

# Biology Quiz MCQ PDF

1. The branch of science Herpetology deals with the study of?  
(A) Snakes  
(B) Insects  
(C) Mammals  
(D) Amphibians and reptiles
2. Lepidopterology study deals with?  
(A) Moths and butterflies  
(B) Lipids and fats  
(C) Ferns  
(D) None of these
3. The branch of science Entomology deals with the study of?  
(A) Fishes  
(B) Insects  
(C) Animal behavior  
(D) Classification of organisms
4. The branch of science Molecular Biology deals with the study of?  
(A) Community of organisms occupying an area  
(B) the study of energy transformations in the living systems  
(C) Study of plants  
(D) Study of nature, physicochemical organization, synthesis working, and interaction of bio-molecules
5. Which of the following means of phyllotaxy?  
(A) Classification of plants based on their leaves structure  
(B) The anatomy of leaves in angiosperms  
(C) Classification of plants based on their flowers  
(D) The manner of arrangement of leaves in stem or branch
6. Which branch of biology is deal with the effect of radiation on living organism?  
(A) Cytogenetics  
(B) Cryobiology  
(C) Actinobiology  
(D) All the above
7. Dendrochronology is the study of the age of which of the following??  
(A) Shrubs  
(B) Woody plants

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- (C) Study of fossils
- (D) None of these

8. Which among the following is correct about biocenosis?
- (A) The study of energy transformations in the living systems
  - (B) Study of the parts of an ecosystem with specific species
  - (C) Community of organisms occupying an area
  - (D) A kind of abnormality related to an organism living in a particular habitat

9. The branch of science Cytology deals with the study of?
- (A) It is the study of form and structure of organelles
  - (B) It is the study of form and structure of nucleus
  - (C) It is the study of form and structure of cells
  - (D) It is the study of form and structure of cells including the behavior of nucleus and other organelles

10. The branch of science Physiology deals with the study of?
- (A) Study of different types of body functions and processes
  - (B) Study of different types of body functions
  - (C) Study of different types of fertilization and processes
  - (D) None of these

11. Biomass is used for?
- (A) Transportation fuel
  - (B) Chemical
  - (C) Biochemical
  - (D) All the above

12. How potato the vegetative propagules in?
- (A) Hybrid seed
  - (B) Offset
  - (C) Eyes/buds in the tuber
  - (D) None of these

13. What is also called as a bio gas?
- (A) Biodiesel
  - (B) Bio methane
  - (C) Bio ethan
  - (D) Bio fuels

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14. What percentage of carbon dioxide is in bio methane?  
(A) 29-40  
(B) 30-41  
(C) 31-42  
(D) 32-43
15. Which of the following statements is true about the yeast?  
(A) The cell divides by binary fission  
(B) The cell divides unequally. The smaller cell develops into a bud  
(C) The cell produces conidia which develop into a bud  
(D) None of these
16. The appearance of vegetative propagules from the nodes of plants such as sugarcane and ginger is mainly because?  
(A) Nodes are shorter than internodes  
(B) Nodes have non photosynthetic cells  
(C) Nodes are located near soil  
(D) Nodes have meristematic cells
17. What is an example of starch crops biomass feed stocks?  
(A) Sugar cane  
(B) Corn stover  
(C) Orchard prunings  
(D) All the above
18. There is no natural death in single celled organisms like amoeba and bacteria because?  
(A) They are microscopic  
(B) They can't reproduce sexually  
(C) Parental body is distributed among the offspring  
(D) None of these
19. Sugarcane is propagated by?  
(A) Stem cutting  
(B) Root  
(C) Leaf buds  
(D) Seeds
20. Vegetative propagated in pistachio occurs by?  
(A) Runner

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- (B) Offset
- (C) Seeds
- (D) Sucker

21. Which of the following is represent the regulative function of forest?

- (A) Production of woods
- (B) Production of oil
- (C) Storage and releases of gases
- (D) None of these

