



# BIOLOGY

## BOOKS - SARAS PUBLICATION

### Trends In Economic Zoology

#### Example

1. What is seed lac?



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2. Define cross breeding.



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3. Define zoology.



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4. Define vermitech.



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5. What is meant by vermicast?



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6. What is economic zoology?



[Watch Video Solution](#)

7. What are endemic species of earthworm?



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**8.** What is vermicompost?



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**9.** What is sericulture?



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**10.** Which is known as silk road?



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**11.** What is moriculture?



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**12.** What is post cocoon processing?



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**13.** What is stifling?



**Watch Video Solution**

**14.** Define reeling.



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**15.** What is apiculture?



**Watch Video Solution**

**16.** What is nuptial flight?



**Watch Video Solution**

**17.** What is pheromone?



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**18.** What are brood cells?



**Watch Video Solution**

**19.** Define voltinism.



**Watch Video Solution**

20. What is swarming in lac culture?



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21. What is bee veil?



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22. What is uncapping knife?



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**23.** What is called propolis?



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**24.** What is meant by lac culture?



**Watch Video Solution**

**25.** What is meant by lac harvesting?



**Watch Video Solution**

**26.** What is meant by stick lac?



**Watch Video Solution**

**27.** What is aquaponics?



**Watch Video Solution**

**28.** What is hydroponics ?



**Watch Video Solution**

**29.** What is aquaculture?



**Watch Video Solution**

**30.** Define pisciculture.



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**31.** What is Mariculture?



**Watch Video Solution**

**32.** What is metahaline culture?



**Watch Video Solution**

**33.** What is meant by composite fish culture?



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**34.** What is exotic fish culture?



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**35.** What is meant by animal husbandary?



**Watch Video Solution**

**36.** Define hyperparasitism.



**Watch Video Solution**

**37.** What is inoculation in lac insect?



**Watch Video Solution**

**38.** What is meant by biological indicators ?

Give example .



**Watch Video Solution**

**39.** Define endemism.



**Watch Video Solution**

**40.** What is Vermiwash?



**Watch Video Solution**

**41.** Differentiate nuptical flight from swarming.



**Watch Video Solution**

**42.** Differentiate swarming in honey bee and lac insect.



**Watch Video Solution**

**43.** Name the three caste in a honey bee colony.



**Watch Video Solution**

**44.** Name the following.

i. The largest bee in the colony.



**Watch Video Solution**



**45.** Name the following.

ii. The kind of flight which the new virgin queen takes along with the drones out of the hive.



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**46.** What happens to the drones after mating fight ?



**Watch Video Solution**

**47.** Name any two trees on which lac insect grows.



**Watch Video Solution**

**48.** What is seed lac?



**Watch Video Solution**

**49.** Define cross breeding.



**Watch Video Solution**

**50.** What are the main duties of a worker bee ?



**Watch Video Solution**

**51.** Give the economic importance of prawn fishery.



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**52.** List any three common uses of shellac.





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**53.** What are the advantages of artificial insemination ? D



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**54.** Mention the advantages of MOET.



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**55.** Write the peculiar characters of duck.



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**56.** Animal husbandry is the science of rearing, feeding and caring, breeding and disease control of animals. It ensures supply of proper nutrition to our growing population through activities like increased production and improvement of animal products like milk, eggs, meat, honey, etc.

a. Poultry production depends upon the photo period. Discuss



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**57.** Animal husbandry is the science of rearing, feeding and caring, breeding and disease control of animals. It ensures supply of proper nutrition to our growing population through activities like increased production and improvement of animal products like milk,

eggs, meat, honey, etc.

b. Polyculture of fishes is of great importance.



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**58.** Write the advantages of vermicomposting.



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**59.** Give the economic importance of Silkworm.



**Watch Video Solution**

**60.** What are the nutritive values of fishes?



**Watch Video Solution**

**61.** Give the economic importance of lac insect.



**Watch Video Solution**

**62.** Discuss the various techniques adopted in cattle breeding.



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**63.** Define zoology?



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**64.** Define vermitech.



**Watch Video Solution**

**65.** What is meant by vermicast?



**Watch Video Solution**

**66.** Write two aims of vermiculture?



**Watch Video Solution**

**67.** What is Economic Zoology?



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**68.** What are endemic species of earthworm?



**Watch Video Solution**

69. The exotic species of earthworms are.....



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70. What is vermicompost?



[Watch Video Solution](#)

71. What is sericulture?



[Watch Video Solution](#)

**72.** Which is known as silk road?



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**73.** What are the components of the sericulture industry?



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**74.** B.mori means



[Watch Video Solution](#)

**75.** What is moriculture?



[Watch Video Solution](#)

**76.** What is post cocoon processing?



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**77.** What is stifling?



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78. Define reeling.



[Watch Video Solution](#)

79. What is the favourable season for cultivating mulberry plants?



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**80.** Name the predators of earthworms?



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**81.** Name the dangerous disease in silkworm?

What is its causative agent?



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**82.** What is BmNPv? Which group it belongs

to?



