

General Science Model Test Questions 9 With Answers [Zoology - 3]

1. Genetic engineering is
(A) Chromosomal alterations (B) Cytochromosomal alterations
(C) Alteration in gene (D) Test – tube baby

2. Three communicable disease prevalent in developing countries caused by unsafe drinking water and bad sanitation are
(A) Acute diarrhea, cancer and gout **(B) Malaria, diarrhea and schistosomiasis**
(C) Onchocerciasis, leukomiasis, arthritis (D) Rheumatism, malaria and AIDS

3. Which one of the following is mismatched?
(A) Ribosomes - Protein factories (B) Mitochondria - Powerhouses
(C) Lysosomes - Suicidal bags **(D) Centrosomes - Secretion**

4. How many nephrons are present in each kidney of man?
(A) 1 hundred (B) 1 thousand (C) 1 lakh **(D) 1 million**

5. Consider the following statements:
Assertion (A): Malaria is not caused by female Anopheles.
Reason (R): Female Anopheles is only a vector.
Of these 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

6. The hormone responsible for the contraction of uterus muscle during labour is
(A) Pituitary hormone (B) Thyroid hormone
(C) Oxytocin (D) Insulin

7. Sunshine vitamin is
(A) Vitamin A (B) Vitamin B (C) Vitamin C **(D) Vitamin D**

8. Triple antigen protects baby against

19. The significance of meiosis is
(A) Producing haploid condition (B) Doubling the chromosomes
 (C) Multiplication of nucleus (D) None of these
20. An example of a marine amphibian is
(A) Newt (B) Ichthyophis (C) Varanus (D) No example
21. Australopithecus is the fossil of a
 (A) Bird (B) Amphibian (C) Arthropod **(D) Human being**
22. What represents the right order?
(A) Cell – tissue – organ – system – body
 (B) Cell – tissue – system – organ – body
 (C) Body – cell – system – tissue – organ
 (D) System – body – tissue – cell – organ
23. Which one of the following is correctly matched?
 (A) Pellagra - Vitamin D **(B) Night blindness - Vitamin A**
 (C) Bleeding in the gums - Niacin (D) Rickets - Vitamin C
24. Which one of the following is correctly matched?
 (A) Python - Hood (B) Viper - Longest snake
(C) Cobra - Poisonous snake (D) Rat snake - Non – poisonous snake
25. Match list-I with list-II correctly and select your answer using the codes given below:

List-I	List-II
(a) Pituitary glands	1. are seen below the skin
(b) Sweat glands	2. are seen at the base of brain
(c) Salivary glands	3. are seen around the urinary bladder in man
(d) Prostate glands	4. are found in the oral cavity

Codes:

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

- (C) 3 1 4 2
(D) 2 3 1 4

26. Identify the events and place them in order.

- (A) Gametogenesis, cleavage, fertilization, zygote
(B) Zygote, fertilization, cleavage, gametogenesis
(C) Cleavage, zygote, fertilization, gametogenesis
(D) Gametogenesis, fertilization, zygote, cleavage

27. Cyanide kills a person immediately on consumption. This is because

- (A) Cyanide combines with haemoglobin immediately**
(B) Cyanide combines with nerves
(C) Cyanide combines with muscles
(D) Cyanide affects the kidney

