



BIOLOGY

BOOKS - MBD -HARYANA BOARD

IMPROVEMENT INFOOD RESOURCES

Example

1. What do we get from cereals, pulses, fruits and vegetables ?



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2. How do biotic and abiotic factors affect crop production ?



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3. What are the desirable agronomic characteristics for crop improvements ?



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4. What are macronutrients and why are they called macronutrients ?



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5. How plants get nutrients ?



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6. Compare the use of manure and fertilizers in maintaining soil fertility.



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7. Which of the following conditions will give the most benefits ?

(i) Farmer use quality seed but not adopt irrigation and use fertilizer.

(ii) Farmer use ordinary seeds and adopt irrigation and use fertilizer.

(iii) Farmer use quality seeds and adopt irrigation and use fertilizer and use crop protection measures.



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8. Why should preventive measures and biological control methods be preferred for protecting crops?



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9. What factors may be responsible for huge losses of grains during storage ?



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10. Which method is commonly used for improving cattle breeds and why ?



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11. Discuss the implications of the following statement.

"It is interesting to note that poultry is India's most efficient converter of low fibre food stuff (which is unfit for human consumption) into highly nutritious animal protein food,"



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12. Discuss the implications of the following statement.

"It is interesting to note that poultry is India's most efficient converter of low fibre food stuff (which is unfit for human consumption) into highly nutritious animal protein food,"



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13. What management practices are common in dairy and poultry farming ?



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14. What are the differences between broilers and layers and in their management?



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15. How are fish obtained ?





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16. What are the advantages of composite fish culture ?



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17. What are the desirable characters of bee varieties suitable for honey production?



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18. What is pasturage and how is it related to honey production ?



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19. Explain any one method of crop production which ensures high yield.



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20. Why are manure and fertilizers used in fields ?



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21. What are the advantages of inter-cropping and crop rotation?



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22. What is genetic manipulation ? How is it useful in agricultural practices ?



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23. How do storage grain losses occur?



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24. How do good animal husbandry practices benefit farmers?



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25. What are the benefits of cattle farming ?



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26. How do you differentiate between capture fishing, mariculture and aquaculture?



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27. How is manure prepared ?



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28. Differentiate between manure and fertilizer.



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29. What is mixed cropping ? Discuss the advantages of mixed cropping.



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30. Define livestock. Classify the cattle on the basis of their utility and give one example of each.



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31. What is the need of proper shelter to cattle ? List the characters of a good animal shelter.



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32. What are additive feeds for cattle ? How can one detect that an animal is sick ?



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33. Write a short note on variety improvement of poultry farming.



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



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35. What are the practices adopted to improve crop production ?



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36. Discuss the preventive and control measures to check losses of grain during storage.



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37. Write a brief account of procedure of Inland Fishery.



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38. Briefly explain marine fisheries.



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39. How human beings depend upon plants and animals for nutrition ?



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40. Define nutrients. Give examples of macronutrients and micronutrients.



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41. What are Fertilizers ?



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42. What is the need of water to plants ?

Explain different types of irrigation system.



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43. How do insect pests attack plants ? Give examples.



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44. What are weeds ? What are the two types of weeds ?



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45. Discuss the three major methods of weed control.



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46. Briefly explain three types of manures on the basis of biological material used.



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47. What are weeds ? How does it affect the yield of crop ?



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48. List any five chemical fertilizers rich in nitrogen.



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49. How has the excess use of pesticides and fertilizers proved harmful ?



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50. What are the two main crop seasons ? List the crops of respective season.



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51. Write a note on organic farming.



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52. Define crop rotation. What is the role of leguminous plants in it ?



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53. What is the role of soil in better yield ?



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54. What is mixed farming ? Define it with suitable examples.



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55. How can mixed farming sustain agricultural production ?



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56. What are the uses of mixed fanning ?



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57. Write a note on crop protection management.



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58. Discuss the requirements for a good crop rotation.



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59. List five groups of plants according to their soil needs for crop rotation.



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60. Describe biological method of pest control.



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61. What is Inter-cropping?



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62. What does cattle feed consist of ?



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63. Differentiate roughage and concentrate.



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64. Discuss the average daily feed of a cow.



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65. Name four animals which provide us food.



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66. Mention the names of animal products which are used as food.



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67. Name any two Indian breeds of : Cow





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68. Name any two Indian breeds of : Buffloes



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69. Mention the improved cross breeds of
COWS.



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70. List some Indian breeds of cows and buffaloes.



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71. Briefly explain contribution of Dr. V. Kurien.



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72. Write a note on foot and mouth disease of cattle.



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73. Write two infectious diseases of each of cows, poultry and fishes.



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74. Mention a few measures for prevention of diseases in the animals.



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75. List the main reasons for low milk-yield of cattle in India.



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76. Name some indigenous and exotic breeds of fowls.



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77. Make a list of diseases of poultry.





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78. Write the names of two exotic breeds of poultry.



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79. What are important points to remember in poultry farming ?



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80. List various measures of prevention of poultry diseases.



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81. Name three common fresh water and three marine food fishes.



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82. Why is fish meat considered advantageous than meat of other animals ?



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83. Why are the major carps considered best culturable fishes ?



