



BIOLOGY

BOOKS - UNITED BOOK HOUSE

MP_16 QUESTION PAPER

Exercise

1. Preventive measures for birth control is -

A. Copper-T

B. Diaphragm

C. Loop

D. Dalcon Shield.

Answer:



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2. The stage duration for 7-8 days in menstrual cycle of human female is known as -

A. ovulation phase

B. Luteal phase

C. Preventive & proliferative phase

D. Secretory phase.

Answer:



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3. Unit of female gametophyte is -

A. 1. ovary

B. 2.anther

C. 3.ovule.

D.

Answer:



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4. If megaspore mother cell contains 10 chromosomes, how many chromosomes are present in aleurone layer?

A. 20

B. 15

C. 10

D. none.

Answer:



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5. Chromosomal aberration in cri-du-chat syndrome is known as -

A. 1.duplication

B. 2.deletion

C. 3.Inversion

D. 4.translocation

Answer:



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6. cDNA is

A. DNA formed by reverse transcription

B. clone DNA

C. circular DNA

D. recombinant DNA

Answer:



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7. Graphical representation of population growth shows -

A. S' shaped

B. J' shaped

C. Z' shaped

D. both a and b

Answer:



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8. Ex-situ conservation is done though -

A. national park

B. Zoological park

C. Sanctuary

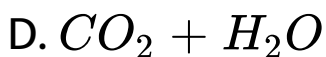
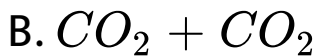
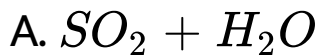
D. Biosphere reserve.

Answer:



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9. Photo-chemical smog is formed due to -



Answer:



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10. Central Dogma is related with the synthesis of -

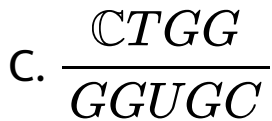
- A. amino acid synthesis
- B. polypeptide synthesis
- C. m RNA synthesis
- D. DNA synthesis.

Answer:



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11. Which one is polydromic?



Answer:



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12. Proconsul is another name of -

- A. Ramapithecus
- B. Parapithecus
- C. Egyptopithecus
- D. Dryopithecus.

Answer:



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13. The example of Halucinogen drug is -

A. 1.Methadone

B. 2.Barbiturant

C. 3.Cannabis

D. 4.Alcoholic beverage.

Answer:



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14. Define : Biopiracy and Biofortification.

A. Genetic application to improve quality of food

B. bio patent

C. to develop bio safety

D. to develop disease free in plants.

Answer:



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15. Most harmful for ozone layer depletion is -

A. 1. CO_2

B. 2. CH_4

C. 3.CFC

D. 4. SO_2

Answer:



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16. Which enzyme helps to join the Okazaki fragments?



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17. Name one protozoa born disease in bee.



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18. Which disease is also known as 'Lock Jaw'?



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19. Name the situation when stamen is matured before the maturity of carpel.



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20. Name one table breed fowl.



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21. Define asymmetry. Give example.



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22. Define colostrum.



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23. Give an example of vector used in biotechnology.



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24. What is multiple allele? Give one example.



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25. Define sibling species.



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26. What is green data book? What do you mean by cryopreservation?



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27. Give two features of cancer cell.



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28. What do you mean by habitat and ecological niche?



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29. Write the differences between T-lymphocyte and B lymphocyte. Write the causative agent of Loffer's Syndrome.



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30. Write the differences between allogamy and genogamy. What is chalazogamy?



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31. Write three features of genetic code.



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32. State briefly the initial phase of DNA replication.



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33. Prove that DNA replication is a semi-conservative process with the help of

Meselson and Stahl experiment.



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34. What is genetic drift? Write its importance in evolution.



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35. What is gene flow? Write its importance.



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36. Define genetic drift.



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37. What is gene flow? Write its importance.



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38. After fertilization, how embryo is implanted on the endometrial layer of uterus?



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39. What is BOD? Give a word diagram of sewage treatment process.



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40. Write three importance of tissue culture.



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41. What is biopiracy? Give example. What is patent?



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42. What is single cell protein? Give example.
What is biofortification?



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43. Write two features of entemophilous and hydrophilous flower each.



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44. State about the production of human insulin by biotechnology.



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45. What is MOET? Name one viral disease and one bacterial disease of fowl.



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46. State about the histological structure of testes of human with a proper diagram. Mention one function of HCG.



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47. What is oogenesis? State briefly the process of oogenesis. Write the function of inhibin.



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



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49. State briefly about the formation of male gametophytic development in a flowering plant with a proper diagram. Give an example of malacophilous flower.



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50. Write causes of ozone hole formation.



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51. Write the differences between genetic & species diversity. State the causes of loss of biodiversity.



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