

X- BIOLOGY IMPORTANT ONE MARK QUESTIONS – 2023

PREPARED BY

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Answer in a word or sentence

1. What is collateral vascular bundle?
2. Where does the carbon that is used in photosynthesis come from?
3. What is the common step in aerobic and anaerobic pathway?
4. Name the phenomenon by which carbohydrates are oxidized to release ethyl alcohol.
5. Give the common name of the Hirudinaria granulose.
6. How does leech respire?
7. Write the dental formula of rabbit.
8. How many pairs of testes are present in leech?
9. How is diastema formed in rabbit?
10. What organs are attached to the two bronchi?
11. Which organ acts as suction pump in leech?



12. What does CNS stand for?
13. Why is the teeth of rabbit called heterodont?
14. How does leech suck blood from the host?
15. Name two layered protective covering of human heart.
16. What is the shape of RBC in human blood?
17. Why is the colour of the blood red ?
18. Which kind of cells are found in the lymph?
19. Name the heart valve associated with the major arteries leaving the ventricles.
20. Mention the artery which supplies blood to the heart muscle
21. Which hormone promotes the production of male flowers in Cucurbits?
22. Write the name of a synthetic auxin.
23. Which hormone induces parthenocarpy in tomatoes?
24. What is the hormone responsible for the secretion of milk in female after child birth?
25. Name the hormones which regulates water and mineral metabolism in man.
26. Which hormone is secreted during emergency situation in man?
27. Which gland secretes digestive enzymes and hormones?
28. Name the endocrine glands associated with kidneys.
29. If one pollen grain produces two male gametes, how many pollen grains are needed to fertilize 10 ovules?
30. In which part of the flower germination of pollen grains takes place?
31. Name two organisms which reproduces through budding.
32. Mention the function of endosperm.
33. Name the hormone responsible for the vigorous contractions of the uterine muscles.

34. What is the enzyme present in acrosome of sperm?
35. When is World Menstrual Hygiene Day observed?
36. What is the need for contraception ?
37. Name the part of the human female reproductive system where the following occurs.
- a. Fertilization b. Implantation
38. What is a cross in which inheritance of two pairs of contrasting characters are studied?
39. Name the conditions when both the alleles are identical?
40. A garden pea plant produces axial white flowers. Another of the same species produced terminal violet flowers. Identify the dominant trait?
41. What is the name given to the segments of DNA, which are responsible for the inheritance of a particular character?
42. Name the bond which binds the nucleotides in a DNA.
43. A human hand, a front leg of a cat, a front flipper of a whale and a bat's wing look dissimilar and adapted for different functions. What is the name given to these organs?
44. Which organism is considered to be the fossil bird?
45. What is the study of fossils called?
46. Give the name of wheat variety having higher dietary fibre and protein.
47. Semi-dwarf varieties were introduced in rice. This was made possible by the presence of dwarfing gene in rice. Name this dwarfing gene.
48. Define genetic engineering.
49. Name the types of stem cells.
50. What are transgenic organisms?
51. State the importance of biofertiliser.
52. What are psychotropic drugs ?

53. Mention the diseases caused by tobacco smoke.
54. What are the contributing factors for Obesity?
55. What is adult onset diabetes?
56. What is metastasis?
57. How does insulin deficiency occur?
58. What will happen if trees are cut down?
59. What would happen if the habitat of wild animals is disturbed?
60. What are the agents of soil erosion?
61. Why fossil fuels are to be conserved?
62. Solar energy is a renewable energy. How?
63. How are e-wastes generated?

(ALL THE BEST)