22. Which of the following is not present in animal cells?

- (A) Ribosomes
- (B) Cytoplasm
- (C) Mitochondria
- (D) Cell wall

23. Demersal fish is obtained from which of the following?

- (A) Open sea
- (B) Sea bottom
- (C) Lakes
- (D) Rivers

24. Deforestation may reduce the chance of?

- (A) Rainfall
- (B) Erosion of surface
- (C) Cyclones
- (D) None of these

25. Which of the following of a part of cinnamon is obtained?

- (A) Seed
- (B) Root
- (C) Buds
- (D) Bark

26. Which part of human body stores glycogen?

- (A) Liver
- (B) Skin
- (C) Kidney
- (D) Intestine

27. Which of the following is the process of soil conservation where?

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- (A) Soil aerated
- (B) Soil erosion is allowed
- (C) Soil is protect against loss
- (D) None of these

28. Which of the following group consists of non-renewable organic resources?

- (A) Water, air and minerals
- (B) Natural gas, coal and gas
- (C) Wood, water and clay
- (D) Sand, air and natural pasture

29. What is the number of True ribs in human body?

- (A) 15
- (B) 10
- (C) 12
- (D) 14

30. Spider's web is made of which of the following?

- (A) Proteins
- (B) Carbohydrates
- (C) Lipids
- (D) None of these

31. Penicillin is extracted from?

- (A) Alage
- (B) Fungus
- (C) Lichen
- (D) Yeast

32. Which is the effect of antigen in an ill person?

- (A) It increases the production of anti-serum against bacteria
- (B) It increases the production of W.B.C
- (C) It prevents the growth of bacteria
- (D) It increases the production of antibiotics

33. Which among the following helps in circular of blood?

- (A) Lymphocytes
- (B) Blood platelets
- (C) Arithrocytus
- (D) Monocytes

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34. Which among the following elements increases the absorption of water and calcium in plants?

- (A) Molybdenum
- (B) Copper
- (C) Boron
- (D) Manganese

35. Which wood will become useless soon after exposing in the open air?

- (A) Wet wood
- (B) Hard wood
- (C) Soft wood
- (D) All of the above

36. Which of the following is a large spectrum antibiotic?

- (A) Chloramphenicol
- (B) Penicillin
- (C) Paracetamol
- (D) Ampicillin

37. Human bones and teeth are made of?

- (A) Chlorapatite
- (B) Hydroxylapatite
- (C) Tricalcium phosphate
- (D) Fluorapatite

38. Angora wool is extracted from?

- (A) Sheep
- (B) Rabbit
- (C) Fox
- (D) None of these

39. Which of the following diseases affects women easily?

- (A) Heart attack
- (B) Joint arthritis
- (C) Hepatitis
- (D) Arthritis

40. Pituitary gland is located in?

- (A) Intestine
- (B) Kidney

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- (C) Liver
- (D) Brain

41. What is the limit of MG/DL of blood sugar in the normal person at the time of fast?

- (A) 80-110
- (B) 70-100
- (C) 90-120
- (D) 60-90

42. The cross section of a stem of tree has fifty rings. What is the age of the tree?

- (A) 15 years
- (B) 20 years
- (C) 10 years
- (D) 50 years

43. Onion is a modified form of?

- (A) Stem
- (B) Root
- (C) Leaf
- (D) All of the above

44. The pollination of maize takes place by?

- (A) Pollination by rain
- (B) Pollination by water
- (C) Pollination by air
- (D) None of these

45. Why radiologists do not take direct x-ray photographs of intestine?

- (A) X-rays are not able to capture clear picture
- (B) X-rays cannot cross intestine
- (C) Even short exposure of X-rays causes in intestine
- (D) Intestines are affected by direct exposure to X-rays

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46. Exobiology deals with the study of?  
(A) Life on the surface of the earth  
(B) External characters of living organisms  
(C) Life in the outer layers of atmosphere  
(D) Life in other planets and space
47. Animals do not have enzyme systems which enable them to make use of the energy from?  
(A) Carbohydrate  
(B) Water  
(C) Fat  
(D) Protein
48. A clone is a colony of?  
(A) Cells having different shape  
(B) Cells having same shape  
(C) Cells having similar genetic constitution  
(D) Cells having different genetic constitution
49. The pollen grains of flowers pollinated by insects are?  
(A) Rough and sticky  
(B) Rough and dry  
(C) Sticky and smooth  
(D) Smooth and dry
50. The disease caused by asbestos is?  
(A) Diarrhea  
(B) Paralysis  
(C) Emphysema  
(D) Dysentery
51. In the eye color vision is effected by the presence of?  
(A) Cones  
(B) Sclerotic coat  
(C) Chyroid coat  
(D) Rods
52. Which of the following is not one of the important steps in processing tea leaves?  
(A) Withering  
(B) Drying



