



BIOLOGY

BOOKS - VGS PUBLICATION-BRILLIANT

PRODUCTION OF FOOD FROM ANIMALS

Exercise

1. One honey bee hive consists of different types of bees. What are they? How they differ

from each other?



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2. Make a list of characters of local variety of buffaloes which give good quantity of milk in your village.



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3. Explain the process of hatching eggs under broody hen in rural areas.



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4. Write about the accessory products produced in animal husbandry.



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5. What are Estuaries, how they are suitable for both marine and river fish to live?



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6. If you have a chance to visit milk chilling centre, what doubts would you like to clarify?



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7. Polutry? Emu culture/Fish forms/Apiculture. Visit any one of the above industries. Give the information from farmers and prepare a note on this.



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8. Collect news from newspapers about milk production and impurities in milk. Prepare a note and display it on wall magazine.



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9. Collect information about sea weeds, sea kelp from your school library, and write a note with examples.



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10. Observe nearby poultry farm and find out how do they export eggs to market? What material is used for transportation?



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11. Observe a dry honey bee hive and how the bees built it. Draw a picture. How does it look like?



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12. Agriculture and animal husbandry are both sides of the same coin. How can you justify this?



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13. How do you appreciate the uses of cattle?



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14. What makes you amazing in division of work in Honey bee colony, support your answer?



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15. Conversion of agricultural lands into fish ponds lead to food crisis and environments pollution. Write your opinion to conduct a is debate on this issue.



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16. Raju stated that there is a relationship between Animal husbandary and Agriculture?
How do you support this statement?



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17. Form group of four or five students and try to collect information about seeds dispersed by man.



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18. What are the food items that are obtained from animals?



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19. Do we get our food from only domesticated animals ? List out the foods obtained from animals? Discuss in groups and tabulate your discussion in your note book.



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20. Do you know the period from which wild animals were being tamed?



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21. Why did early man domesticate only some animals?



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22. Do all the persons who own agriculture fields also rear cattle?



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23. Is there any relation between agriculture and cattle rearing or animal husbandry?



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24. Where do people rear their cattle in your village?



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25. What are the cattle here, in your area?



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26. At which places fodder is available?



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27. What are the places where water is available?



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28. What are the necessities of rearing of cows, buffaloes, goats and sheep ?



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29. What is the major problem that cattle rearers generally face?



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30. Make list of agriculture practices by using bullocks and buffalos.



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31. Think in which way this practice is helpful to the farmer as well as field crops?



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32. Where is veterinary hospital located in your area?



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33. Which employees are working there in veterinary and what do they do?



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34. Meet a nearby veterinary doctor or animal husbandry assistant. Collect information about common diseases in cattle and prepare a note on them.



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35. From which animals we get maximum milk production?



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36. Apart from cows and buffaloes, which other animals provide milk ?



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37. What are the types of fodder, farmers use at your village ?



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38. How farmers preserve fodder for cattle after harvesting?



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39. Go to a field trip in your village and answer the following questions.

Is there a milk collecting centre in your village?



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40. Go to a field trip in your village and answer the following questions.

How do they collect milk and export?



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41. Go to a field trip in your village and answer the following questions.

How do they decide cost of milk?



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42. Where is milk chilling centre located in your area?



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43. Do you know in which month the rate of milk production is high?



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44. Why the milk production is higher in specific months than remaining year?



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45. What care should be taken while buying cattle for milk production?



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46. What are the occasions where farmers decorate their cattle in your village?



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47. Do they respond when called by names? Do you have any such experience with your pets?



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48. Collect information about biogas production from your school library.



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49. Are the hens reared in the poultry is same as our traditional varieties reared by farmer in the villages?



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50. Think and discuss - is genetically modified food useful or not?



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51. Have you heard about cock fight during some festival seasons. Think and discuss in your class about this type of practices which show human cruelty towards animals.



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52. Do you know how many days a hen, spends to hatch its egg?



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53. Egg is a nutritious food. Collect information about various nutrients in egg and write a note on them in your notebook.



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54. In what way honey bees are helpful in pollination?



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55. Generally where do you find honey bee hives in your surroundings.



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56. In which seasons we find honey bee hives?



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57. Collection of honey from hive is a careful activity. Write a note on how people collect

honey from hives. What did they do for this ?



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58. Ask your parents or teacher how a bear hunts bee hives for honey?



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59. Write a list of fish that are available in your surroundings. Just write local names only?



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60. Do you know to catch fish in pond?



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61. How to catch fish in a large scale?



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62. What will happen if mechanized fishing continuous for a long time?



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63. Ask your teacher what are the uses of oysters?



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64. Tuna is an important fish which is available in our marine area. Display the information on wall magazine.



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65. What is blue revolution? What are its effects?



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66. Make list of food preservation practice in your area.



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67. From where do we obtain food ?