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**83.** Name the fungal disease caused by fungus *Beauveria bassiana*?



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**84.** What is apiculture?



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**85.** Name the species that produces large amount and least amount of silk in India?



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**86.** What are the types of honey bees found in a colony?



**Watch Video Solution**

**87.** What is nuptial flight?



[Watch Video Solution](#)

**88.** What is pheromone?



[Watch Video Solution](#)

**89.** What are blood cells?



[Watch Video Solution](#)

**90.** Define voltinism.



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**91.** Name the two types of bee hives



**Watch Video Solution**

**92.** Explain the parts of the Langstroth bee hive.



**Watch Video Solution**

**93.** Who is called the king of the bee colony?

Why is it called so?



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**94.** What is meant by swarming in lac insect?



**Watch Video Solution**

**95.** What is Bee veil?



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**96.** What is the use of:

(a) Uncapping knife (b) Bee brush

(c) Queen introducing cage (d) Feeders

(e) Honey Extractor (F) Hive Entrance Guard



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**97.** What is the use of:

(a) Uncapping knife (b) Bee brush

(c) Queen introducing cage (d) Feeders

(e) Honey Extractor (F) Hive Entrance Guard



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**98.** What are the major constituents of honey?



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**99.** What are the medicinal uses of honey?



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**100.** What is called propolis?



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**101.** What is meant by lac culture?



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**102.** Name any two trees on which lac insect grows.



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**103.** What is meant by lac harvesting?



**Watch Video Solution**

**104.** What is meant by stick lac?



**Watch Video Solution**

**105.** What is aquaponics?



**Watch Video Solution**



**106.** What is hydroponics ?



**Watch Video Solution**

**107.** What is aquaculture?



**Watch Video Solution**

**108.** Name two cultivable fishes?



**Watch Video Solution**

**109.** Classify aquaculture according to their sources.



**Watch Video Solution**

**110.** Define pisciculture.



**Watch Video Solution**

**111.** What is Mariculture?



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**112.** What is metahaline culture?



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**113.** Write a note on Artemia?



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**114.** What are the three types of fishes?



**Watch Video Solution**

**115.** What are the external factors affecting fish culture?



**Watch Video Solution**

**116.** What is artificial fertilization?



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**117.** What are the two types of breeding?



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**118.** What are the different types of ponds?



**Watch Video Solution**

**119.** What is meant by composite fish culture?



**Watch Video Solution**

**120.** What is meant by composite fish culture?



**Watch Video Solution**

**121.** What is exotic fish culture?



**Watch Video Solution**

**122.** Name the exotic fishes cultured in India?



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**123.** How fish meal is prepared?



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**124.** What is Nursery pond?



**Watch Video Solution**

**125.** What are the methods used in harvesting fishes?



**Watch Video Solution**

**126.** How are harvested fishes preserved?



**Watch Video Solution**

**127.** Write two purposes of harvesting fishes?



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**128.** Mention the names of some species of prawn?





**Watch Video Solution**

**129.** What are the types of Prawn fishery?



**Watch Video Solution**

**130.** Name the factors that determine the success of marine prawn culture.



**Watch Video Solution**

**131.** Where are pearl oysters found?



**Watch Video Solution**

**132.** What is the composition of pearl?



**Watch Video Solution**

**133.** What are the parameters needed to maintain dairy and poultry farms?



**Watch Video Solution**

**134.** What is meant by animal husbandary?



**Watch Video Solution**

**135.** What is thawing?



**Watch Video Solution**

**136.** Define dairying?



**Watch Video Solution**

**137.** List out the disease in cattle?



**Watch Video Solution**

**138.** Name Poultry diseases.



**Watch Video Solution**

**139.** List out the exotic breeds of duck.



**Watch Video Solution**

**140.** Define poultry?



**Watch Video Solution**

**141.** Write two importances of meat?



**Watch Video Solution**

**142.** What are the types of Poultry farming?



**Watch Video Solution**

**143.** Name the two types of bee hives



**Watch Video Solution**

**144.** Define hyperparasitism.



**Watch Video Solution**

**145.** What is inoculation in lac insect?



**Watch Video Solution**

**146.** Why should we breed animals?



**Watch Video Solution**

**147.** What are biological indicators of soil fertility?



**Watch Video Solution**

**148.** What is Endemism?



**Watch Video Solution**

**149.** What is virus?



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**150.** What are the areas where zoologists are hired for?



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**151.** Classify animals based on their economic importance



**Watch Video Solution**

**152.** Define vermiculture.



**Watch Video Solution**

**153.** What is called as farmers friend?



**Watch Video Solution**

**154.** How are earthworms divided?



**Watch Video Solution**

**155.** What is meant by vermiwash?



**Watch Video Solution**

**156.** What are the stages involved in rearing process of silkworm?



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**157.** List the different types of silkworms, silk obtained and their preferred food?



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**158.** How do honey bee extract honey from the flowers?



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**159.** Write notes on honey.



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**160.** Write short note on queen bee?



