

**General Science Model Test Questions 8 With Answers [Zoology - 2]**

1. Which of the following is the best source of proteins?  
(A) Apples                      (B) Butter                      **(C) Beans**                      (D) Fish
2. Normal blood pressure is  
**(A) 120/80**                      (B) 150/80                      (C) 120/60                      (D) 80/80
3. The mineral needed for clotting of blood in animals is  
(A) Phosphorous              (B) Potassium              **(C) Calcium**                      (D) Sodium
4. Energy for life activities is found in large amounts in  
(A) Calcium phosphate                      (B) Potassium phosphate  
(C) Adenosine monophosphate              **(D) Adenosine triphosphate**
5. Vitamin E is found in  
(A) Milk                      (B) Carrot                      (C) Liver oil                      **(D) Germinating seeds**
6. Bile contains  
(A) Proteases                      (B) Lipases                      (C) Sodium cyanide                      **(D) Sodium glychocholate**
7. Lungs are protected by  
**(A) Pleura**                      (B) Plasmid                      (C) Plastid                      (D) Meninges
8. The amount of blood in a healthy man is  
(A) 10 lit.                      **(B) 5 to 6 lit.**                      (C) 8 lit.                      (D) 15 lit.
9. Apiculture is  
(A) Rearing of silkworms                      **(B) Bee keeping and rearing of bees**  
(C) Culturing of apical tissue                      (D) Culturing of algae
10. A x A cross gives children of blood groups  
**(A) A and O**                      (B) A, B                      (C) AB                      (D) B
11. Pearl is mainly obtained from  
(A) Star fish                      (B) Octopus                      **(C) Oyster**                      (D) Snail
12. Migratory birds can be seen in this sanctuary of Tamil Nadu

- (A) Mudumalai wild life sanctuary      (B) Mundanthurai wild life sanctuary  
(C) **Kodikarai sanctuary**      (D) Vallanadu sanctuary
13. Animals belonging to this phylum are not found on land  
(A) Annelida      (B) Arthropoda      (C) **Echinodermata**      (D) Mollusca
14. Which of the following is the matching pair of vector and disease?  
(A) Body louse - typhoid      (B) Sand fly - plague  
(C) House fly - yellow fever      (D) **Culex - filariasis**
15. Systolic blood pressure of man is  
(A) 40 mm Hg      (B) **120 mm Hg**      (C) 300 mm Hg      (D) 1200 mm Hg
16. Milk tastes sour when kept in the open for sometime due to the formation of  
(A) Citric acid      (B) Malic acid      (C) **Lactic acid**      (D) Carbonic acid
17. In the human body, where does butter action take place?  
(A) Saliva      (B) Stomach juice      (C) Urine      (D) **Blood**
18. What is Dr. Hargobind Khurana known for?  
(A) **Synthesis of genes**      (B) Synthesis of enzymes  
(C) Synthesis of urea      (D) Synthesis of benzene
19. Which of the plant scientists mentioned below is known as the Father of Indian Embryology?  
(A) Johri      (B) Bhojwani      (C) **Maheshwari**      (D) B.G.L. Swamy
20. The gases which are responsible for acid rain are  
(A) Nitrogen dioxide and Carbon dioxide  
(B) **Nitrogen dioxide and Sulphur dioxide**  
(C) Carbon dioxide and Sulphur dioxide  
(D) Carbon dioxide Sulphur dioxide & Nitrogen dioxide
21. ELISA test and western blot test are used for the diagnosis of  
(A) **AIDS**      (B) Poliomyelitis      (C) Mumps      (D) Tuberculosis
22. Dental formula of adult man is

(A)  $\frac{2123}{2123}$ (B)  $\frac{2124}{2123}$ (C)  $\frac{2114}{2114}$ (D)  $\frac{2122}{2122}$ 

