

Pharma-D First Year Remedial Biology Important Question Bank

Essay Questions Pharma D 1st Year:

1. Classify the fruits and write in detail about the dehiscent capsular fruits with examples.
2. Define respiration. Write the types of respiration. Explain the anaerobic respiration and photo synthesis.
3. Explain the morphological characters of aerial parts of plants and write the types, functions and uses of roots.
4. Describe the isolation of bacteria and explain the stains and types of staining.
5. Describe the various components of an animal cell with a neat and labeled diagram.
6. Describe the underground stem and its modifications with suitable examples.
7. Describe about the morphology of fruits with diagrams.
8. Discuss about the animal tissue systems.
9. Write an account on plant tissue with neat labeled diagram and their functions.
10. Write a detail note on digestive system of frog with neat labeled diagram.
11. Discuss about the stem modifications of the plants with examples.
12. Briefly discuss about the Kingdom of Chordata with examples.
13. Draw a neat labeled diagram of plant cell and explain the parts of cell inclusions with their functions.
14. What are mammals? Write an account on animal kingdom with examples.
15. Give an account on plant kingdom and its classification.
16. Write the classification of animal tissues. Explain the structure and functions of animal tissues with neat diagrams.
17. Describe the structure of plant cell and animal cell with neat labeled diagram. How will you differentiate plant cell from animal cell.
18. Define plant taxonomy and discuss in detail the morphological characters of umbelliferous fruits.
19. Explain the digestive system of frog.
20. Describe the structure of Plant cell with a neat labelled diagram.
21. What are ergastic substances? Explain in detail about the reserve foods.
22. Define and classify animal tissues. Write a note on epithelial tissue system.
23. Describe the various components of an animal cell with a neat and labeled diagram.
24. Explain the various modification of root system with examples.
25. Define and classify Plant tissues. Write a note on conducting tissue system.
26. Describe the underground modification of stem.
27. Explain the respiratory system of frog.

28. How Pisces are classified? Describe the general characteristics of Pisces.
29. Describe about classification of plant kingdom with suitable example.
30. Describe the types and structure of Bacteria.
31. Explain the structure of plant cell and its inclusion with neat labeled diagram.
32. Describe the Excretory system of frog with neat labeled diagram.
33. Discuss in detail the morphological characters of umbelliferous fruits.
34. Describe about classification of animal kingdom.
35. Discuss about the animal tissues.
36. Describe the digestive system of frog.
37. Differentiate plant cell from animal cell with neat labeled diagram.
38. What are the types of leaves with example and what are the functions of leaves?
39. Explain the importance of taxonomy of plant. Discuss the taxonomical characters of Solanaceae.
40. Explain briefly the circulatory system of frog.
41. Explain the structure and functions of frog's heart.
42. Discuss in detail about morphology of leaf and flower.
43. Classification of plant kingdom.
44. Define plant tissue. Discuss the meristematic and permanent tissues.
45. Define Fruit. Write detailed account on classification of fruits with examples.
46. Classify the Cryptogams. Describe the important characters of each class with examples.
47. Describe the types and structure of Bacteria.
48. Write a detailed note on digestive system of frog with neat labeled diagram.
49. Define Ergastic substances of plant. Discuss in detail account on excretory products of plant cell.
50. Describe the various modifications of root system for storage and support as functions.
51. Explain the structure and functions of frog's heart.
52. Write detailed note on taxonomical features of solanaceae family.
53. Describe Mitosis and Meiosis with the help of suitable diagrams.
54. Write the salient features of family Liliaceae with suitable examples, floral diagrams and formula.
55. Write the salient features of phylum Platyhelminthes. Explain the life cycle of *Taenia solium*.

Short Note Questions

1. Structure and functions of animal tissues.
2. Excretory products of animal cells.
3. Axial skeleton of frog.
4. Vertebrate.
5. Write the poisonous animals.
6. Muscular tissues.
7. Classify methods of yeast.