**Watch Video Solution**

**161.** Write notes on workers bee.



**Watch Video Solution**

**162.** What are the uses of bee wax?



**Watch Video Solution**

**163.** Write notes on Bee wax?



**Watch Video Solution**

**164.** What is Isinglass?



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**165.** How are chicken breeds classified? Name them with an example.



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**166.** What is Hatching pit?



**Watch Video Solution**

**167.** What is rearing pond?



**Watch Video Solution**

**168.** What are the types of Prawn fishery?



**Watch Video Solution**

**169.** Name some indigenous cow breeds in india.



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**170.** List the objective of animals breeding?





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**171.** List out the advantages of poultry farming.



[Watch Video Solution](#)

**172.** What are the advantages of duck farming?



[Watch Video Solution](#)

**173.** Write the importance of milk.







[Watch Video Solution](#)

**174.** How are cattles classified based on the purpose they serve to man?



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**175.** Give a note on quality of pearl.



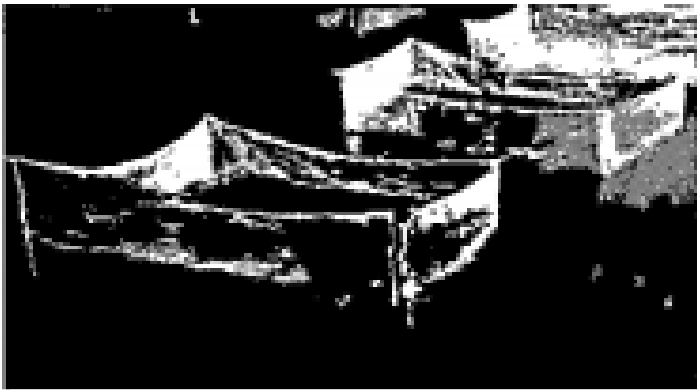
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176. What is silk? How it is secreted by silk moth?

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177. Identify the given diagram

.....



A .....

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**178.** What are the characteristics of cultivable fishes.



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**179.** List the steps involved in programming of pearl industry and artificial insertion of nucleus.



**Watch Video Solution**

**180.** Give a note on harvesting of pearl.



**Watch Video Solution**

**181.** How are prawns caught commonly?



**Watch Video Solution**

**182.** Give notes on collection of oyster.



**Watch Video Solution**

**183.** Give notes on Rearing of oysters?



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**184.** Differentiate nuptial flight from swarming.



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**185.** Differentiate swarming in honey bee and lac insect.





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**186.** What are the primary methods of aquaponic gardening used now a days?



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**187.** Explain the advantages of Aquaponics gardening.



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**188.** Which method is used in large scale poultry farms? Explain the stages involved in rearing of chicken.



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**189.** Explain the structure of Bee comb with a neat diagram.



**Watch Video Solution**

**190.** Name the two types of bee hive used in India. Explain any one.



**Watch Video Solution**

**191.** Write a note on types of chicken breeds.



**Watch Video Solution**

**192.** Describe the life cycle of Bombyx mori.

Life cycle of Bombyx mori:





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**193.** Explain the accessory equipments used in bee keeping and its uses



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**194.** Describe the process of rearing of silkworms?



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**195.** Describe the life cycle of *Bombyx mori*.

Life cycle of *Bombyx mori*:



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**196.** What is vermicomposting? How vermicompost is done?



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**197.** Describe the structure of protein with neat diagram.



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**198.** What are the steps of insertion of nucleus into oyster?



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**199.** Give an account of culture of fresh water prawn.



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## Exercise

**1.** Which one of the following is not endemic species of earthworm?

(a) Perionyx

(a) Lampito

(c ) Eudrillus

(c ) Octochaetona

A. Perionyx

B. Lampito

C. Eudrillus

D. Octohaetona

**Answer:**



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2. Assertion : : Nuptial flight is a unique flight taken the queen bee followed by several drones.

Reasons : The queen bee produces a chemical substance called pheromone. The drones in that area are attracted to the pheromone and then mating takes place.

A. Assertion and reason are correct but not related

B. Assertion and reason are in correct but related

C. Assertion and reason are correct but related

D. Assertion and reason are in correct but not related

**Answer:**



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**3. Assertion:** The best quality of pearl is known as lingha pearl and obtained from marine oysters.

**Reason:** Nacre is secreted continuously by the epithelial layer of the mantle and deposited around the foreign particle.

- A. Assertion is true, Reason is false
- B. Assertion and Reason are false
- C. Assertion is false But Reason is true
- D. Assertion and Reason are true



**Answer:**



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**4. Aquaponics is a technique which is**

A. A combination of aqua culture and fish culture

B. A combination of aqua culture and hydroponics

C. A combination of vermi culture and hydroponics

D. A combination of aqua culture and prawn culture.

**Answer:**



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5. What is the optimum temperature and pH for prawn culture in hatching tank.

