

# Biology Quiz MCQ PDF

1. Water in plants is transported by?  
(A) Cambium  
(B) Phloem  
(C) Epidermis  
(D) Xylem
2. Where are the Eucalyptus trees found in abundance?  
(A) Mizo hills  
(B) Naga hills  
(C) Manipur hills  
(D) Nilgiri hills
3. Which of the following hormone is released in excess quantity during excitement?  
(A) Cortisone  
(B) Serotonin  
(C) Adrenaline  
(D) Estrogen
4. Clove the commonly used spice is obtained from the?  
(A) Fruit  
(B) Stem  
(C) Root  
(D) Flower bud
5. What are the blood corpuscles that help to build up resistance against diseases?  
(A) Leucocytes  
(B) Monocytes  
(C) Neutrophils  
(D) Lymphocytes
6. Which is the gland that holds the body's thermostat?  
(A) Pineal  
(B) Pituitary  
(C) Thyroid  
(D) Hypothalamus
7. What is the chromosome number in a human ovum?  
(A) 24  
(B) 46

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- (C) 48
- (D) None of these

8. Hashish is obtained from a plant. From which part of the plant is it obtained?

- (A) Leaves
- (B) Stem
- (C) Exudate from leaves and female inflorescences
- (D) Exudate from stem and male inflorescences

9. Which organ of the body never rest?

- (A) Eyes
- (B) Pancreas
- (C) Liver
- (D) Heart

10. The presence of what distinguishes a plant cell from an animal cell?

- (A) Chloroplasts
- (B) Cell wall
- (C) Cell membrane
- (D) nucleus

11. Green manure plants are?

- (A) Composite
- (B) Phocaea
- (C) Leguminosae
- (D) Solanaceae

12. This chemical fertilizer is essential for better rhizobial nitrogen fixation?

- (A) Calcium
- (B) Potassium
- (C) Sodium
- (D) Phosphorus

13. Azolla is used as a bio fertilizer as it possesses?

- (A) Human large quantities
- (B) Rhizobium
- (C) Mycorrhiza
- (D) Cyanobacteria

14. Pyrethrin is obtained from ?

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- (A) Chrysanthemum cinerariifolium
- (B) Azadirachta indica
- (C) Urtica dioica
- (D) Tagetes erecta

15. Which of the following is not include in organic farming?

- (A) Crop rotation
- (B) Chemical fertilizer
- (C) Green manures
- (D) Compost and farmyard manures

16. Appropriate use of cow dung is made in?

- (A) Medicine
- (B) Fuel
- (C) Manure
- (D) Building/ construction material

17. In children, this disease is caused due to excess nitrate fertilizer usage?

- (A) Mumps
- (B) Jaundice
- (C) Septicemia
- (D) Methaemoglobinemia

18. A green manure is?

- (A) Maize
- (B) Rice
- (C) Sorghum
- (D) Sesbania

19. The branch of agriculture which deals with the feeding shelter health and breeding of the domestic animal is called?

- (A) Dairy science
- (B) Veterinary science
- (C) Poultry
- (D) Animal husbandry

20. Edward Jenner is associated with?

- (A) Cholera
- (B) Typhoid
- (C) Smallpox
- (D) Paralysis

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21. A plant with compound leaves is?  
(A) Papaya  
(B) Coconut  
(C) Peepal  
(D) Hibiscus
22. The scientist who explained about blood circulation for the first time was?  
(A) Antonyvan Leewen Hock  
(B) William Harvey  
(C) Gregor-Mendel  
(D) Ronald Ross
23. Which one of the following is not a digestive enzyme?  
(A) Pepsin  
(B) Renin  
(C) Insulin  
(D) Amylopsin
24. The theory of evolution was put forward by?  
(A) Louis Pasteur  
(B) Aristotle  
(C) Gregor Mendel  
(D) Charles Darwin
25. In a human body the longest bone is in the?  
(A) Vertebral column  
(B) Thigh  
(C) Rib cage  
(D) Arm
26. Which of the following food crops has the maximum content of proteins?  
(A) Cassava  
(B) Soybean  
(C) Wheat  
(D) Maize
27. Where did the new form of pneumonia "SARS" start?  
(A) Canada  
(B) Singapore  
(C) China  
(D) Thailand

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28. The total number of vertebrae in a human being is?

