



BIOLOGY

BOOKS - UNITED BOOK HOUSE

MP_07 QUESTION PAPER

Exercise

1. Unit of asexual reproduction is -

A. zygosporangium

B. spore

C. ovum

D. sperm

Answer:



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2. Zygote encapsulated by cyst is known as -

A. Zygosporangium

B. Zygocyst

C. Endocyst

D. Cysternae.

Answer:



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3. Which is not correct in case of binary fission

-

A. 1.Torulation

B. 2.not occurring budding

C. 3.no presence of mother cells

D. 4.equidivisional in nature.

Answer:



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4. Fusion of same shaped gametes is known

A. Isogamy

B. Anysogamy

C. Oogamy

D. Syngamy

Answer:



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5. Sickle cell anaemia is a type of -

- A. Polygenic trait
- B. Multiple allelism
- C. Monohybrid cross
- D. No one is correct

Answer:



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6. In 'O' blood group, RBC is attached with -

A. one glycoprotein

B. two glycoproteins

C. a nucleus

D. NONE

Answer:



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7. Trisomy-21 is -

- A. Down syndrome
- B. Edward's syndrome
- C. Turner syndrome
- D. Klinefelter syndrome

Answer:



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8. Part of antigen attached with paratope is known as -

A. agretope

B. Epitope

C. Syncope

D. haptan

Answer:



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9. Maturation of 'B' lymphocyte is occurred in -

A. 1.Spleen

B. 2.Stomach

C. 3.Bone marrow

D. 4.Pancreas.

Answer:



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10. Which one is present in 'Golden rice'?

A. Vitamin A

B. Vitamin B

C. Vitamin A & B

D. Vitamin K.

Answer:



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11. For commercial purpose, human insulin is prepared from which transgenic species -

A. E. coli

B. Rhizobium

C. Mycobacteria

D. Saccharomyces.

Answer:



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12. Which one is incomplete ecosystem -

A. 1.river

B. 2.grassland

C. 3.cave

D. 4.wetland

Answer:



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13. A property of an artificial ecosystem is -

- A. High production
- B. High diversity
- C. complex food chain
- D. All the above.

Answer:



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14. Key industry animal' of an ecosystem is -

- A. 1.Herbivores

B. 2.Carnivores

C. 3.Producer

D. 4.bacteria.

Answer:



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15. What is Rete-testes?



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16. What do you mean by Pleiotropy?



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17. What is Barr body?



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18. Cancer causing virus is known as ____.



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19. What is propolis?



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20. What do you mean by Hydrosere?



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21. Write two differences between biotic & abiotic elements of an ecosystem.



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22. Write two differences between 'S' & 'J' shaped growth curve in a population.



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23. Define Patent.



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24. What is methogens?



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25. Write two advantage of hybridization technique.



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26. What do you mean by monoculture and polyculture?



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27. Define transversion.



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28. Define translocation.



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29. Write three advantages of self pollination.



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30. Define autogamy. geitogamy, cleistogamy.



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31. What do you mean by Protanopia and Deuteranopia?



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32. Explain DNA as a genetic material with the help of Harshey and Chase experiment.



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33. Describe the clover leaf structure of tRNA with a figure.



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34. Define Hypophysation. Write two differences between male and female carp fish.



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35. Name the elements of biogas. What microbes are used for cheese production?



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36. Show a word diagram of the life cycle of malarial parasite in mosquito body.



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37. Write the infestation process and control measures of AIDS.



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38. Write th principles fo biotechnology.



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39. Write two advantages and one disadvantage of PCR technology.



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40. Enumerate one characteristic of each :
Sanctuary, National park , Reserve forest.



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41. Define Eutrophication. Write the effects of arsenic in human body.



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42. Define Mutation. What do you mean by gene mutation and chromosomal mutation?

Writ two properties of genetic drift.



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43. Rove the Hardy-Weinberg Priciple with the help of methemathical deduction.



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44. Write the characters of deciduous, conifer and halophytic forest.



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45. Write the sources of air & water pollution .

What do you mean by Silent Valley Movement?



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