23. The excretory organs in cockroach are

(A) Malpighian tubules

(B) Nephridia

(C) Solenocytes

(D) Mushroom – shaped glands

24. The tusks of an elephant are modified

(A) Canines

(B) Incisors

(C) Molars

(D) Pre – molars

25. Pearl Oyster belongs to the class of

(A) Bivalvia

(B) Cephalopoda

(C) Gastropoda

(D) Scaphopoda

26. Copper – T is

(A) A metal used in transport means

(B) An intra – uterine contraceptive device

(C) A contraceptive device for male human beings

(D) A hormone pill

27. Which of the following is the correct sequence for the life cycle of Aurelia, a true jelly fish?

(A) Medusa → Planula → Polyp → Scyphistoma → Ephyra

(B) Medusa → Ephyra → Planula → Polyp → Scyphistoma

(C) Medusa → Planula → Scyphistoma → Polyp → Ephyra

(D) Medusa → Planula → Ephyra → Polyp → Scyphistoma

28. Mark the correct statements:

(A) Placenta is the connecting link between the mother and the foetus

(B) Amphioxus belongs to urochordata

(C) Amniotic fluid is found in the optocoel

(D) Fertilizin is secreted by sperm

29. Which of the following elements are present in all proteins?

1) Carbon

2) Hydrogen

3) Oxygen

4) Nitrogen

Select the correct answer from the codes given below:

(A) 2 and 3

(B) 1, 2 and 4

(C) 1, 3 and 4

(D) 1, 2, 3 and 4

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

## List-I

- (a) Alecithal
- (b) Telolecithal
- (c) Centrolecithal
- (d) Mesolecithal

## List-II

- 1. Lung fish egg
- 2. Insect egg
- 3. Hen's egg
- 4. Human ovum

Codes:

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

31. Consider the following statements:

Assertion (A): Alimentary canal is absent in tapeworm

Reason (R): Digested food is readily available. It is absorbed by the tapeworm through the body surface.

Now select your answer according to the coding scheme given below:

- (A) Both (A) and (R) are false
- (B) (A) is false, but (R) is true
- (C) (R) is false, but (A) is true
- (D) Both (A) and (R) are true**

32. Which of the following statements is mismatching?

- (A) Cellular boundary - Cellular membrane
- (B) Cell control centre - Nucleus
- (C) Cell assembly line - Cytoplasm
- (D) Cell centrioles - Storage area**

33. Severe water pollution is caused by

- (A) Industrial effluents**
- (B) Agriculture fertilizer run – off
- (C) Sewage left by households
- (D) None of these

34. Example of noise pollution is

- (A) Murmur
- (B) Motor cycle sound**
- (C) Rain
- (D) Wind

35. The blood pressure of a normal man is

(A)  $\frac{120}{100}$

(B)  $\frac{100}{80}$

(C)  $\frac{150}{90}$

(D)  $\frac{120}{80}$

36. Which of the following vitamins is associated with the clotting of blood?

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

37. Malaria affects

- (A) Liver**                      (B) Spleen                      (C) Intestine                      (D) Lungs

38. Which of the following is correctly matched?

- | (Disease)          | (Medium through which the disease spread) |
|--------------------|---|
| (A) Tuberculosis   | - Insects                                 |
| <b>(B) Cholera</b> | <b>- Food, water</b>                      |
| (C) Leprosy        | - Cattle                                  |
| (D) Malaria        | - Air, water                              |

39. Adenoid is the disease in which?

- (A) Thyroid enlarges                      (B) Spleen enlarges  
(C) Nasal tonsil enlarges                      **(D) Tonsil enlarges**

40. AIDS affects this system

- (A) Immunity system**                      (B) Red blood cells  
(C) Growth of human body                      (D) Nervous system

41. Which one of the following is correctly matched?

- | (Animal)             | (No. of chambers in heart) |
|----------------------|----------------------------|
| <b>(A) Cockroach</b> | <b>- 13</b>                |
| (B) Frog             | - 4                        |
| (C) Pigeon           | - 3                        |
| (D) Rabbit           | - 2                        |

42. Which one of the following is correctly matched?

- |                    |       |                           |               |
|--------------------|-------|---------------------------|---------------|
| (A) Photo receptor | - Ear | <b>(B) Chemo receptor</b> | <b>- Nose</b> |
| (C) Phono receptor | - Eye | (D) Gustatory             | - Skin        |

43. Night – blindness is caused by the deficiency of vitamin

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

44. Oral polio vaccine was invented by

- (A) Pasteur                      (B) Jenner                      **(C) Sabin**                      (D) Ross