- (A) 26
- (B) 30
- (C) 29
- (D) 33

29. On the average what percentage of human body has the element of oxygen?

- (A) 65
- (B) 25
- (C) 10
- (D) 5

30. BCG vaccination is to be given to a newborn child?

- (A) Immediately after birth
- (B) Within 48 hours
- (C) Within seven days
- (D) Within six months

31. The hybrid between horse and donkey is called?

- (A) Pony
- (B) Colt
- (C) Mule
- (D) Zebra

32. Glaucoma is a disease of the?

- (A) Skin
- (B) Lungs
- (C) Liver
- (D) Eyes

33. The chemical used for destroying fungi in water tanks is?

- (A) Copper sulphate
- (B) Magnesium sulphate
- (C) Zinc sulphate
- (D) Nitric acid

34. Human kidney disorder is caused by the pollution of?

- (A) Cadmium
- (B) Iron

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- (C) Cobalt
- (D) carbon

35. Dehydration in human body is caused due to the deficiency of?

- (A) Vitamin
- (B) Salt
- (C) Hormone
- (D) Water

36. Who among the following analyzed DNA for the first time?

- (A) Arthur Comberg
- (B) Hargobind Khurana
- (C) M. W. Nirenberg
- (D) Watson and Krick

37. Which among the following bears smallest living cell?

- (A) Bacterium
- (B) Mollusk plasma
- (C) Virus
- (D) Yeast

38. Yawning occurs?

- (A) Due to excess concentration of  $\text{CO}_2$  in blood
- (B) Due to excess concentration of  $\text{CO}_2$  in lungs
- (C) Both A & B
- (D) None of above

39. Which among the following living being has respiratory organ but does not have brain?

- (A) Crab
- (B) Starfish
- (C) Blood succor
- (D) Silverfish

40. Which vitamin helps in blood coagulation?

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

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41. A substance that stimulates the production of antibodies when introduced into a living organism is known as?

- (A) Carcinogen
- (B) Androgen
- (C) Antigen
- (D) Estrogen

42. Darwin finches refer to a group of?

- (A) Fishes
- (B) Lizards
- (C) Birds
- (D) Amphibians

43. The tissue in man where no cell division occurs after birth is?

- (A) Skeletal
- (B) Nerves
- (C) Connective
- (D) Germinal

44. The source of oxygen generated during photosynthesis is?

- (A) Water
- (B) Carbon dioxide
- (C) Chlorophyll
- (D) Mesophyll cells

45. Which one of the following elements is associated with teeth disorder?

- (A) Chlorine
- (B) Fluorine
- (C) Bromine
- (D) Iodine

46. Which one of the following is an abnormal constituent of urine?

- (A) Creatinine
- (B) Urea
- (C) Uric acid
- (D) Ketone bodies

47. Which of the following cells produces antibodies?

- (A) Eosinophil
- (B) Monocyte

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- (C) Basophil
- (D) Lymphocytes

48. The vitamin which helps in clotting of blood is?

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

49. At very altitude the red blood corpuscles in the human body will?

- (A) Increase in size
- (B) Decrease in size
- (C) Increase in number
- (D) decrease in number

50. A test tube baby means?

- (A) A baby grown in a test tube
- (B) Embryo fertilized in uterus and developed in test tube
- (C) Embryo fertilized and developed in uterus
- (D) Fertilization in vitro and then transplantation in the uterus

51. The metal present in insulin is?

- (A) Copper
- (B) Iron
- (C) Zinc
- (D) Magnesium

52. Roundworm is a human parasite found in the?

- (A) Small intestine
- (B) Liver
- (C) Stomach
- (D) Large intestine

53. Which of the following is a rich source of Vitamin B12?

- (A) Cashew nut
- (B) Milk
- (C) Apple
- (D) Watermelon

54. What is the number of chromosome in a normal human body?

- (A) 43



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- (B) 44
- (C) 45
- (D) 46

55. Xerophthalmia is a deficiency disease caused by lack of?

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

56. Out of the following glands which is referred to as the master gland?

- (A) Thyroid
- (B) Adrenal gland
- (C) Pituitary
- (D) Pancreas

57. What is an antibiotic?

- (A) A chemical compound produced by a living organism (that inhibits the growth of the other organisms)
- (B) A compound synthesized by a living organism that inhibits the growth of microbes
- (C) A synthetic compound inhibiting the growth of other organisms
- (D) A synthetic compound inhibiting the growth of bacteria

