

Here are the **Top 100 Biology Questions**, categorized by major topics for better understanding. This list is ideal for school students, NEET aspirants, Olympiads, and competitive exams like SSC, UPSC, etc.



A. Introduction & Cell Biology (1–20)

1. What is biology?
2. Who is the father of biology?
3. What is a cell?
4. Who discovered the cell?
5. What is the cell theory?
6. What are prokaryotic and eukaryotic cells?
7. What is the structure of a plant cell?
8. What is the structure of an animal cell?
9. What is the function of the nucleus?
10. What is cytoplasm?
11. What are cell organelles?
12. What is the function of mitochondria?
13. What is the function of chloroplast?
14. What is the endoplasmic reticulum?
15. What is the Golgi apparatus?
16. What is the function of ribosomes?
17. What is a vacuole?
18. What is a lysosome?

19. What is the difference between plant and animal cells?

20. What is a unicellular and multicellular organism?



B. Genetics & Heredity (21–35)

21. What is DNA?

22. What is RNA?

23. Who discovered DNA?

24. What is a gene?

25. What are chromosomes?

26. What is heredity?

27. What is a trait?

28. What is a dominant and recessive gene?

29. What is a Punnett square?

30. Who is the father of genetics?

31. What are Mendel's laws?

32. What is mutation?

33. What is genetic engineering?

34. What is cloning?

35. What is genetic inheritance?



C. Plant Biology (36–50)

36. What is photosynthesis?
37. What is the chemical equation for photosynthesis?
38. What is chlorophyll?
39. What are the parts of a plant?
40. What are the functions of roots, stems, and leaves?
41. What is transpiration?
42. What is pollination?
43. What is fertilization in plants?
44. What is germination?
45. What is phototropism?
46. What is xylem and phloem?
47. What is a seed?
48. What is vegetative propagation?
49. What are the types of plants?
50. What is a flower and its parts?

D. Human Physiology (51–70)

51. What is the structure of the human body?
52. What are the major systems of the human body?
53. What is the digestive system?
54. What is the respiratory system?

55. What is the circulatory system?
56. What is the nervous system?
57. What is the excretory system?
58. What is the skeletal system?
59. What is the muscular system?
60. What is the endocrine system?
61. What is the function of the heart?
62. What are arteries and veins?
63. What are lungs and their function?
64. What is the function of the brain?
65. What are hormones?
66. What is the role of kidneys?
67. What is the function of the liver?
68. What are the sense organs?
69. What is blood and its components?
70. What is immunity?



E. Microbiology & Diseases (71–80)

71. What are microbes?
72. What are bacteria?
73. What are viruses?

- 74. What are fungi?
 - 75. What is vaccination?
 - 76. What are antibiotics?
 - 77. What are communicable diseases?
 - 78. What are non-communicable diseases?
 - 79. What is AIDS and how is it caused?
 - 80. What is COVID-19?
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F. Reproduction & Development (81–90)

- 81. What is reproduction?
 - 82. What are the types of reproduction?
 - 83. What is asexual reproduction?
 - 84. What is sexual reproduction?
 - 85. What is fertilization?
 - 86. What is the male reproductive system?
 - 87. What is the female reproductive system?
 - 88. What is puberty?
 - 89. What is menstruation?
 - 90. What is embryo development?
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G. Ecology & Environment (91–100)

91. What is ecology?
 92. What is an ecosystem?
 93. What are biotic and abiotic components?
 94. What is a food chain?
 95. What is a food web?
 96. What is a producer, consumer, and decomposer?
 97. What is biodiversity?
 98. What is pollution and its types?
 99. What is climate change?
 100. What are conservation and sustainable development?
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