen oxalate (B) Oxalic acid
(C) Calcium oxalate (D) Ammonium oxalate
48. How many pairs of chromosomes are present in man?
(A) 23 (B) 46 (C) 48 (D) 20
49. The vitamin which is generally excreted by humans in urine is
(A) Vitamin A (B) Vitamin D (C) Vitamin C **(D) None of these**
50. Blood is formed in the human adult by the
(A) Heart (B) Spleen **(C) Red bone marrow** (D) Yellow bone marrow

51. The animal which excretes uric acid is known as
(A) Ureotelic **(B) Uricotelic** (C) Ammoniotelic (D) All of these
52. Consider the following statements :
Assertion (A) : Infection stage *Plasmodium* sp. is introduced in man by anophelous mosquitoes.
Reason (R) : All blood-borne diseases of man are caused by mosquito-bites.
Of the statements :
(A) Both (A) and (R) are true and (R) is the correct explanation of (A)
(B) Both (A) and (R) are true but (R) is not the correct explanation of (A)
(C) (A) is true, but (R) is false
(D) (A) is false, but (R) is true
53. Which one is wrongly matched?
(A) Charles Darwin - **Father of genetics**
(B) Watson and Crick - Double helix of DNA
(C) Robert Brown - Nucleus
(D) Robert Hook - Cell
54. Which one of the following diseases is not waterborne?
(A) Cholera **(B) Influenza** (C) Amoebiasis (D) Typhoid
55. All the following are vertebrate except
(A) Bat (B) Turtle **(C) Starfish** (D) Pigeon
56. Animal living at the bottom of sea lake is called
(A) Necton **(B) Benthos** (C) Plankton (D) Pelagic
57. The gestation period of camel is
(A) 280 to 300 days (B) 320 to 350 days (C) 365 to 400 days **(D) 425 to 440 days**
58. Lamarckian theory deals with
(A) Mutations **(B) Acquired characters**
(C) Germplasm (D) Struggle for existence
59. Sexually reproducing organisms contribute to their offspring

- (A) Half of their genes (B) All the genes
(C) Quarter of their genes (D) Double the number of their genes
60. Anaerobic respiration may occur in the
(A) Presence of oxygen (B) Absence of oxygen
(C) Both (A) and (B) (D) None of these
61. The enzyme pepsin digests
(A) Starch (B) Sugar (C) Protein (D) Fat
62. Heredity is the transmission of physical and mental traits
(A) From parents to offspring through basic units called genes
(B) People inherit characters from their children
(C) Parents transmit their good characters to their children
(D) The transport of characters from one generation to another
63. All of the following foods lack vitamin C, except
(A) Cheese (B) Milk (C) Meat (D) Rice
64. Automobile air pollution is due to
(A) Nitrogen and oxygen (B) Oxygen
(C) Nitrogen (D) Carbon dioxide and carbon monoxide
65. The yellow colour of vertebrate urine is due to the presence of
(A) Bile salts (B) Urochrome (C) uric acid (D) Melanin
66. Body builders are
(A) Protein (B) Carbohydrate (C) Glucose (D) Fat
67. The total organic matter present in an ecosystem is referred to as
(A) Biomass (B) Biosphere (C) Biome (D) Biocoenosis
68. Which one of the following is correctly matched?
(A) Vitamin A - UV rays
(B) Vitamin B complex - Orange

- (C) Vitamin C - Carrot
- (D) Vitamin D - Sunlight**
69. The largest part of the human brain is
- (A) Medulla oblongata (B) **Cerebrum**
- (C) Cerebellum (D) None of these
70. Dialysis is used for the treatment of
- (A) Kidney failure** (B) Heart weakness (C) Brain diseases (D) None of these
71. Which one of the following organisms belongs to phylum annelids?
- (A) Frog (B) **Earthworm** (C) Housefly (D) Crow
72. Epoxy resins are used as
- (A) Insecticides (B) Moth repellants (C) **Adhesive** (D) Detergents
73. Sinu-auricular node (S.A.node) of mammalian heart is known as
- (A) Pace-maker** (B) Beat regulator (C) Time controller (D) Auto regulator
74. The heart of human embryo starts beating
- (A) In the first week of its development (B) **In the third week of its development**
- (C) In the fourth week of its development (D) In the sixth week of its development
75. Which one of the following bone articulations forms the gliding joint?
- (A) Carpals** (B) Skull and neck vertebrae
- (C) Humerus (D) Radius and hip girdle
76. Normal blood pressure in man is
- (A) 120/70 mm Hg (B) 110/90 mm Hg (C) 130/80 mm Hg (D) **120/80 mm Hg**
77. Deficiency of iron causes
- (A) Leukemia (B) **Anaemia** (C) Polycythemia (D) Leucopenia
78. A deficiency in the secretion of thyroid gland leads to
- (A) Sluggishness and growth retardation
- (B) High blood pressure