58. Carbohydrate is stored in the body as?

- (A) Glucose
- (B) Starch
- (C) Glycogen
- (D) Sucrose

59. Which was the first enzyme isolated in pure crystalline form?

- (A) Amylase
- (B) Catalase
- (C) Lipase
- (D) Clrease

60. Process of digestion is helped by?

- (A) Enzyme
- (B) Hormone
- (C) Mineral
- (D) Vitamin

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61. Which is the organ that excretes water fat and various catabolic wastes?

- (A) Kidney
- (B) Skin
- (C) Spleen
- (D) Salivary glands

62. Which animal uses sounds as its eyes?

- (A) Dog
- (B) Cat
- (C) Snake
- (D) Bat

63. Pregnant women usually become deficient in?

- (A) Sodium and calcium
- (B) Iron and sodium
- (C) Calcium and iron
- (D) Magnesium and iron

64. Which components of light area absorbed by chlorophyll?

- (A) Violet and red
- (B) Indigo and orange
- (C) Blue and red
- (D) Violet and yellow

65. Ginger is a stem and not a root because?

- (A) It stores food material
- (B) It grows horizontal in the soil
- (C) It has nodes and internodes
- (D) It lacks chlorophyll

66. Eyes of potato are useful for?

- (A) Nutrition
- (B) Reproduction
- (C) Vegetative propagation
- (D) None of the above

67. Taenia sodium (Tape worm) lives as a parasite in?

- (A) Pig
- (B) Abdomen of men/women
- (C) Intestine of men/women
- (D) Liver of men/women

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68. A ant can see the objects all around it due to the presence of?

- (A) Simple eyes
- (B) Eyes over the head
- (C) Well-developed eyes
- (D) Compound eyes

69. What is the approximate time required for a heartbeat?

- (A) 5 second
- (B) 8 second
- (C) 5 minute
- (D) 0 minute

70. Which of the following elements is obtained from sea algae?

- (A) Argon
- (B) Sulphur
- (C) Vanadium
- (D) Iodine

71. Which of the following is not a component of chlorophyll?

- (A) Hydrogen
- (B) Magnesium
- (C) Carbon
- (D) Calcium

72. Which of the following is the largest living bird?

- (A) Peacock
- (B) Ostrich
- (C) Dodo
- (D) Turkey

73. In which of the following generally hormone is not found?

- (A) Rat
- (B) Monkey
- (C) Bacteria
- (D) Cat

74. The causative organism of dengue fever is?

- (A) Fungus
- (B) Bacteria

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- (C) Protozoa
- (D) Virus

75. Which of the following is considered to be the best cholesterol?

- (A) VLDL
- (B) LDL
- (C) HDL
- (D) Triglycerides

76. Thalassaemia is a hereditary disease. It affects?

- (A) Blood
- (B) Spleen
- (C) Lungs
- (D) Heart

77. Which of the following represents a food chain involving a producer a vegetarian and a non vegetarian?

- (A) Grass – insect – elephant
- (B) Plant – rabbit – tiger
- (C) Fish – insect – whale
- (D) Tiger – rabbit – owl

78. Which of the following makes the skin layer impervious to water?

- (A) Collagen
- (B) Melanin
- (C) Keratin
- (D) Chitin

79. Two richest known sources of edible protein are?

- (A) Meat and eggs
- (B) milk and vegetables
- (C) Soybean and groundnut
- (D) Some type of algae and other micro-organisms

80. Which of the following weeds has been found useful to check water pollution caused by industrial effluent?

- (A) Parthenium
- (B) Elephant grass
- (C) Water hyacinth
- (D) Both

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81. Which of the following is correlated with blood pressure?