A.  $24^{\circ} C - 30^{\circ} C$  pH 7-8

B.  $20^{\circ} C - 30^{\circ} C$  pH 10 - 12

C.  $20^{\circ} C - 23^{\circ} C$  pH 5-6

D.  $19^{\circ} C - 20^{\circ} C$  pH 9-10

**Answer:**



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6. What happens to the drones after mating fight ?



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7. What is seed lac?

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8. Who is called the king of the bee colony?

Why is it called so?

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9. Define pisciculture.



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**10. Define cross breeding.**



**Watch Video Solution**

**11. List the medicinal importance of honey.**



**Watch Video Solution**

**12.** Give the economic importance of prawn fishery.



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**13.** What are the main duties of a worker bee ?



**Watch Video Solution**

**14.** List the objective of animals breeding?



**Watch Video Solution**

**15.** What are the stages involved in rearing process of silkworm?



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**16.** Mention the advantages of MOET.



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**17.** Animal husbandary is the science of rearing, feeding and caring and disease control of animals. It ensures supply of proper nutrition to our growing population through activities like increased production and improvement of animal products like milk, eggs, meat, honey,etc.

a. Poultry production depends upon the photoperiod. Discuss

b. Polyculture of fishes is of great importance.



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**18.** Explain the structure of Bee comb with a neat diagram.



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**19.** Describe the life cycle of Bombyx mori.

Life cycle of Bombyx mori:



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20. Which one of the following is not related to vermiculture?

(a) Maintains soil fertility

(b) Breakdown of inorganic matter

(c) Gives porosity, aeration and moisture holding capacity

(d) Degradation of non biodegradable solid waste

A. a and b is correct

B. c and d is correct

C. b and d is not correct

D. a and c is not correct

**Answer:**



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**21. Which one of the following is not endemic species of earthworm?**

(a) Perionyx

(a) Lampito

(c) Eudrillus

(c) Octochaetona

A. Perionyx

B. Lampito

C. Eudrilus

D. Octochaetona

**Answer:**



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22. Silk is obtained from\_\_\_\_\_.

A. Laccifer lacca

B. *Nosema bombycis*

C. *Attacus ricini*

D. *Attacus mylitta*

**Answer:**



**Watch Video Solution**

**23.** Assertion : : Nuptial flight is a unique flight taken the queen bee followed by several drones.

Reasons : The queen bee produces a chemical

substance called pheromone. The drones in that area are attracted to the pheromone and then mating takes place.

A. Assertion and reason are correct but not related

B. Assertion and reason are incorrect but related

C. Assertion and reason are correct but related

D. Assertion and reason are incorrect but  
not related

**Answer:**



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**24.** Rearing of honey bee is called

A. Sericulture

B. Lac culture

C. Vermiculture

## D. Apiculture

**Answer:**



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**25.** Which of the statement regarding Lac insect is TRUE?

A. A microscopic, resinous crawling sciae insect



B. Inserts its proboscis into plant tissue

suck juices and grows

C. Secretes lac from the hind end of body.

D. The male lac insect is responsible for

large scale production of lac

**Answer:**



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**26.** Aquaponics is a technique which is

A. A combination of aquaculture and fish culture

B. A combination of aquaculture and hydroponics

C. A combination of vermiculture and hydroponics

D. A combination of aquaculture and prawn culture.

**Answer:**



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27. Prawn belongs to the class

A. Crustacea

B. Annelida

C. Coelenterata

D. Echinodermata

**Answer:**



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**28.** Pearl oyster belongs to the Class

- A. Gastropoda
- B. Cephalopoda
- C. Scaphopoda
- D. Pelecypoda

**Answer:**



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**29.** Inland fisheries are .....

A. Deep sea fishing

B. Capturing fishes from sea coast

C. Raising and capturing fishes in fresh  
water

D. Oil extraction from fish

**Answer:**



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**30.** Induced breeding technique is used in ....

A. Marine fishery

B. Capture fishery

C. Culture fishery

D. Inland fishery

**Answer:**



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**31.** Isinglass is used in

A. Preparation

B. Clearing of wines

C. Distillation of wines

D. Preservation of wines

**Answer:**



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**32.** Assertion: The best quality of pearl is known as lingha pearl and obtained from marine oysters.

Reason: Nacre is secreted continuously by the

epithelial layer of the mantle and deposited around the foreign particle.

- A. Asssertion is ture, Reason is false
- B. Assertion and Reason are false
- C. Assertion is false but Reason is true
- D. Assertion and Reason are true

**Answer:**



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**33.** Branch of science deals with study of animals.

A. Botany

B. Zoology

C. Biology

D. Endocrinology

**Answer:**



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34. \_\_\_ is called as farmer's best friend.

A. Ring worm

B. Silkworm

C. Earthworm

D. Tapeworm

**Answer:**



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**35.** The breakdown of organic matter by the activity of the earthworms and its elimination from its body is called .....

A. Vermicast

B. Vermitech

C. Vermiculture

D. Vermicomposting

**Answer:**



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**36.** ..... are the earthworms used for vermicomposting.