45. Largest living animals belong to the group of

- (A) Fishes                      (B) Molluscs                      (C) Reptiles                      **(D) Mammals**
46. The book "Origin of life" was written by  
(A) S.W. Fox                      **(B) A.I. Oparin**                      (C) H.J. Miller                      (D) L. Pasteur
47. Theory of natural selection was propounded by  
(A) Charles Lyell                      **(B) Charles Darwin**                      (C) James Hutton                      (D) Carolus Linnaeus
48. A typical example for bio – pesticide is  
**(A) Bacillus thuringiensis**                      (B) Bacillus subtilis  
(C) Bacillus megaterium                      (D) Bacillus ramosus
49. Plasmodium belongs to this group  
**(A) Protozoa**                      (B) Virus                      (C) Bacteria                      (D) Fungus
50. Air pollutants destroy the  
(A) Oxygen layer                      (B) Nitrogen layer                      (C) Cloud layer                      **(D) Ozone layer**
51. The biotic factors in an ecosystem are  
I. Plants                      II. Animals                      III. Decomposers                      IV. Bacteria  
(A) I and II are correct                      (B) I and III are correct  
(C) II and III are correct                      **(D) All are correct**
52. In food chain, sheep is a  
(A) Producer                      **(B) Primary consumer**  
(C) Secondary consumer                      (D) Decomposer
53. The symptoms of rickets in a child are  
I. Cradle eggs                      II. Pigeon chest                      III. Soft bones                      IV. Gum bleeding  
Of these statements:  
(A) I alone is correct                      (B) I and II are correct  
**(C) I, II & III are correct**                      (D) All are correct
54. The number of aminoacids usually in a protein are  
(A) 21                      (B) 25                      (C) 23                      **(D) 20**
55. Water soluble vitamins are  
**(A) B<sub>1</sub>, B<sub>2</sub>, B<sub>6</sub>, B<sub>12</sub> & C**                      (B) A and D

- (C) A and E (D) A, D, E and K
56. Digestion of fat yields  
I. Fatty acids II. Glycerol III. Aminoacids IV. Glucose  
**(A) I and II** (B) I and III (C) I and IV (D) I, II, III and IV
57. The organ that removes nitrogenous wastes in man is  
(A) Skin (B) Lungs **(C) Kidney** (D) Rectum
58. The respiratory centre is present in this part of brain  
(A) Cerebral hemisphere (B) Cerebellum  
**(C) Medulla oblongata** (D) Spinal cord
59. These are hereditary diseases.  
I. Colour blindness II. Sickle cell anaemia  
III. Haemophilia IV. Marasmus  
(A) I and IV are correct (B) I and II are correct  
**(C) I, II & III are correct** (D) All are correct
60. Dengue fever is spread by  
(A) Anopheles mosquito (B) Rats **(C) Culex mosquito** (D) Dogs
61. Dynosaur eggs have been found recently in  
(A) Madhya Pradesh (B) Maharashtra (C) Gujarat **(D)Tamil Nadu**
62. Which one of the following is a communicable disease?  
(A) Cancer (B) Diabetes **(C) Diphtheria** (D) Rheumatism
63. The chambers in the heart of man are  
(A) 3 (B) 5 **(C) 4** (D) 6
64. We have to take the man affected by poisonous snakebite within  
(A) 10 hours (B) 6 hours (C) 14 hours **(D) 12 hours**
65. Number of bones in human body is  
(A) 215 **(B) 206** (C) 220 (D) 225
66. The cells found in the blood which acts as the soldiers of the body are  
(A) Red blood corpuscles (B) Platelets

- (C) White blood corpuscles (D) Eosinophils
67. Rh factor is present in  
(A) Blood (B) Sputum (C) Urine (D) Lymph
68. Skin excretes  
(A) Sweat (B) Urine (C) Carbon dioxide (D) Oxygen
69. Glomerules are found in  
(A) Lungs (B) Skin (C) Kidney (D) Intestine
70. Malpighian layer is seen in  
(A) Kidney (B) Skin (C) Lungs (D) Liver
71. Unit of the nervous system is  
(A) Nephron (B) Neuron (C) R.B.C (D) W.B.C
72. The part affected when toddy is taken  
(A) Cerebrum (B) Cerebellum (C) Lungs (D) Heart
73. Yellow fever is spread by  
(A) Housefly (B) Mosquito (C) Water (D) Air
74. Elephantiasis is caused by  
(A) Ascaris (B) Filarial worm (C) Tape worm (D) Liver fluke
75. The eye of man is compared to  
(A) The eye of animals (B) The eye of insects  
(C) The eye of fishes (D) Camera
76. The cattle which give high yield of milk are produced by  
(A) Hybridization (B) Inbreeding (C) Variation (D) Speciation
77. Which vitamin is destroyed by cooking?  
(A) Vitamin D (B) Vitamin C (C) Vitamin A (D) Vitamin E
78. 'AIDS' is  
(A) All India Doctor's Society  
(B) A foreign agency giving grants to developing countries  
(C) All India Detectives Society