- (A) Liver
- (B) Testis
- (C) Pancreas
- (D) Adrenal

82. Which of the following structures present in mammalian skin directly helps in keeping the body warm?

- (A) Pigmented cells
- (B) Sweat glands
- (C) Lymph vessels
- (D) Blood capillaries

83. Which from the following diseases usually spreads through milk?

- (A) Tuberculosis
- (B) Jaundice
- (C) Diphtheria
- (D) Cholera

84. Which are the largest fixator of solar energy?

- (A) Bacteria
- (B) Protozoa
- (C) Fungi
- (D) Green plants

85. Which of the following is a correct description of tissue culture?

- (A) Conservation of forests and plantation
- (B) Growth and propagation of horticultural crops
- (C) Science of cultivating animal tissue in artificial medium
- (D) Protection of wild animals

86. Study of fields is called?

- (A) Pomology
- (B) Agronomy
- (C) Olericulture
- (D) Floriculture

87. Carrot is orange in color because?

- (A) It grows in the soil
- (B) It is not exposed to sunlight

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- (C) It contains carotene
- (D) The entire plant is orange in color

88. Select the bio fertilizer in the following?

- (A) Compost
- (B) Ammonium sulphate
- (C) Cattle dung
- (D) Algae and blue-green algae

89. Full form of the infectious disease SARS is?

- (A) Syndrome associated with respiratory symptoms
- (B) Severe acute respiratory syndrome
- (C) Severe asthmatic respiratory syndrome
- (D) Syndrome alarm on respiratory system

90. Insects responsible for transmitting diseases are called?

- (A) Vector
- (B) Transmitter
- (C) Drones
- (D) Conductor

91. Camel is a desert animal that can live without water for many days because?

- (A) It does not need water
- (B) Water is formed in the body due to oxidation of fat
- (C) It has the water sac in the walls of the lumen of stomach
- (D) All of the above

92. Which of these components of the blood is responsible for clotting?

- (A) R.B.C
- (B) Lymphocytes
- (C) Monocytes
- (D) Platelets

93. Founder of homeopathy is?

- (A) Samuel Hahnemann
- (B) Hippocrates
- (C) Charaka
- (D) Sushruta

94. Development of an egg without fertilization is called?

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- (A) Gametogenesis
- (B) Parthenogenesis
- (C) Oogenesis
- (D) Metamorphosis

95. Match list I with list II and select the correct answer

Using the codes given below the lists:

List I: Symptom

- A. Weak sight
- B. Anemia
- C. Skin problems
- D. Breaking of bones

List II: Cause

- A. Deficiency of iron
- B. Deficiency of Vitamin A
- C. Deficiency of Vitamin C
- D. Deficiency of calcium

- (A) A B C D 2413
- (B) A B C D 3214
- (C) A B C D 3124
- (D) A B C D 2341

96. In the process of dialysis used on patients with affected kidneys the phenomenon involved is?

- (A) Diffusion
- (B) Absorption
- (C) Osmosis
- (D) Electrophoresis

97. What is the normal blood sugar level of a human being?

- (A) Close to 10 mg/ml
- (B) 120 – 150 mg/ml
- (C) 80 – 90 mg/ml
- (D) 150 – 200 mg/ml

98. Literal meaning of the term “Homo Sapiens” is?

- (A) Man – the wise
- (B) Man – the supreme
- (C) Man – the omnivore
- (D) Man – the fool

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99. During photosynthesis in plants the gas evolved is?

- (A) carbon dioxide
- (B) Nitrogen
- (C) Oxygen
- (D) Hydrogen

100. The seeds of certain plants fail to germinate if they do not pass through the digestive tract of fruit eating birds. This is due to?

- (A) Hibernation
- (B) Seed coat impermeability
- (C) Infertility
- (D) Vegetative reproduction



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Answer

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
D	D	D	D	A	D	B	C	D	A	C	D	D	A	B
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
C	D	D	B	C	B	B	C	D	B	B	C	D	A	B
31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
C	D	A	A	D	D	A	A	B	C	C	C	B	A	B
46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
D	D	D	A	D	C	D	B	D	A	C	D	C	A	A
61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
A	D	C	A	C	D	C	D	B	D	D	B	D	D	C
76	77	78	79	80	81	82	83	84	85	86	87	88	89	90
A	B	C	C	C	D	C	A	D	C	B	C	D	B	A
91	92	93	94	95	96	97	98	99	100					
D	D	A	B	C	C	B	A	C	B					