A. Tapeworm

B. Earthworm

C. Ringworm

D. Silk worm

**Answer:**



**Watch Video Solution**

37. What are biological indicators of soil fertility?

- A. Vermicast
- B. Earthworm
- C. Vermicompost
- D. Silk worm

**Answer:**



**Watch Video Solution**

**38.** Term 'Vermitech' was proposed by

A. Sultan ismail

B. Darwin

C. Albert

D. Linnaeus

**Answer:**



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39. The exotic species of earthworms are.....

A. *Eisenia fetida*

B. *Eudrilus eugeniae*

C. *Lampito mauritii*

D. a and b

**Answer:**



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40. Length of adult *Bombyx mori* is

A. 2.5 cm

B. 4 cm

C. 3.5 cm

D. 3 cm

**Answer:**



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**41. Life span of Bombyx mori**

A. 2-3 days

B. 3-5 days

C. 4-8 days

D. 5-6 days

**Answer:**



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42. Number of eggs laid by *Bombyx mori* once?

A. 500-800

B. 400-500

C. 600-1000

D. 300-500

**Answer:**



**Watch Video Solution**

**43.** What is moriculture?

A. Cultivation of mulberry

B. Rearing of castor

C. Vermicomposting

D. Stifling

**Answer:**



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44. The process of killing the cocoons is called

.....

A. Reeling

B. Stifling

C. Vermicompost

D. Spinneret

**Answer:**



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45. Pebrine is a dangerous disease to silkworms caused by .....

A. Pebrine

B. Charakhas

C. Nosema

D. Streptococcus

**Answer:**



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**46.** What is the ideal period for mulberry culture?

A. January, February, November, December

B. March, April, June, July

C. October, November, June, July

D. June, July, November, December

**Answer:**



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47. Silk moth is matured in \_\_\_\_ days

A. 40 days

B. 45 days

C. 50 days

D. 35 days

**Answer:**



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**48.** In which temperature cocoon is soaked in hot water?

A.  $95^{\circ} C - 97^{\circ} C$

B.  $95^{\circ} C - 98^{\circ} C$

C.  $100^{\circ} C - 105^{\circ} C$

D.  $100^{\circ} - 102^{\circ} C$

**Answer:**



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49. Disease caused by fungus in silkworm

A. Beauveria bassiana

B. Nosema bombycis

C. Baculovirus

D. Streptococcus

**Answer:**



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50. The areas where a lot of bee hives can be placed

A. Honey culture

B. Apiculture

C. Apiaries

D. All the above

**Answer:**



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51. Match the following with correct sequence

- i. *Apis dorsata* - a) African bee
- ii. *Apis florea* - b) Rock bee
- iii. *Apis indica* - c) Indian bee
- iv. *Apis mellifera* - d) Little bee
- v. *Apis adamsoni* - e) European bee

A. i - b ii - d iii - c iv - e v - a

B. i - a ii - b iii - c iv - d v - e

C. i - b ii - c iii - a iv - d v - e

D. i - d ii - c iii - b iv - a v - e

**Answer:**



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52. Queen bee lays \_\_\_ eggs in a life span of 2-4 years

A. 14 lakhs

B. 10 lakhs

C. 15 lakhs

D. 5 lakhs

**Answer:**



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**53.** Life span of worker bee

A. 7 weeks

B. 6 weeks

C. 5 weeks

D. 3 weeks

**Answer:**



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**54.** How many days are needed for the worker bee to become a matured one

A. 15 days

B. 21 days

C. 20 days

D. 1 days

**Answer:**



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55. The nectar got from the flower is converted into honey by the enzyme.

A. Invertase

B. Zymase

C. Lipase

D. None of the above

**Answer:**



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**56.** House of honey bee is

A. Bee hive

B. Brood cells

C. Nectar

D. Flower

**Answer:**



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## 57. Beehives in India

A. Langstroth

B. Newton

C. Albert

D. (a) and (b)

**Answer:**



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58. The resinous chemical substance present in the bee wax is called .....

A. Propolis

B. Bee wax

C. Pollen

D. Nectar

**Answer:**



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## 59. Chief products of bee-keeping industry

- A. Honey and feeder
- B. Honey and bee wax
- C. Pollen and nectar
- D. Honety and nectar

**Answer:**



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**60.** Aromatic sweet material derived from nectar of plants

A. Honey

B. Bee wax

C. Pollen

D. Nectar

**Answer:**



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61. Which is not a major constituent of honey?

A. Levulose

B. Dextrose

C. Maltose

D. Lactose

**Answer:**



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62. Lac is produced by the lac insert

A. Tachardia lacca

B. Acacia catechu

C. Acacio nilotica

D. Schleichere oleosa

**Answer:**



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**63.** Growing plants in non-soil media and nutrient-laden water is called .....

A. Aquaponics

B. Hydroponics

C. Aquaculture

D. Deep wate culture

**Answer:**



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**64.** In which year aquaponics was started in India?

