



BIOLOGY

BOOKS - VIKRAM PUBLICATION (ANDHRA PUBLICATION)

APPLIED BIOLOGY

Very Short Answer Questions

1. What are the factors constitute dairying?



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2. Which of the following statement is not correct regarding inbreeding?



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3. Distinguish between out-cross and cross-breed.



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4. Define the terms layer and broiler.



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5. What is apiculture? How is it important in our lives?



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6. Distinguish between a drone and worker in honey bee colony



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7. Inland fishery' refers is



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8. Which one of the following fish is being illegally introduced for aquaculture purposes and is posing a threat to the indigenous catfishes of Indian rivers ?



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9. Explain the term hypophysation



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10. List out any two Indian carps and two exotic carps



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11. Fish meal is a rich source of





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12. The arrangement of aminoacids in a polypeptide is determined by



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13. Salk's vaccine has



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14. In C_4 plants enzymes of PCR cycle are present in



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15. The site for production of ADA in the body is



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16. 95% of transgenic animals are



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17. Computer based study and designing of genome is called



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18. Which of the following is not a characteristic feature of cancer cells?



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19. How do we obtain radiographs?



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20. What is tomogram?



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21.

Column - I

a) Electromagnet

b) D . C . Motor

c) MRI

d) Electric Generator

Column - II

P) Trains

Q) Telegraph

R) Power Plane

S) Medicine



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22. The end of ventricular systole of a cardiac cycle in ECG is marked by



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23. In ECG P-R interval is prolonged due to



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24. Antibodies are



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25. Which of the following techniques serve the purpose of early diagnosis ?

(A) Recombinant DNA technology

(B) PCR (C) ELISA



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Short Answer Questions

1. Name the methods employed in animal breeding. According to you which of the methods is best? Why?



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2. What is meant by the term 'breed'? What are the objectives of animal breeding?



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3. Explain in brief the role of animal husbandry in human welfare



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4. In MOET (Multiple Ovulation Embryo Technology), the fertilized eggs from a cow are collected in these stages.



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5. Write short notes on controlled breeding experiments



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6. Explain the important components of poultry management



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7. Which of the following is the "bird flu virus"?



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8. The most commonly maintained species of bees by bee-keepers is

(or)

Which one of the following species of bee is used for the commercial production of honey



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