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84. Give the economy of fishes.



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85. Give the functions of followings in fishery :

Hapas



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86. Differentiate capture fishery and culture fishery.



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87. List certain common diseases of fishes.



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88. List some measures to control fish diseases.



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89. List the steps of fish seed production by induced breeding techniques.



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90. What are the uses of honey?



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91. Write the components of honey.



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92. Describe the advantages for keeping the ecosystems healthy.



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93. List the varieties of honeybee used for bee keeping.



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94. How are honeybees affected by different factors ?



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95. Explain compound fish culture. List the factors.



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96. What are the uses of chemical fertilizers ?



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97. What are the major sources of food for us ?



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98. List the nutrients supplied by food.



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99. Coin the terms for extensive production of

(1) Fish (2) Milk (3) oil .



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100. What term is used for extensive production of pulses ?



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101. List cereal crops which provide carbohydrates for energy.



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102. Name a few pulses which provide proteins.



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103. List any six oil seed crops which provide fatty acids.



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104. From where we get minerals and vitamins ?



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105. Name three fodder crops.



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106. Name the crops grown in rabi season (November to April).



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107. Name kharif season crops.



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108. How many nutrients are required by plants ?



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109. Name four macronutrients.



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110. Name nine micronutrients.



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111. What is farmyard manure (FYM) ?



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112. What is vermicompost ?



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113. What are nitrogenous fertilizers ? Give one example.



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114. What are complex fertilizers ?



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115. Define irrigation.



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116. Name two potassic fertilizers.



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117. Why even excessive application of manure does not cause pollution ?



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118. List three important nitrogen containing fertilizers.



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119. List three phosphorus containing fertilizers.



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120. Name two potassium containing fertilizers.



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121. What is being traditionally used as manure in our country ?



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122. Define herbicide.





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123. List any three manures.



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124. What is monoculture ?



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125. A farmer grows gram crop between two cereal crops. What agricultural practice is being followed ?



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126. Suppose you are incharge of a grain store. How will you find out the presence of pests ? Mention any two indications.



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127. What are weeds ?



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128. Define fungicide.



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129. What is the basic objective of mixed cropping ?



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130. List any two prominent mixed cropping practices.



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131. Which crops can be grown along with wheat during mixed cropping practices ?



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132. Define intercropping.



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133. Expand HYV.



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134. Name any two subsidiary occupations which are part of mixed farming.



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135. What is row inter-cropping ?



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136. Name any two improved varieties of wheat.



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137. Name any two improved varieties of rice.



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138. What is green revolution ?



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139. Define selection.



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140. Which is the oldest method of crop improvement ?



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141. Give one example of crop combination used in mixed cropping.



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142. PLANT BREEDING



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143. Name the branch which deals with feeding, caring and breeding of domestic animals.



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144. What are milch animals ?



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145. What is meant by 'livestock'?



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146. Give two uses of cattle.



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147. Give two examples of each of indigenous breeds and exotic milch breeds of cows.



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148. Name two high milk yielding cross breeds of cows.



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149. Name two exotic breeds of cows.



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150. Name two breeds of buffalo





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151. What are the two main components of cattle feed?



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152. How roughage and concentrate differ from each other ?



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153. What is ration of cow ?



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154. What are additives ?



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155. Name the progeny of cross breed of Brown Swiss and Sahiwal.



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156. What is artificial insemination ?



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157. Give the term for the process by which a female cow of good breed is stimulated by the hormones to release more ova from its ovaries.



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158. Give the significance of superovulation.



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159. Who is known as Father of White Revolution in India ?



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160. What is NDRI ? Where is it located ?



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161. Name two bacterial diseases of cattle.



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162. Name two viral diseases of the cattle.



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163. Name two animal products in which carbohydrate is totally absent.



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164. Name two non-leguminous dry fodders.



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165. Give one term for the science dealing with rearing of birds.



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166. Name two indigeous breeds of fowls.



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167. Name two exotic breeds of fowls.



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168. Name to high yielding cross breeds of fowls.



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169. What are broilers ?



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170. What are layers ?



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171. Name one viral and one bacterial disease of fowls.



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172. What are vegetarian eggs ?



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173. Define pisciculture.



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174. Give one term for composite fish farming.



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175. What is economic importance of fish as food ?



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176. Name two by products of fishery.



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177. Which two vitamins are present in liver oil of certain fishes ?



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178. Name two indigenous breeds of carps used as food fishes.



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179. Name two exotic breeds of carps used as food for fishes.



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180. What is fish meal ? Give its significance.



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181. Define inland culture fishery.



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182. Give two examples of marine food fishes.



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183. What is hypophysation?



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184. Give the term for the newly hatched youngs of fishes.



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185. Define fingerlings.



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186. What is harvesting ?



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187. Name two methods of fishing.



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188. What are hapas ?



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189. Name two infectious diseases of fishes.



[Watch Video Solution](#)

190. Name two varieties of Indian fishes.



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191. Mention seafood items other than fishes.



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192. Name the different types of ponds.



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193. What products are obtained from bee-keeping ?



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194. Honey is a dense sweet liquid/ Write its composition.



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195. What is the utility of pollen for bees ?



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196. What is a beehive ?



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