

Rajasthan JET 2023 Biology

1. The term Brood Chamber is commonly used for?
Ans - Bee Rearing Chamber
2. The genotype of Turner's Syndrome is?
Ans - 44 + XO
3. Which one of the following is a C3 plant?
Ans – Rice
4. When a cell is placed in a hypertonic solution, then cell becomes?
Ans – Plasmolysed
5. Which of the following Nitrogen Base is not present in RNA?
Ans – Thymine
6. Transverse binary fission is found in?
Ans – Paramecium
7. What is the proper sequence of life cycle of any insect?
Ans - Egg, Larva, Pupa, Adult
8. Which one of the following is an example of a detritivore?
Ans – Earthworm
9. Watson and Crick were famous for?
Ans - Structure of DNA
10. Plasmid is found only in?
Ans – Bacteria
11. Which one of the following is an essential mineral of chlorophyll structure?
Ans – Mg
12. Which one of the following is not a greenhouse gas?
Ans- SO₂
13. Which one of the following hormone is not an Auxin?
Ans – Zeatin
14. Which one of the following is not a restriction enzyme?
Ans – BAC

15. Which of the following dye is usually used for staining of plant tissue?
Ans - Safranin
16. Loose smut of wheat is caused by *Ustilago tritici* that belongs to?
Ans – Basidiomycetes
17. Which of the following structure is absent in the female reproductive system of humans?
Ans – Epididymis
18. The chromosomal basis of heredity was given by?
Ans - W. Sutton
19. Binomial Nomenclature system is given by?
Ans - Carl Linnaeus
20. All cereals belong to which family?
Ans – Poaceae
21. Which of the following member of phylum chordate usually shows external fertilization?
Ans – Amphibia
22. The scientific name of Mango is *Mangifera Indica* of which, *mangifera* indicates?
Ans – Genus
23. Where does the glycolysis process occur in a cell?
Ans – Cytoplasm
24. Which of the following scientist had given the pressure flow hypothesis?
Ans - Ernest Munch
25. Which of the following disease is not caused by nematodes?
Ans - Root rot of wheat
26. Which one of the following is not an Ex-situ conservation process?
Ans - Biosphere Reserve
27. Which one of the following human blood corpuscles lacks a nucleus at older ages?
Ans – RBC
28. Sea fish and sea weeds are utilized mainly for –
Ans – Iodine
29. Which of the following hormone helps in fruit ripening
Ans – Ethylene
30. Which of the following is not a member of phylum Arthropoda?
Ans – Starfish

31. In Animal Kingdom, all humans are placed in –
Ans – Eutheria
32. Which of the following is not a stop codon?
Ans – UGU
33. Cultivation of BT cotton is mainly for?
Ans – Resistance against insect damage
34. The respiratory organ of aquatic animal is?
Ans – Gills
35. Which of the following is an example of porifera?
Ans – Sycon
36. Citrus canker disease is caused by
Ans – Gram- Xanthomonas
37. Tapeworm belongs to phylum-
Ans – Platyhelminthes
38. Which of the following is not a fibre yielding plant?
Ans – Saccharum officinarum
39. Which one of the following is not related to loss of biodiversity
Ans – Chipko Movement
40. In which of the following plant, adventitious root is absent?
Ans – Pea