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- (C) Fermenting
- (D) Rolling

53. Dehydration in human body is caused due to loss of?

- (A) Salt
- (B) Water
- (C) Vitamins
- (D) Hormones

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

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

55. What is the process of in the case of test tube babies?

- (A) Egg is fertilized in the uterus
- (B) Embryo is placed in uterus after 2 months
- (C) Embryo completes its development in a test tube
- (D) Egg is fertilized outside mother's body

56. The age of trees is determined by its?

- (A) Root
- (B) Height
- (C) Girth
- (D) Growth rings

57. Kidney disease in man is caused by the pollutant?

- (A) Cadmium
- (B) Carbon
- (C) Iron
- (D) Vitamins

58. Fruits of the plant are found underground?

- (A) Onion
- (B) Potato
- (C) Groundnut
- (D) Carrot

59. A rare and endangered animal in silent valley is?

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- (A) Lion-tailed macaque
- (B) Rhino sores
- (C) Musk deer
- (D) Tiger

60. Maximum photosynthetic activity occurs in?

- (A) Yellow and blue region of light
- (B) Green and yellow region of light
- (C) Green and blue region of light
- (D) Orange and violet region of light

61. The meristematic tissue takes up a permanent shape, size, and function. by using which of the following process?

- (A) Simplification
- (B) Differentiation
- (C) Organisation
- (D) None of these

62. How substance like carbon dioxide or oxygen can move across the cell membrane?

- (A) Plasmolysis
- (B) Transpiration
- (C) Sedimentation
- (D) Diffusion

63. AIDS virus has?

- (A) Single-stranded RNA
- (B) Single-stranded DNA
- (C) Double-stranded RNA
- (D) Double-stranded DNA

64. A breath test used by traffic police to check drunken drivers uses?

- (A) Potassium dichromate-sulphuric acid
- (B) Silica gel coated with silver nitrate
- (C) Potassium permanganate-sulphuric acid
- (D) Turmeric on filter paper

65. Anglo Nubian is a breed of?

- (A) Goat
- (B) Sheep

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- (C) Poultry
- (D) Cow

66. What kind of soil is treated with gypsum to make it suitable for cropping?

- (A) Water logged
- (B) Acidic
- (C) Alkaline
- (D) Soil with excessive clay content

67. Typhoid fever is caused by?

- (A) Virus
- (B) Fungus
- (C) Allergy
- (D) Bacteria

68. Name the blood group, which is called universal recipient?

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

69. Rod shaped bacteria is called?

- (A) Spirillum
- (B) Coma
- (C) Bacillus
- (D) Coccus

70. The animal which has become extinct recently in India happens to be?

- (A) Golden cat
- (B) Woolly wolf
- (C) Tiger
- (D) Cheetah

71. All the progeny obtained from a single plant by vegetative propagation are called?

- (A) Pedigree line
- (B) Clones
- (C) Pure line
- (D) Inbred line

72. What is a sponge?

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- (A) A fungus
- (B) A plant
- (C) An animal
- (D) A fossil

73. Which of the following blood groups may be present in the children of a couple having blood groups A and B?

- (A) A B and AB
- (B) A and B only
- (C) AB
- (D) A B and O

74. Which of the following diseases is caused by a virus?

- (A) Malaria
- (B) Poliomyelitis
- (C) Ringworm
- (D) Whooping cough

75. Which of following is known as Vitamin B<sub>1</sub>?

- (A) Riboflavin
- (B) Ascorbic acid
- (C) Retinol
- (D) Thiamin

76. Which of the following is true?

- (A) RNA is the genetic material in all the viruses and bacteria
- (B) DNA is the genetic material in most of the organism
- (C) DNA is the genetic material in all the viruses
- (D) RNA is the genetic material in all the viruses

77. Pathogenic bacteria secrete?

- (A) Antibodies
- (B) Antigens
- (C) Interferon's
- (D) Hormones

78. Where is the Botanical Survey of India headquartered?

- (A) Kolkata
- (B) Lucknow
- (C) Mumbai
- (D) Darjeeling

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79. Who amongst the following was awarded Nobel Prize for path breaking contributions to develop treatment against Parkinson's disease?