A. 2013

B. 2015

C. 2016

D. 2012

**Answer:**



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**65.** Raft based method is also known as \_\_\_\_\_

A. Media based culture



B. Deep water culture

C. Aqua vertica

D. Nutrient film technique

**Answer:**



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**66.** Aqua vertica is otherwise known as

A. Hydroponics

B. Aquaponics

C. Raft based method

D. Nutrient film technique

**Answer:**



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**67.** What is the ideal salinity for fish culture in brackish water.

A. 0.5-30 ppt

B. 0.1-25 ppt

C. 0.1-30 ppt

D. 1-10 ppt

**Answer:**



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**68.** Culturing of fishes is called

A. Aquaculture

B. Pisciculture

C. Hydroponics

## D. Aquaponics

**Answer:**



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**69.** Culturing of animals in the water salinity ranges from 30-35‰ is called .....

A. Mariculture

B. Metahaline culture

C. Pisciculture

## D. Aquaponics

**Answer: A**



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**70.** Culturing of animals in the salinity ranges from 36-40% is called ..... culture

A. 30-35%

B. 36-40%

C. 40-42%

D. 40-45%

**Answer:**



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**71. Artemia is a crustacean known as**

A. Koduva

B. Madavai

C. Karimeen

D. Brine shrimp

**Answer:**



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**72.** If a marine fish is placed in a fresh water aquarium will the fish be able to survive ? Why or why not ?

- A. Catla, labeo
- B. Clarias, Catla
- C. Chanos, mullet
- D. Common carps

**Answer:**



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**73. native freshwater fishes**

A. Catla

B. Labeo

C. Clarias

D. All the above

**Answer:**





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74. Name the exotic fishes of India

A. *Catla catla*

B. *Labeo rohita*

C. *Cirrhinus mrigala*

D. *Cyprinus carpio*

**Answer:**



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75. The spawn collecting net is called

A. Benchi jal

B. Hapas

C. Isinglass

D. Fish meal

**Answer:**



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76. Induced breeding is done in fish by

A. Hapas

B. Benchi jal

C. Hypophysation

D. Spawing

**Answer:**



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77. Fishes imported into a country for fish culture are called

- A. Polyculture
- B. Exotic fishes
- C. Isinglass
- D. Surface feeder

**Answer:**



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**78.** Name the vitamin found in fish oil

A. Vit A and E

B. Vit A and D

C. Vit A and K

D. Vit A and C

**Answer:**



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**79.** Isinglass is produced in \_\_ of fishes.

A. Dried gills

B. Dried Air bladder

C. Dried stomach

D. Dried liver

**Answer:**



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**80. Aquatic crustacean**

A. Catla catla

B. Prawn

C. Tuna

D. Mackerel

**Answer:**



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**81.** Which is not a species of prawn?

A. *Penaeus indicus*

B. *Metapenaeus dobsoni*

C. *Macrobrachium rosenbergii*

D. *Cyprinus carpio*

**Answer:**



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**82.** Fresh water pawn

A. *Penaeus indicus*

B. *Macrobrachium rosenbergii*

C. *Penaeus carpio*



D. *Cyprinus carpio*

**Answer:**



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**83.** What is the optimum temperature and pH for prawn culture in hatching tank.

A.  $24^{\circ}C - 30^{\circ}C$  pH 7-8

B.  $20^{\circ}C - 30^{\circ}C$  pH 10-12

C.  $20^{\circ}C - 23^{\circ}C$  pH 5-6

D.  $19^{\circ}C - 20^{\circ}C$  pH 9-10

**Answer:**



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**84.** Pearls were cultured for the first time in india in \_\_\_\_\_

A. Thoothukudi 1973

B. Visakhapatnam 1974

C. Kulachal 1973

D. Rameshwaram 1975

**Answer:**



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**85.** Where are pearl oysters found?

A. Nagapatinam and Thoothukudi

B. Kanyakumari and Gulf of Kutch

C. Visakhapatnam and Kanyakumari

D. Rameshwaram and Bay of Mannar

**Answer:**



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**86.** Oyster used in culturing pearl in fresh water

A. Lamellidens

B. Mytilus

C. Longoria

D. Dentalium

**Answer:**



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**87.** Marine oysters are composed of

- A. Potassium
- B. Carbonate
- C. Calcium carbonate
- D. Magnesium carbonate

**Answer:**



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**88.** Pearls of hearvested in the month of

- A. January to February
- B. March to May
- C. December to February
- D. June to August

**Answer:**



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**89.** Breeding between unrelated animals is known as\_\_

- A. Inbreeding
- B. Out breeding
- C. Cross breeding
- D. None of the above

**Answer:**



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90. Breeding between animals of same breed is known as\_\_\_\_\_

- A. Inbreeding
- B. Out breeding
- C. Cross breeding
- D. None

**Answer:**



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91. Process of interspecific hybridization between a male donkey and a female horse

A. Mule

B. Cross breeding

C. Artificial insemination

D. Thawing

**Answer:**



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92. Smallest breed of cow is

A. Kangeyam

B. Malvi

C. Vechur

D. Gir

**Answer:**



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**93.** High milk yielders with extended lactation

- A. Milch breeds
- B. Draught breeds
- C. Dual purpose breeds
- D. None

**Answer:**



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94. Which one do not belongs to diary breed?

