



BIOLOGY

BOOKS - UNITED BOOK HOUSE

MP_08 QUESTION PAPER

Exercise

1. The main feature of Hot spot is

A. Rich biodiversity

B. Less biodiversity

C. High conserved area

D. Large number of living organism

Answer:



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2. Highly rich natural diversity is seen in

A. 1.Coral reef

B. 2.Sugar field

C. 3.Tropical rainforest

D. 4.Estuary

Answer:



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3. Project tiger was started in -

A. 1973

B. 1981

C. 1953

D. 1963

Answer:



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4. Which one is not a transgenic plant ?

A. Golden rice

B. Maize

C. Cucumber

D. Soyabean

Answer:



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5. To prepare human insulin, which one is used with the help of genetically engineering process?

A. E coli

B. Rhizopus

C. Guineapig

D. Pseudomonas

Answer:



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6. National Dairy Research Institute is situated at

A. 1.Delhi

B. 2.Chennai

C. 3.Chandigarh

D. 4.Lucknow

Answer:



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7. On which basis, species are categorised?

- A. Inter hybridization
- B. Reproductively isolated
- C. Species diversity
- D. Survival of the fittest.

Answer:



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8. The basic idea of Operin model is -

- A. Panspermia
- B. Spontaneous origin
- C. Origin from God
- D. Artificial synthsis

Answer:



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9. DNA is synthesized from RNA by which enzyme?

- A. 1.DNA Polymerase
- B. 2.DNA Helicase
- C. 3.Reverse transcriptase
- D. 4.RNA Polymerase.

Answer:



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10. Gene for cancer is

A. Mutable gene

B. Transposon

C. Oncogene

D. Protooncogene.

Answer:



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11. Plants free from microbes & virus through tissue culture by best- known element -

A. Cholohin

B. Chloroquin

C. Cholchicin

D. Chloroform.

Answer:



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12. Pollen grains are developed in

A. 1.Pollen sac

B. 2.Stigma

C. 3.Pollen tube

D. 4.Gynoecium

Answer:



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13. Sexine is -

A. 1.Intine

B. 2.Exine

C. 3.Endothecium

D. 4.Tapetum

Answer:



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14. the function of sartoli cell is

A. to synthesize testosterone

B. to store sperms

C. to supply nutrients to the sperm

D. to mature sperm.

Answer:



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15. Name the three layers which enclose the embryo of human



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16. What is split gene?



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17. Define Holandric gene.



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18. Name the causative bacteria for Syphilis.



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19. Name two tranquillizer drug.



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20. What do you mean by denitrification.



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21. Define acid rain.



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22. What do you mean by smog?



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23. Write two common features of vector.



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24. Define minor carp with example.



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25. Write the name of one freshwater and one salt water prawn.



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26. What do you mean by Lac operon?



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27. Define amniocentesis.



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28. Define: Zona pellucida, Corona radiata.



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29. Write three main symptoms of Hepatitis B.



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30. Blood group of a woman is 'AB' Is it possible whether she will be mother of 'O'

blood group offspring? Explain.



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31. What do you mean by microsphere and coacervate?



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32. Define Allopatric, sympatric & parapatric species.



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33. What do you mean by oncogene and tumor suppressor gene. Give example of each.



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34. Write three advantages of composite fish cultures.



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35. Write the scientific name of indian bee.

Write two uses of honey.



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36. Write the microbes used in the production of cheese, Butter, Idli by the process of biotechnology.



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37. Define : DNA polymerase .



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38. Write two functions of vaccine & vector each. What is RIA?



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39. Define Natality & Mortality.



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40. Explain 'J' shaped growth curve of a population with example.



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41. What do you mean by Bt brinjal & Bt cotton?



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42. What do you mean by classical & non-classical gene therapy?



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43. Define oxygen cycle. Describe about Nitrogen fixation in an eco system.



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44. Define eco system. Describe about the living elements of an eco system.



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45. Write the Hardy-Weindberg rule, Explain that ABO system of human blood follows Harby-Weinberg rule.



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46. What do you mean by oestrous cycle and menstrual cycle.



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47. What is definitive nucleus?



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