



BIOLOGY

BOOKS - MBD -HARYANA BOARD

STRATEGIES FOR ENHANCEMENT IN FOOD PRODUCTION

Example

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



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2. What is animal husbandry? What are its advantages?



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3. If your family owned a dairy farm, what measures would you undertake to improve the quality and quantity of milk production?



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



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



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



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15. Why buffalo hide is preferred over cattle hide?



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16. Define the livestock.



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17. List three categories of cattle on the basis of their utility. Give one example of each.



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19. Differentiate mulch breeds and draught breeds of cattle.



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21. What is surrogate mother?



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22. List the products obtained from bee keeping .



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23. What is an inbred line?



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24. What is an explant?



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25. What is agronomy?



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26. Name a sugarcane variety that is native to South India.



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27. Name one variety each of the following with insect pest resistance.



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28. Name a wheat variety each of the following with insect pest resistance.



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29. Name a wheat variety with high protein.



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30. List the main elements of animal husbandry.



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COWS.



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39. What is animal breeding ?Name two main method.



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40. Explain natural breeding of livestock.



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41. How is cross breeding useful in cattle?



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42. Give an account of out-breeding of animals.



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43. Define artificial insemination.



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44. Mention the advantages of artificial insemination.



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53. Define harvesting. List various methods of harvesting of fishes.



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55. What are the uses of honey?



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66. What are objectives of plant breeding?



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67. List the important methods of crop improvement.



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68. Show the different activities in plant breeding.



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69. "Success of a breeding programme depends on creation of desire genetic variation.".Explain.



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70. What is a hybrid? Explain the procedure of obtaining a hybrid.



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71. What is selection? Explain.



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72. Briefly explain steps of mutation breeding.





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73. Explain inbreeding depression.



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74. List the practical application of mutation breeding.



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75. What are limitations of mutation breeding?



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76. Briefly explain hybridization. Give one example.



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77. Describe plant breeding for disease resistant. List the steps. Give a few examples.



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78. How is a disease - resistant plant selected for successful breeding?



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79. Define inbreeding .What is the danger of inbreeding.



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80. What are advantages of inbreeding?



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81. How is an allopolyploid produced?Explain with an example.



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82. Write short notes on polyploidy and autopolyploidy.



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83. Name some improved varieties of wheat.



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84. Name some improved varieties of Rice in India.



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94. What is somatic hybridisation? Briefly explain in the steps involved. Give one example.



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95. Explain the Genetically modified food.



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96. What is Tissue Culture ? Briefly explain list the advantages of micro-propagation.



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97. Differentiate inbreeding and outbreeding.



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98. What steps should be taken to improve production of food from animal sources in our

country?



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99. Discuss the role of plant tissue culture in increasing food production.



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100. Discuss practical applications of plant tissue culture.



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101. Explain the following term in not more than 70 words.

Single cell proteins.



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102. What are the advantages of high yielding varieties of crops?



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103. What are the disadvantages of high yielding varieties of crops ?



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104. What is cryopreservation? Explain.



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Exercise

1. _____breeds of animals are introduced in an area from an outside country.



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2. Fill in the blanks with suitable words:

Milk yielding breeds of cattle are called..... .



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3. Fill in the blanks with suitable words:

Honey bee is a insect.



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4. Fill in the blanks with suitable words:

technical name of silkworm is



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5. Fill in the blanks with suitable words:

..... and an pituitary hormone used to induce spawning in fishes.



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6. Fill in the blanks with suitable words:

..... and are two methods of fishing.



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7. Fill in the blanks with suitable words:

..... is a disease of silkworm.



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8. State true or false:

Best milch breed of cattle is Holstein.



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9. State true or false:

Dr.V.Kurien is called father of white revolution.



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10. State true or false:

Exotic breed which is very popular for egg laying but is not ideal for meat purposes is White Leghon.



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11. State true or false:

About 3,000 cows can be impregnated from a semen of pedigree bull.



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12. State true or false:

Karen-Swiss is a high milk yielding cross breed of cows.



Watch Video Solution

13. State true or false:

Silkworm feeds on willow leaves.



Watch Video Solution

14. Coin one word for the following statements:

Young ones of fishes which come out of egg.



Watch Video Solution

15. Coin one word for the following statements:

Rearing of birds.



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16. Coin one word for the following statements:

Rearing of silk worm for obtainng silk.



Watch Video Solution

17. Coin one word for the following statements:

the science or rearing ,feeding ,caring and breeding.



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18. Best milch breed of cattle is :

A. Red Sindhi

B. Deoni

C. Holstein

D. Sahiwal.

Answer:



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19. A viral disease of silkworm is

A. Mucsardine

B. Pebrine

C. Maggot disease

D. Flacherie.

Answer:



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20. MOET (Multiple Ovulation Embryo Transfer) is a method of

- A. fish cultivation
- B. hybridisation of cattle
- C. birth control
- D. cloning of sheep.

Answer:



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21. Bombyx mori is a

A. caterpillar

B. trochophore

C. nymph

D. cocoon.

Answer:



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22. Oak silkworm is

- A. *Bombyx mori*
- B. *Antheraea roylei*
- C. *Antheraea assamica*
- D. *Attacus ricini*.

Answer:



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23. Which is correctly matched ?

A. apiculture-honey bee

B. pisciculture-silk moth

C. sericulture-fish

D. aquaculture-mosquito.

Answer:



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24. In India maximum silk is produced by

A. Assam

B. Karnataka

C. Gujarat

D. Kerala.

Answer:



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25. Tassar silk is obtained from

A. *Antheraea roylei*

B. *Bombyx mori*

C. *Apis indica*.

D. *Apis dorsata*.

Answer:



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26. Fishes reared in culture fishery in India are

:

A. Salmon and Rahu

B. salmon and Catla

C. Catla and Magur

D. Rohu and catla.

Answer:



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27. Exotic breeds of poultry are :

A. White Leghorn and Rhode Island Red

B. Rhode Island Red and Andalusian

C. Plymoth and Andalusian

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