28. The excretory organ of earthworm is

- (A) Citellum (B) Gizzard **(C) Nephridium** (D) Spermatheca

29. Birds excrete nitrogenous waste in the form of

- (A) Ammonia (B) Urea (C) Fatty acid **(D) Uric acid**

30. Name the valve present between left auricle and left auricle

- (A) Bicuspid valve** (B) Tricuspid valve (C) Pulmonary valve (D) Sinus valve

31. The nature of Bile juice is

- (A) Acidic **(B) Alkaline** (C) Neutral (D) Salty

32. Which of the following vitamins can cure night blindness?

- (A) Vitamin A** (B) Vitamin B (C) Vitamin C (D) Vitamin D

33. Which of the following blood groups is considered as universal recipient?

- (A) O **(B) AB** (C) A (D) B

34. Name the animal which is used in the study of genetics

- (A) Fruit fly** (B) Glow worm (C) Cockroach (D) Mosquito

35. Radioactive isotopes cause
(A) **Leukaemia** (B) Bronchitis (C) Blindness (D) No health hazards
36. Environment consists of
(A) Biotic components (B) Abiotic components
(C) **Both abiotic and biotic components** (D) None of these
37. In man, thyroid gland is located
(A) In abdomen (B) In pancreas (C) **Under the larynx** (D) In armpit
38. Expansion of HIV virus is
(A) Human Infectious Virus (B) **Human Immuno deficiency Virus**
(C) Human Immuno depressive Virus (D) None of these
39. Male mosquitoes feed on
(A) Human blood (B) **Plant sap** (C) Blood of cattle (D) flesh of animal
40. The blood pressure of a normal man is
(A) 120/100 (B) 100/80 (C) 150/90 (D) **120/80**
41. The clitellar segment of the earth worm consists
(A) 12, 13, 14 and 15 (B) 13, 14, 15 and 16
(C) **14, 15, 16 and 17** (D) 15, 16, 17 and 18
42. Number of heart beat per minute in man is
(A) **72** (B) 67 (C) 58 (D) 90
43. The organism which causes brain fever is
(A) Dog (B) Bacteria (C) Pigeon (D) Pig
- NOTE: Virus
44. The disease caused by dog bite is
(A) Typhoid (B) **Rabies** (C) Fever (D) Heart attack
45. Number of chromosomes responsible for Turner's syndrome is
(A) 46 (B) 48 (C) **45** (D) 60

46. The cell division responsible for the formation of gametes is
 (A) Direct division (B) Indirect division **(C) Meiotic division** (D) Binary division
47. Night – blindness is caused by the deficiency of
 (A) Vitamin C **(B) Vitamin A** (C) Vitamin D (D) Vitamin K
48. Brain fever is spread to man by
 (A) House fly **(B) Mosquito** (C) Water (D) Air
49. Malaria is spread by
 (A) Culex mosquito **(B) Anopheles mosquito (female)**
 (C) Aedes mosquito (D) House fly
50. It is called Farmer’s friend
 (A) Roundworm **(B) Earthworm** (C) Hookworm (D) Pinworm
51. ‘Thermostat of a bird or mammal is in its
 (A) Cerebrum (B) Spinal cord
 (C) Medulla oblongata **(D) Hypothalamus**
52. The organ of the body which is mainly damaged in hepatitis is
 (A) Lungs **(B) Liver** (C) Kidney (D) Brain
53. Match the following using the codes given below:

List-I		List-II	
(a) Kidney		1. Digestion of food material	
(b) Plasma membrane		2. Protein synthesis	
(c) Lysosome		3. Bowman’s capsule	
(d) Ribosome		4. Permeability	

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

54. Ascaris lumbricoides are found in
(A) The intestine of cows (B) The lungs of dogs
(C) The intestine of man (D) The stomach of pig
55. Lamprey is an
(A) Shark (B) Amphibian **(C) Cyclostomata** (D) Insect
56. What is the characteristic feature of RBC in a mammal?
(A) It is without any nucleus (B) It is with one nucleus
(C) It is with nucleolus (D) It is biconvex in outline
57. Collateral glands are found in
(A) Male reproductive system of cockroach
(B) Female reproductive system of cockroach
(C) Female reproductive system of scorpion
(D) Male respiratory system of scorpion
58. Earthworms belong to the phylum
(A) Platyhelminthes (B) Arthropods (C) Mollusca **(D) Annelida**
59. The head region of a tapeworm is called
(A) Scolex (B) Antenna (C) Sucker (D) Mouth
60. Consider the following statements:
An enzyme is a
i) carbohydrate ii) lipid iii) protein
(A) (i) and (ii) are wrong, (iii) is correct
(B) (i) and (ii) are correct, (iii) is wrong
(C) (i) is correct, (ii) and (iii) are wrong
(D) (i) and (iii) are wrong, (ii) is correct
61. How many chambers does a cow's stomach have?
(A) One (B) Two **(C) Three** (D) Four

62. The largest of the living bird
(A) Albatross (B) Elephant bird (C) **Ostrich** (D) Eagle
63. Night blindness is caused by the deficiency of
(A) **Vitamin A** (B) Vitamin C (C) Vitamin D (D) Vitamin B
64. In India people suffer from Anaemia due to the lack of
(A) **Iron** (B) Iodine (C) Calcium (D) Potassium
65. The vitamin responsible for antisterile activity is
(A) Vitamin K (B) **Vitamin E** (C) Vitamin B₁₂ (D) None of these
66. Ambergris is obtained from
(A) Shark (B) Whale (C) **Deer** (D) Cow
67. Of the following which one is poisonous snake?
(A) Eryx Johni (B) Rat snake (C) **Sea snake** (D) Green snake
68. Total number of vertebrate in a human body
(A) 21 (B) **26** (C) 29 (D) 33
69. Total volume of blood in a normal human body
(A) **5 litres** (B) 6 litres (C) 5.6 litres (D) 4.5 litres
70. Which one of the following is not a digestive gland?
(A) Salivary gland (B) Gastric gland (C) **Thyroid gland** (D) Liver
71. Which mineral is essential for the clotting of blood?
(A) Sodium (B) Potassium (C) **Calcium** (D) Iron
72. Oxygen is taken to the different tissues of the body by
(A) **Red blood corpuscles** (B) White blood corpuscles
(C) Lymph (D) Plasma
73. Which one of the following systems helps in the removal of nitrogenous waste?
(A) Digestive system (B) Respiratory system
(C) Sensory system (D) **Excretory system**

