

**B.Sc. 6<sup>th</sup> semester**  
**Name of paper- Apiculture**

**MULTIPLE CHOICE QUESTION LIST WITH ANSWERS**

- 1) How many queens usually live in a bee colony?  
 1 ✓  2  3  4
- 2) How many days does the egg stage last?  
 2  3 ✓  4  5
- 3) How many wings does a bee have?  
 2  3  4 ✓  5
- 4) How does the bee carry the pollen back to its colony?  
 In its body  On its front legs  On its middle legs  On its rear legs ✓
- 5) Which organ prevents the nectar collected, being passed through into the bee's digestive system in order that it can be regurgitated back at the hive?  
 Honey bladder  Gut  Proventriculus valve ✓  Gullet
- 6) What colour is the bee's blood?  
 Red  White  Clear ✓  Black
- 7) What does pollen consist of mainly?  
 Carbohydrates  Protein ✓  Fat  None of the three
- 8) How long does a worker bee live in the summer?  
 about 2 weeks  about 2 months ✓  about 4 months  about 6 months
- 9) What is varroa?  
 a fungus  a bacterium  an insect  an arachnid mite ✓
- 10) Where are the most varroa usually found?  
 in the cells of developing workers  in the cells of developing queens  in the cells of developing drones ✓  on the adult bee
- 11) Where is the surplus honey stored in the bee colony?  
 under the offspring or brood nest  above the brood nest ✓  
 in the brood nest  in front of the brood nest
- 12) What does the bee use to orientate itself when flying during overcast weather without sunshine?  
 3 simple eyes  the 2 compound eyes ✓  
 antennae  legs
- 13) How many worker bees make up about 1 kilo?  
 32,000 bees  24,000 bees  
 17,000 bees  11,000 bees ✓
- 14) What colour can the honey bee not see?  
 Red ✓  Blue  
 Green  Yellow
- 15) How many segments are there in the abdomen of the worker bee?  
 2  4  
 6  8 ✓

- 16) Does the sting of the queen have sharply barbed hooks which prevent it being withdrawn?  
 yes  no ✓
- 17) Does the male bee have a sting?  
 yes  no ✓
- 18) What does the beekeeper feed the bees with?  
 Milk  Herbs  
 Sugar ✓  Fruit
- 19) What is the International Federation of Beekeepers called?  
 FIS  FIFA  IOC  Apimondia ✓
- 20) What is not a bee product?  
 Honey  Beeswax  Nectar ✓  Bee poison
- 21) How many corners (sides) does a honeycomb cell have?  
 4  5  6 ✓  8
- 22) Do bees have hair?  
 yes ✓  no
- 23) What is the name of the bees' dance when nectar can be collected in fewer than 100 metres?  
 Round dance ✓  Wag-Tail dance
- 24) How long does the development of a worker bee take from laying of egg to emerging as a fully formed adult?  
 16 days  19 days  21 days ✓  24 days
- 25) How long does the development of a male bee (drone) take?  
 16 days  19 days  21 days  24 days ✓
- 26) How long does the development of a queen take?  
 16 days ✓  19 days  21 days  24 days
- 27) What is the maximum life of a queen?  
 6 months  1 year  3 years  5 years ✓
- 28) How many eggs can a queen lay one day?  
 500  1000  1500  2000 ✓
- 29) Do drones also collect nectar?  
 yes  no ✓
- 30) How many legs does a bee have?  
 2  4  6 ✓  8
- 31) What is the name given to a colony of bees  
 A Supergrass  A Superorganism ✓  A Collective  A Family