A. Sindhi

B. Gir

C. Sahiwal

D. Malvi

**Answer:**



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95. Which of the cattle breed yield much milk than what they eat?

A. Vechur

B. Kangayam

C. Gir

D. Ongole

**Answer:**



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**96.** Name the disease in cow?

A. Rinderpest

B. Cow pox

C. Anthrax

D. All the above

**Answer:**



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**97.** Commercial chicken breed in India

A. Leghorn

B. Broiler

C. Aseel

D. Silkie

**Answer:**



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**98.** Which among the following is wild duck?

A. Syhelt

B. Muscori

C. Pekin

D. Mallard

**Answer:**



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**99.** Which of the following breed belongs to America?

A. Silkie



B. White plymouth rock

C. Chittagong

D. Aseel

**Answer:**



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**100.** Match the following with correct sequence

- a. Leghorn - i) America  
b. Chittogong - ii) Commercial breed  
c. White plymouth rock - iii) Ornamental breed  
d. Silkie - iv) West bengal

A. a - i b - ii c - iv d - iii

B. a - ii b - iv c - i d - iii

C. a - iii b - iv c - ii d - i

D. a-iv b-iii-c-ii d-i

**Answer:**



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**101.** Incubation period of chicken.

A. 21-22 days

B. 20-24 days

C. 20-21 days

D. 16-29 days

**Answer:**



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**102.** Caring and management of young chicks for 4 - 6 weeks after hatching is

- A. Brooding
- B. Incubating
- C. Farming
- D. Feeding

**Answer:**



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**103.** Which one of the following is not an exotic breed of cow?

A. Pekin

B. Aylesbury

C. Campbell

D. Aseel

**Answer:**



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**104.** Which is not a poultry disease

A. Ranikhet

B. Coccidiosis

C. Fowl pax

D. Anthrax

**Answer:**



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**105.** Aylesbury is a breed of

A. Chicken

B. Fishes

C. Duck

D. Cow

**Answer:**



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**106.** Which is responsible for the meaty flavor of the flesh?

A. Histidine

B. Fishoil

C. Fishmeal

D. Isinglass

**Answer:**



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## 107. Fishes common in Bengal and Kerala

- A. Brackish water fishes
- B. Estuarine fishes
- C. Marine fishes
- D. Mariculture

**Answer:**



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**108.** Device made of fine nettings to protect the bee - keeper from bee-sting.

A. Queen Excluder

B. Comb foundation

C. Bee gloves

D. Bee-veil

**Answer:**



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**109.** The seed lac is sundried and then melted to produce .....

A. Stick lac

B. Seed lac

C. Shellac

D. Lac

**Answer:**



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**110.** Primary goal of vermiculture.

A. Organic culture

B. Vermicast

C. Vermicompost

D. Vermitech

**Answer:**



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**111.** The queen bee followed by several drones.

A. Gregarious flight

B. Nuptial flight

C. Masss flight

D. Migration

**Answer:**



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**112.** Device which prevents the escape of queen

A. Queen introducing cage

B. Feeder

C. Honey extraactor

D. Hive entrance guard

**Answer:**



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**113.** Which fishes spend most of its life in river mouths?

A. Brackish water fishes

B. Estuarine fishes

C. Marine fishes

D. All the above

**Answer:**



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**114.** Assertion (A) : Prawn is an aquatic crustacean

Reason (R) : *Macrobrachium rosenbergii* is used in fresh water culture.

A. Assertion (A) and reason (R) are true and reason (R) is the correct explanation of A.

B. A and R are true but reason is not the correct explanation of A

C. A is true but R is false

D. Both A and R are false



**Answer:**



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**115.** Assertion (A): Cultivable fishes are four types.

Reason (R) : They are all cultured in India

A. Assertion (A) and reason (R) are true and reason (R) is the correct explanation of A.

B. A and R are true but reason is not the correct explanation of A

C. A is true but R is false

D. Both A and R are false

**Answer:**



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**116.** Assertion (A): Game breeds are used for sports

Reason (R) : Aseel breed belong to game breeds

- A. Assertion (A) and reason (R) are true and reason (R) is the correct explanation of A.
- B. A and R are true but reason is not the correct explanation of A
- C. A is true but R is false
- D. Both A and R are false

**Answer:**



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**117.** Assertion (A) : Earthworms are divided into several groups.

Reason (R) : They are also known as farmer's friend

- A. Assertion (A) and reason (R) are true and reason (R) is the correct explanation of A.
- B. A and R are true but reason is not the correct explanation of A
- C. A is true but R is false
- D. Both A and R are false

**Answer:**



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**118.** Assertion (A) :Streptococcus and Staphylococcus are bacteria that occur in silkworm.