74. Which one of the following is responsible of the depletion of ozone?
(A) Pesticides (B) Weedicides
(C) Fertilizers **(D) Smoke emission from the vehicles**
75. The fungal derivative used in the treatment of tuberculosis is
(A) Aspirin **(B) Streptomycin** (C) Anacin (D) Tetracycline
76. Which one of the following regulates respiration in man?
(A) Fore brain (B) Mid brain
(C) Spinal cord **(D) Medulla oblongata**
77. One micron unit of measure of length equals to
(A) 1/10000 cm (B) 1/1000 cm (C) 1/10000 mm **(D) 1/10000 mm**
78. The rate of heartbeat of man at rest per minute varies from
(A) 70 – 78 **(B) 70 – 75** (C) 75 – 78 (D) 78 – 80
79. Vitamin 'K' is seen in abundance in
(A) Fish (B) Mango (C) Raddish **(D) Cabbage**
80. Which one of the following blood vessels contains impure blood?
(A) Hepatic artery (B) Femoral artery
(C) Pulmonary artery (D) Renal artery
81. Which one of the following is not correctly matched?
(A) Lymphocytes - Body protection (B) Gametes - Reproduction
(C) R.B.C. - Respiration **(D) Blood platelets - Digestion**
82. Electro – cardiogram records the functions of which body part?
(A) Heart (B) Lungs (C) Kidney (D) Liver
83. Which cells form the nervous system?
(A) Nephrons (B) Chondrocytes (C) Muscle cells **(D) Neurons**
84. The tubular structures of the kidney are called
(A) Malpighian tubules **(B) Nephrons**

(C) Seminiferous tubules (D) Bowman’s capsule

85. Which one of the following is a reproductive cell?

(A) Egg (B) Ovary (C) Testis (D) Genes

86. What do we call the fluid present between the meninges?

(A) Pericardial fluid (B) Lymph
(C) Cerebral fluid (D) **Cerebro – spinal fluid**

87. “The master gland in the endocrine orchestra” is

(A) Thyroid (B) Thymus (C) **Pituitary** (D) Pancreas

88. Which one of the following is the secretion of pituitary?

(A) **Growth hormone** (B) Thyroxine (C) Cartecoid (D) Cartesol

89. The enlargement of thyroid gland is due to

(A) Excess iodine (B) **Deficiency of iodine**
(C) Excess adrenaline (D) Deficiency of sodium

90. Which one of the following helps in the digestion of food?

(A) Hormones (B) **Enzymes** (C) Bile (D) Blood

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

List-I	List-II
(a) Vitamin A	1. Loss of fertility
(b) Vitamin B	2. Scurvy
(c) Vitamin C	3. Rickets
(d) Vitamin D	4. Beriberi
	5. Night blindness

Codes:

	a	b	c	d
(A)	4	5	2	1
(B)	5	4	2	1
(C)	4	5	3	1
(D)	5	4	2	3

92. Which hormone contains Iodine?

- (A) Adrenaline (B) Testosterone (C) Insulin **(D) Thyroxine**
93. Hargobind Khorana is an international scientist in the field of
(A) Physics (B) Chemistry (C) Mathematics **(D) Biology**
94. The largest number of calories is gained from a gram of
(A) Protein **(B) Fat** (C) Sugar (D) Starch
95. About how much blood is in the circulatory system of an average person
(A) 1 litre (B) 2 litres **(C) 5 litres** (D) 10 litres
96. The person having antigens A and B but no antibody has the blood group
(A) O **(B) AB** (C) A (D) B
97. The cloning of a monkey was first done in
(A) U.S.A. (B) England (C) Scotland (D) Russia
98. Blue revolution deals with the production of
(A) Iron and steel **(B) Fish and prawn**
(C) Milk and egg (D) Wheat and sugarcane
99. The number of chromosomes found in the primary oocyte of human being is
(A) 22 **(B) 23** (C) 44 (D) 46
100. "AIDS" is caused by
(A) Mycoplasma (B) Bacteria (C) Fungus **(D) Virus**