**(D) Acquired Immuno Deficiency Syndrome**

79. What is the chromosome number of man?  
(A) 23 (B) **23 pairs** (C) 24 (D) 46 pairs
80. Which one of the following is a vertebrate?  
(A) Star fish (B) **Cuttle fish** (C) Jelly fish (D) Dog fish
81. To which one of the following Acrosome is associated?  
(A) **Sperm** (B) Egg (C) Chromosome (D) Mitochondria
82. To which group Dolphins belong?  
(A) Fishes (B) Amphibians (C) Turtles (D) **Mammals**
83. Urea is formed during  
(A) Kreb's cycle (B) Citric acid cycle  
(C) **Ornithine cycle** (D) Nitrogen cycle
84. Chemical substances secreted by the ductless glands are called  
(A) Enzymes (B) **Hormones** (C) Amines (D) Pheromones
85. Glucose is stored in our body in the form of  
(A) Fat (B) Insulin (C) **Glycogen** (D) Amino acids
86. Plasmodium is a parasite that causes  
(A) Dysentery (B) Elephantiasis (C) **Malaria** (D) Cholera
87. Parotid gland secretes an enzyme called  
(A) Erepsin (B) **Amylase** (C) Mucin (D) Cholera
88. Which one of the following is an insect?  
(A) Spider (B) Centipede (C) Milipede (D) **Ant**
89. Consider the following two statements:  
I. Sericulture means cultivation of silk – worm  
II. Arboriculture means the cultivation of trees and vegetables  
Of these statements:  
(A) **I and II are true** (B) I and II are false  
(C) I alone is correct (D) II alone is correct

90. The drug most widely tried against AIDS virus is  
(A) Didorudine (Azido thymidine) (B) Miconazole  
(C) Nonoxymol – 9 (D) Virazole
91. Generally biological activity is relatively little  
(A) Below 0°C or above 50°C (B) Below 50°C or above 60°C  
(C) Below 60°C or above 70°C (D) Below 70°C or above 80°C
92. Insulin is secreted by  
(A) Liver (B) Pancreas (C) Kidney (D) Thyroid
93. Rinder pest is the disease associated with  
(A) Cattle (B) Crop (C) Fish (D) Poultry
94. If the plant producer dies in the ecosystem then the system is  
(A) Seriously affected (B) Cannot produce food  
(C) Can have more producers (D) Hardly affected
95. Which one of the following is correctly matched?  
(A) Muscular dystrophy - Ascending limb of nephron  
(B) Henle's loop - Progressive difficulty in walking  
(C) Relaxin - Steroid hormone  
(D) Graafian follicle - Egg of Frog
96. Consider the following statements:  
I. Malpighian body acts as a biological filter  
II. Coagulation is the property of plasma alone  
III. Vitamin B<sub>12</sub> deficiency causes pellagra  
IV. Diabetes is a disease caused by sex linked inheritance  
Of these statements:  
(A) I alone is correct (B) I and II are correct  
(C) III and IV are correct (D) All are correct
97. Which is the correct sequence in the development of Frog?  
(A) Fertilization – Blastula – Morula – Gastrula

**(B) Fertilization – Cleavage – Gastrulation – Differentiation**

(C) Morula – Gastrula – blastula – Yolk plug

(D) Morula – Blastula – Dotsallip – Gastrula

98. Consider the following statements:

Assertion (A): A drunkard totters

Reason (R): Alcohol affects the function of cerebellum

Of the statements:

**(A) Both (A) and (R) are true**

(B) Both (A) and (R) are false

(C) (A) is true, but (R) is false

(D) (A) is false, but (R) is true

99. Glycogen synthesis takes place mostly in

(A) Muscle

**(B) Liver**

(C) Pancreas

(D) Adipose tissue

100. Among primates listed below which one is the closet relative to modern man?

**(A) Orangutan**

(B) Gorilla

(C) Gibbon

(D) Sinanthropus