(C) Delayed development of secondary sex characteristics

(D) Defective carbohydrate metabolism

79. The stone in human kidney contains mainly

(A) Calcium carbonate

(B) Calcium oxalate

(C) Sodium sulphate

(D) Calcium phosphate

80. Machine polished rice is responsible for

(A) Xerophthalmia

(B) Beriberi

(C) Rickets

(D) Scurvy

81. The enzyme rennin acts on

(A) Cellulose

(B) Amylose

(C) Caseinogen

(D) Lipids

82. Which is an egg laying mammal?

(A) Kangaroo

(B) Whale

(C) Platypus

(D) Rhinoceros

83. For coagulation of blood, which vitamin is needed?

(A) B

(B) C

(C) R

(D) K

84. Dialysis is performed on patients suffering from

(A) Heart disease

(B) Lung disorder

(C) Ulcer

(D) Kidney failure

85. The enzyme in human saliva is

(A) Erepsin

(B) Ptyalin

(C) Amylase

(D) Maltase

86. Consider the following statements :

Rat is a mammal because

I. It is a warm blooded animal

II. Body is covered by hair

III. Heart consists of 4 chambers

IV. Of the presence of sweat gland

Of these statements :

(A) I and II are correct

(B) All are correct

(C) All are wrong

(D) IV alone is correct

87. Which are necessary for the formation of bones and teeth?

(A) Calcium and phosphorus

(B) Calcium and magnesium

- (C) Sodium and potassium (D) Calcium and sodium
88. At which stage does a silk moth secrete silk of commercial value?
(A) Egg (B) Larva **(C) Cocoon** (D) Adult
89. Mammals are
(A) Warm blooded (B) Cold blooded
(C) Both warm and cold blooded **(D) None of these**
90. Which of the following organisms has no blood but respire?
(A) Cockroach (B) Earthworm **(C) Hydra** (D) Fish
91. The average heart beat per minute in a normal man is
(A) 50 **(B) 70** (C) 80 (D) 100
92. Liver secretes
(A) Bile juice (B) Insulin (C) HCl (D) Pancreatic juice
93. Which one of the following is important for blood clotting?
(A) RBC (B) WBC (C) Basophil **(D) Thrombocyte**
94. Water soluble vitamins are
(A) Vitamin A (B) Vitamin E **(C) Vitamin B complex** (D) Vitamin D
95. Suppose in a balanced green forest the number of tigers was doubled. This would gradually
(A) Increase primary carnivores (B) Increase the biomass of herbivores
(C) Decrease the biomass of herbivores (D) Decrease the biomass of producers
96. If water pollution continues at its present rate, it will eventually
(A) Stop water cycle
(B) Prevent precipitation
(C) Makes O₂ Molecules unavailable to water plants
(D) Make nitrate unavailable to water plants
97. Universal donors are having blood group of
(A) AB group (B) A group (C) B group **(D) O group**

98. How many chambers are present in the stomach of cow?
(A) One (B) Two (C) Three (D) Four

99. Which animal is responsible for brain fever?
(A) Dog (B) Buffalo (C) Pigeon (D) Pig

100. Match list I with list II correctly and select your answer using the codes given below :

- | List – I | | List – II | |
|---------------------|--|----------------------|--|
| (a) Kidney | | 1. Digestion | |
| (b) Plasma membrane | | 2. Protein synthesis | |
| (c) Lysosome | | 3. Bowman’s capsule | |
| (d) Ribosome | | 4. Diffusion | |

Codes :

- | | a | b | c | d |
|-----|---|---|---|---|
| (A) | 3 | 4 | 1 | 2 |
| (B) | 4 | 3 | 2 | 1 |
| (C) | 1 | 2 | 4 | 3 |
| (D) | 3 | 1 | 2 | 4 |