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68. What are the food items that are obtained from animals?



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69. What is animal husbandry ?



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70. How did man use animals since long time?



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71. Why did early man domesticated only some animals?



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72. In what way the animals are useful to us?



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73. What do farmers believe in our country?



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74. Name the animals that domesticate by the people living in rural areas.



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75. What is the important issue in Animal husbandry ?



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76. Where do people rear their cattle in your village?



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77. Where do farmers keep their cattle?



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78. Name the agricultural practices done by using bullocks and he-buffaloes.



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79. How do cattle rearers protect their cattle ?



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80. How is the milk production effected?



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81. 'In rainy season how are cattle protected from mosquitoes ?



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82. Who will provide treatment and health care for cattle ?



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83. Name the dangerous disease in cows and buffaloes.



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84. Sheeps and goats suffer form



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85. How do our government treats milk production.



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86. How much milk is given by traditional species of cows?



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87. How much milk is given by murra species?



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88. Name the traditional varieties of cows.



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89. Name the foreign varieties of cows.



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90. What is the milk yield from foreign varieties?



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91. What is Pasteurization?



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92. Which month the rate of milk production is high?



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93. Who is the father of white revolution?



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94. How is milk secreted?



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95. Why do people in our country decorate their cattle during festivals?



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96. Why do some persons collect bones of dead animals?



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97. What is the use of leather of animals ?



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98. What is Biogas ? How is it produced?



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99. What are Broilers and layers?



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100. Name some local variety of poultry varieties.



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101. What is a polutry?



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102. In which place India is occupied in production of eggs?



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103. Do you know chicken - 65, why is this called so?



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104. In which months, the prices of eggs are more?



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105. Why egg prices are more in January to April?



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106. What is the temperature for hatchability of eggs?



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107. Write a slogan on nutritional Egg.





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108. ____ the Indian traditional variety is meant for fighting



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109. How is hatching done in our rural areas?



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110. What is the weight of Emu bird?



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111. What is the life span of broilers?



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



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113. What is the use of honey bee production?



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114. Which insects are the best pollinators?



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115. How much honey is produced by Indian honey bee ?



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116. Which honey bee produces more honey?



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117. Name the honey bees present in honey bee colony.



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118. What is the primary function of a queen bee?



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119. What is the life span of a queen bee?



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120. What are worker bees?



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121. What is the function of worker bees?



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122. Name the plants that are sources of nectar.



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123. What are the other products in Apiculture? What are they use?



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124. How is bee venom used?



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125. What are the uses of bee wax?



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126. Name the parts present in an artificial bee hive.



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127. Name the pests and predators that attack honey bee colonies.



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128. How are fish important for us?



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129. What are the inland water areas?



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130. Name the crustacean fishery.



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131. Name the local varieties of fish.



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132. Name the marine fish varieties.



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133. What are mechanised fishing ?



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134. Name some marine fishes which are of high economic value.



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135. What are Estuaries, how they are suitable for both marine and river fish to live?



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136. What is the reason for growing fish in paddy fields?



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137. What are the major practices in food production?



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138. How do you appreciate the role of poultry to meet the food needs of the present day increasing population ?



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139. "Fish has high nutrition values" said Shravya. Do you support Shravya ? Why ?



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140. Name the three Indian Major fresh water carps grown in fish culture.



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141. Write a note on different methods used to store the fish in your area.



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142. Write some diseases of tamed animals.



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143. The common and dangerous disease in cows and buffaloes is

- A. Nattala Vyadhi
- B. Galikuntu
- C. Viral infections
- D. Bacterial diseases

Answer:



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144. The doctor who provide treatment and health care for the cattle

- A. Neurologist
- B. Dentist
- C. Veterinary doctor
- D. None

Answer:



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145. In Pasteurization milk is heated at the temperature

A. 63°c

B. 72°c

C. 82°c

D. 92°c

Answer:



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146. In Odisha traditional live stock, the following buffaloes are reared

A. Murra

B. Jaferabad

C. Nagapuri

D. Chilika

Answer:



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147. Layers are reared for the production of

A. Meat

B. Eggs

C. Skin

D. Bones

Answer:



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148. The egg prices are high in the month of

A. January

B. March

C. April

D. January to April

Answer:



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149. ____ the Indian traditional variety is meant
for fighting

A. Aseel

B. Kadaknath

C. Chittagang

D. Bursa

Answer:



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150. The weight of Emu bird is nearly

A. 40 k.g

B. 50 kg

C. 30 k.g.

D. 10 k.g.

Answer:



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151. Number of queen bees in a colony is

A. 4

B. 3

C. 2

D. 1

Answer:



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152. The important fish available in our marine area is

A. Korramenu

B. Jella

C. Tuna

D. Mosu

Answer:



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153. Animal husbandry is a part and parcel

Of _____

A. Games

B. Agriculture

C. Swimming

D. Civilization

Answer:



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154. Nattala vyadhi (worm infection) is prevalent on

A. Cows

B. Buffaloes

C. Sheep and Goat

D. Prawns

Answer:



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155. Traditional variety of cow is _____

A. Jersey

B. Holstein

C. Murra

D. Nagapuri

Answer:



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156. High milk yielding foreign variety

cow _____

A. Jersey

B. Holstein

C. Haryana

D. Both A and B

Answer:



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157. What is the temperature used in Pasteurization ?,

A. 63°c for 30 mnts

B. 65°c for 15 mnts

C. 70°c for 30 mnts

D. 25° c for 15 mnts

Answer:



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158. "White revolution" is related to _____

- A. Increase in rice production
- B. Increase in oil production
- C. Increase in cattle production.
- D. Increase in milk production

Answer:



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159. "Green revolution" is related to _____

- A. Food grains
- B. Aquaculture
- C. Milk production
- D. Freedom movement

Answer:



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160. India held this position in eggs
Production _____

A. 3rd

B. 4th

C. 6th

D. 10th

Answer:



161. India held this position in the production of chicken

A. 4th

B. 5th

C. 6th

D. 8th

Answer:



162. White plymouth, Rhode island Red are examples for

A. Broilers

B. Layers

C. Fishes

D. Prawns

Answer:



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163. Do you know how many days a hen, spends to hatch its egg?

A. 21 days

B. 25 days

C. 28 days

D. 30 days

Answer:



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164. Hatchability of eggs is influenced by_____ *Celsius* temperature.

A. 37°c - 38°c

B. 41°c - 42°c

C. 45°c - 46°c

D. None

Answer:



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165. "Divine food" is _____

A. Fish

B. Prawn

C. Egg

D. Honey

Answer:



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166. The primary function of a queen bee in a hive is _____

- A. To lay eggs
- B. To built the hive
- C. Eating
- D. Honey production

Answer:



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167. "Father of white revolution in India" _____

A. M.S. Swaminathan

B. Verghese Kurien

C. M.S. Viswanathan

D. Prof. Y.V. Rao

Answer:



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168. The purity of milk is calculated by _____

A. Galactometer

B. Ammeter

C. Manometer

D. Lactometer

Answer:



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169. Bee Venom' is prepared in the production
of _____

A. Injections

B. Tablets

C. Hormones

D. Apitoxin

Answer:



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170. India has the coast line about _____

A. 7500 mm

B. 7500 m

C. 6500 Km.

D. 7500 kms

Answer:



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171. The major use of "bee wax" is _____

A. Medicinal industry

B. Textile industry

C. Furniture making

D. Shoe polish / creams making

Answer:



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172. "Flightless bird" that is reared for commercial practice _____

A. Ostrich

B. Emu

C. Kiwi

D. Swift

Answer:



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173. Bones of dead cattle are used in

A. Chemical industry

B. Fertilizer industry

C. Textile industry

D. Sugar factories

Answer:



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174. Seaweeds are used in the production of

A. Colours

B. Medicines

C. Phycocolloids

D. Varnish

Answer:



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175. "Operation flood" means _____

- A. Increasing in the production of eggs
- B. Increase in the production of chicken
- C. Increase in the production of milk
- D. Increase in the production of fish

Answer:



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176. In which month the milk production is high in our state ?

A. January

B. April

C. November

D. August

Answer:



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177. _____ can be produced by cattle waste.

A. Fertilizer

B. Cement

C. Biogas

D. Medicines

Answer:



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178. How many recognised honey bee species are there in India ?

A. 3

B. 4

C. 5

D. 6

Answer:



179. Life span of a queen bee is _____

A. 4-5 years

B. 5-6 years

C. 1-2 years

D. 7-8 years

Answer:



180. Drone lives for _____ days.

A. 47

B. 37

C. 55

D. 77

Answer:



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181. *Apis mellifera* produces ____ kgs of honey per annum.

A. 3-10 kgs

B. 10-15 kgs

C. 15-20 kgs

D. 25-30 kgs

Answer:



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182. The milk of this buffalo tastes a bit salty and kept up to 7 days without refrigeration _____.

A. Murrah

B. Jersy

C. Kangayam

D. Chilika

Answer:



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183. The bullock that is best suitable for drought areas_____.

A. Chilka

B. Ongole

C. Kangayam

D. Nagapuri

Answer:



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184. According to Economical and Statistical Survey of India -2011_____ liters of milk is produced in our state.

A. 40-50 Lakh

B. 40 - 60 lakh

C. 100 lakh

D. 20 lakh

Answer:



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185. Holstein and Jersey give ____ liters of milk per day.

A. 15

B. 20

C. 16

D. 25

Answer:



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186. Example for sea weeds _____

A. Agar-agar

B. Ulva

C. Sargassum

D. All the above

Answer:



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