Reason (R) : Flacherie is a disease caused by it

A. . Assertion (A) and reason (R) are true and reason (R) is the correct explanation of A.

B. A and R are true but reason is not the correct explanation of A

C. A is true but R is false

D. Both A and R are false

**Answer:**



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**119.** Assertion (A): Bee wax is secreted by the abdomen of the worker bees

Reason (R) : Queen bee is the functional female bee feeds on Royal jelly

A. . Assertion (A) and reason (R) are true and reason (R) is the correct explanation of A.

B. A and R are true but reason is not the correct explanation of A

C. A is true but R is false

D. Both A and R are false

**Answer:**



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**120.** Which one of the following is not related to vermiculture?

(a) Maintains soil fertility

(b) Breakdown of inorganic matter

( c) Gives porosity, aeration and moisture holding capacity

(d) Degradation of non biodegradable solid waste

A. a and b is correct



B. c and d is correct

C. b and d is not correct

D. a and c is not correct

**Answer:**



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**121.** Which one of the following is not endemic species of earthworm?

(a) Perionyx

(a) Lampito

(c ) Eudrillus

(c ) Octochaetona

A. Perionyx

B. Lampito

C. Eudirillus

D. Octochaetona

**Answer:**



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**122.** Assertion : : Nuptial flight is a unique flight taken the queen bee followed by several drones.

Reasons : The queen bee produces a chemical substance called pheromone. The drones in that area are attracted to the pheromone and then mating takes place.

A. Assertion and reason are correct but not related

B. Assertion and reason are incorrect but related

C. Assertion and reason are correct but related

D. Assertion and reason are incorrect but not related

**Answer:**



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## 123. Aquapon

A. A combination of aquaculture and fish culture

B. A combination of aquaculture and hydroponics

C. A combination of vermiculture and hydroponics

D. A combination of aquaculture and prawn culture.

**Answer:**



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**124.** Pearl oyster belongs to the Class

- A. Gastropoda
- B. Cephalopoda
- C. Scaphopoda
- D. Pelecypoda

**Answer:**



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**125.** Assertion: The best quality of pearl is known as lingha pearl and obtained from marine oysters.

Reason: Nacre is secreted continuously by the epithelial layer of the mantle and deposited around the foreign particle.

A. Assertion is true, Reason is false

B. Assertion and Reason are false

C. Assertion is false but Reason is true

D. Assertion and Reason are true

**Answer:**



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**126.** How many countries in the world are practicing sericulture.

A. 29

B. 30

C. 10



D. 15

**Answer:**



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**127. Life span of Bombyx mori**

A. 2-3 days

B. 3-5 days

C. 4-8 days

D. 5-6 days

**Answer:**



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**128.** Queen bee lays \_\_\_ eggs in a life span of 2-4 years

A. 14 lakhs

B. 10 lakhs

C. 15 lakhs

D. 5 lakhs

**Answer:**



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**129.** What is the optimum temperature and pH for prawn culture in hatching tank.

- A.  $24^{\circ} C - 30^{\circ} C$  pH 7-8
- B.  $20^{\circ} C - 30^{\circ} C$  pH 10-12
- C.  $20^{\circ} C - 23^{\circ} C$  pH 5-6
- D.  $19^{\circ} C - 20^{\circ} C$  pH 9-10

**Answer:**



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**130.** Name the three caste in a honey bee colony.



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**131.** What happens to the drones after mating fight ?



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**132.** What is seed lac?

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**133.** Define cross breeding.

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**134.** What is Vermicast?



 [Watch Video Solution](#)

**135.** What are endemic species of earthworm?

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**136.** Who is called the king of the bee colony?

Why is it called so?

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**137.** What are the medicinal uses of honey?



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**138.** Define pisciculture.



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**139.** What is meant by composite fish culture?



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**140.** What are the main duties of a worker bee ?



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**141.** Give the economic importance of prawn fishery.



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**142.** What are the advantages of artificial insemination ? D



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**143.** Mention the advantages of MOET?



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**144.** What are the stages involved in rearing process of silkworm?



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**145.** What are the types of Prawn fishery?



**Watch Video Solution**

**146.** Give notes on collection of oyster.



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**147.** Name some indigenous cow breeds in india.



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**148.** List the objective of animals breeding?



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**149.** How are chicken breeds classified? Name them with an example.



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**150.** Animal husbandry is the science of rearing, feeding and caring, breeding and disease control of animals. It ensures supply of proper nutrition to our growing population through activities like increased production and improvement of animal products like milk, eggs, meat, honey, etc.

a. Poultry production depends upon the photo period. Discuss



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**151.** Animal husbandry is the science of rearing, feeding and caring, breeding and disease control of animals. It ensures supply of proper nutrition to our growing population through activities like increased production and improvement of animal products like milk, eggs, meat, honey, etc.

b. Polyculture of fishes is of great importance.



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**152.** Give the economic importance of Silkworm.



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**153.** What are the nutritive values of fishes?



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**154.** Explain the structure of Bee comb with a neat diagram.



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**155.** Describe the life cycle of *Bombyx mori*.

Life cycle of *Bombyx mori*:



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**156.** Describe the process of rearing of silkworms?



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**157.** Discuss the various techniques adopted in cattle breeding.



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