- (A) Arvid Carlsson
- (B) Walter Kohn
- (C) Ferid Murad
- (D) Robert B. Laughlin

80. Which of the following food items is rich in iron?

- (A) Orange
- (B) Rice
- (C) Apple
- (D) Pulses

81. Who discovered Cholera germs?

- (A) Robert Koch
- (B) Rene Laennec
- (C) Dresser
- (D) Hansen

82. Sweetex used by the diabetic patients has energy content of?

- (A) Five calories
- (B) Ten calories
- (C) Hundred calories
- (D) Zero calories

83. The element which is the most abundant in the human body is?

- (A) Oxygen
- (B) Carbon
- (C) Iron
- (D) Nitrogen

84. Oxygen liberated during photosynthesis is coming from?

- (A) Carbon dioxide
- (B) Water
- (C) Break down of chlorophyll
- (D) Atmosphere

85. Which of the following is not included in the Technology Mission?

- (A) Oil seed
- (B) Pulses

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- (C) Maize
- (D) Vegetables

86. Who discovered sex hormones?

- (A) Dreser
- (B) Eugen Steinach
- (C) Edward Calvin
- (D) Samuel Cohen

87. Fermentation is a process of decomposition of an organic compound by?

- (A) Catalysts
- (B) Enzymes
- (C) Carbanions
- (D) Free radicals

88. What are the basic units from which human spare parts can be created?

- (A) Nerve cells
- (B) Stem cells
- (C) Heart cells
- (D) Kidney cells

89. Adherent mucoid alkaline substance covering the inner lining of stomach is to?

- (A) Digest starch
- (B) Act against bacteria
- (C) Prevent the action of pepsin of mucosa
- (D) Prevent viral infection

90. The area of human tongue sensitive to bitterness is restricted to?

- (A) Tip
- (B) Edges
- (C) Middle part
- (D) Posterior part

91. Amniocentesis is a method for?

- (A) Determination of fetal health condition
- (B) Determination of the amino acids sequence
- (C) Inducing abortion
- (D) Artificial insemination

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92. During photosynthesis the liberated gas is?  
(A) Carbon dioxide  
(B) Oxygen  
(C) Nitrogen  
(D) Hydrogen
93. Which of the following blood cells are compulsory for blood coagulation?  
(A) Platelets  
(B) Red blood corpuscles  
(C) White bold corpuscles  
(D) Lymphocytes
94. Which was the first antibiotic?  
(A) Terramycin  
(B) Neomycin  
(C) Penicillin  
(D) Streptomycin
95. Virus contains?  
(A) Protein and lipid  
(B) Nucleic acid and protein  
(C) Lipid and carbohydrate  
(D) Carbohydrate and nucleic add
96. By which the sex of a child is determined before birth?  
(A) Sperms of father  
(B) Foetus of mother  
(C) Both A & B  
(D) None of the above
97. What may be the cause of malfunctioning of thyroid gland?  
(A) Iodine deficiency  
(B) Iron deficiency  
(C) Calcium deficiency  
(D) Vitamin C
98. How many feet has a crab got?  
(A) 12  
(B) 10

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- (C) 8
- (D) 6

99. Which one of the following is found only in women?

- (A) Thyroid
- (B) Pituitary
- (C) Ovary
- (D) Anenoid

100. Which not of the following is not a function of kidney?

- (A) Regulation of blood pH
- (B) Removal of metabolic wastes from the body
- (C) Production of antibodies
- (D) Regulation of osmotic pressure of the blood



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Answer

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