8. Functions and types of stipules leaves.
9. Types of flowers.
10. Nervous system of frog.
11. Characters of class mammalian.
12. Epithelial tissues.
13. Classifications of plant Kingdom.
14. Pollination of flowers.
15. Penicillin.
16. Reptiles.
17. Poisonous animals.
18. Ovaries of frog.
19. Root modifications.
20. Taxonomy of Liliaceae.
21. Types of bacteria
22. Classify the kingdom of Chordata.
23. Poisonous animals
24. Types of respiration in frog and explain about any one type
25. Mechanism of respiration of frog.
26. Differentiate monocotyledons and dicotyledons.
27. Write short notes on excretory products of plants.
28. Morphology of seeds with suitable examples.
29. Distinguish between gram positive and gram negative bacteria.
30. Define enzymes and its pharmaceutical importance
31. Photosynthesis.
32. Define and classify animal tissues.
33. Write a short note on structure of Fungi.
34. Types of roots and its functions.
35. Write a note on fungi & bacteria with suitable examples.
36. Write a short note on parts of a plant leaf and leaf modifications.
37. Draw a neat labeled diagram of external features of frog.
Differentiate male & female frog.
38. Write a note on vertebrates with examples.
39. Write in detail about frog brain with neat labeled diagram.
40. Explain the parts and functions of animal skin with a neat labeled diagram.
41. Classify the types of inflorescence in flowers.
42. Discuss about Dehiscent capsular fruits.
43. Taxonomy of Leguminaceae.
44. Give a note on fungi.
45. Give a note on animal cell.
46. Epithelial tissue
47. Nervous system of Frog.
48. Mineral absorption in the growth of plants.
49. Give a note on Poisonous animals
50. Write about the morphology of plant with neat labeled diagrams.
51. Write a detail note on types and functions of vascular bundles.

52. Explain Collenchyma and sclerenchyma with neat labeled diagrams.
53. Write a detail note on Yeast and Penicillin.
54. Explain about poisonous animals with suitable examples.
55. Write in detail about Fish with neat labeled diagram.
56. Write a note on animal tissue with neat labeled diagram and their functions.
57. What are reptiles? Explain the parts and functions of reptiles with a neat labelled diagram.
58. Short notes on complex permanent tissues.
59. How will you differentiate leaf and leaflets.
60. Describe the morphology of flower with neat labeled diagram.
61. Name the medicinally important leaves and their medicinal uses.
62. Describe isolation of bacteria.
63. Write any six differences between plant cell and an animal cell.
64. Write short notes on poisonous reptile.
65. Write a note on spinal cord of frog.
66. What are Pisces? Explain the parts and function of Pisces with a neat labeled diagram.
67. What is applied botany? How is it sub-classified?
68. Muscular tissues.
69. Classification of plant kingdom.
70. Details of snake-poisoning treatment.
71. Therapeutical importance of vitamins.
72. Bacteria.
73. Draw a neat labeled diagram of external features of Frog. Differentiate male and female frog.
74. Draw neat and well labeled diagrams of ten types of shape of leaves.
75. What are underground modification of stems? Describe each with examples.
76. Characters of mammalian
77. Explain the various Plant inclusions
78. Define Transpiration. Describe the factors affecting transpiration
79. Write a note on Penicillins
80. Explain the Arterial system of frog
81. Describe the types of muscular tissue
82. List out the medicinal uses of Pisces
83. Differentiate plant cell and animal cell.
84. Describe the morphology of seeds with examples.
85. Write a note on Pollination
86. Describe the general characters of aves
87. Explain the Kidney of frog.
88. Write a short note on fungi
89. Write a note on Poisonous animals.
90. Describe the general characters of Reptiles
91. Explain the general organization of mammals.
92. Write a note on types of bacteria
93. Define Photosynthesis. Explain the process of photosynthesis.

94. Describe about Inflorescence
95. Pollination of flowers.
96. Morphology of fruits with suitable example.
97. Pisces.
98. Reptiles.
99. Poisonous animals
100. Epithelial tissue.
101. Taxonomy of Liliaceae.
102. Types of inflorescence
103. Penicillin.
104. Difference between plant cell and animal cell.
105. General character of Aves
106. Details of snake poisoning treatment.
107. Differentiate meristematic and permanent tissues.
108. Define bacteria and discuss the types of bacteria with examples.
109. General characters of pisces and explain the medicinal importance with examples
110. Define inflorescence. Distinguish racemose from cymose inflorescence
111. Functions of mitochondria, plastids, ribosomes and golgi complex.
112. Pollination of flowers
113. Short note on poisonous animals
114. Ergastic substances and its functions in plant.
115. Transpiration process of plants
116. Differentiate monocotyledons and dicotyledons
117. Discuss the taxonomical characters of umbelliferae
118. Define seed. Write a note on modifications of seed.
119. Physiology of water absorption by plants.
120. Give a note on general characters reptiles
121. Write differences between plant cell and an animal cell
122. Explain the venous system of frog.
123. Write brief note on epithelial tissues
124. Explain the morphology of flower
125. Write brief note on aerobic respiratory process of higher plant.
126. Write a note on general organization of Amphibia
127. Explain the nervous system of frog.
128. Describe the types of connective tissues
129. Write a note on vertebrates with examples
130. Draw neat labelled diagram of animal cell
131. Define types of leaf venation with suitable diagrams.
132. Write short notes on underground stem modifications
133. Write short notes on simple and compound leaves
134. Define Androecium. Write different types of fusion of stamens
135. Write short notes on male reproductive system of frog
