

**ALL QUESTIONS WORTH 4 POINTS**

**THE BEES**

In July, Mat and Ema, together with their father John, invited Tica to see their beehives.



1. In what season did the kids visit the beehives?

A) In winter

B) In summer

C) In spring

D) In autumn

E) In July

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PreEcolier Level (Class 1 & 2)

Time Allowed: 90 minutes

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**2. How many children are there in the picture?**

- A) one                                      B) two                                      C) three  
D) four                                      E) five

**3. How many sunflowers are there in the picture?**

- A) 14                                      B) 11                                      C) 15  
D) 2                                      E) 16

**4. How many types of flowers are there in the picture?**

- A) one                                      B) two                                      C) three  
D) four                                      E) five

**5. How many birds are there in the picture?**

- A) one                                      B) three                                      C) five  
D) eight                                      E) nine

**6. Which wild animal in the picture likes to eat honey?**

- A) the frog                                      B) the bear                                      C) the cat  
D) the dog                                      E) the fox

**7. What did John bring to show to the kids?**

- A) a bee                                      B) a frame                                      C) a dog  
D) a fruit                                      E) a hive

**8. Which is the main product that people get from bees?**

- A) honey                                      B) pollen                                      C) meat  
D) venom                                      E) milk

**9. How many beehives are there in the picture?**

- A) two                                      B) three                                      C) four  
D) five                                      E) six

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**10. Which animal guards the hives in the absence of man?**

- |             |              |             |
|-------------|--------------|-------------|
| A) the dog  | B) the cat   | C) the bear |
| D) the wolf | E) the goose |             |

**11. Who likes linden honey most?**

- |         |           |         |
|---------|-----------|---------|
| A) Mat  | B) Ema    | C) Tica |
| D) John | E) Adrian |         |

**12. Bees may be dangerous because they.....**

- |                  |               |            |
|------------------|---------------|------------|
| A) sting         | B) bite       | C) scratch |
| D) produce honey | E) dry plants |            |

**13. What domestic animal is there in the picture?**

- |          |         |         |
|----------|---------|---------|
| A) sheep | B) dog  | C) bear |
| D) frog  | E) crow |         |

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**A honey-bee family consists of a queen, drone bees, worker bees and brood. They all live together in a beehive.**



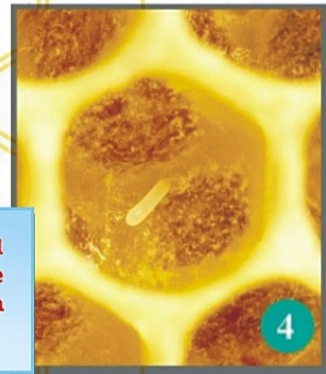
**The queen bee lives 3-4 years. She lays thousands of eggs in cells of the honeycomb. Then eggs develop into new honey-bees.**



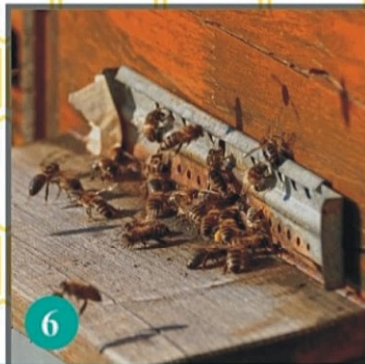
**The drone bees are males, they mate with the queen and some of them are driven out of the hive when winter comes so that they don't eat all the honey stores.**



**The worker bees are females, they build the honeycomb, collect nectar and pollen from flowers, make honey, clean and protect the hive from bears, rats and people.**



**The bee brood grows from eggs. 21 days from the day the egg is laid are necessary for a bee to be born (emerged).**



**The hive is usually a wooden box with a bee door, in which there are 10 to 12 frames. On these frames, bees build the wax honeycombs in which the queen lays eggs and the worker bees store the food (honey).**

**Wild bees make their hives in hollow trees, in the attics or other sheltered places.**

**Plants produce a sugar-rich liquid called nectar. Bees fly from flower to flower to collect nectar. Then they make honey from nectar.**

**Pollen grains are carried by the bees on their back legs and then left at the hive entrance. People collect the pollen from here and use it as food or medicine.**

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**14. What is the name of the bee in the upper left corner of the picture?**

- A) queen bee                      B) worker bee                      C) bee brood  
D) drone bee                      E) fighter bee

**15. What is the name of the bee in picture 2?**

- A) queen bee                      B) worker bee                      C) bee brood  
D) drone bee                      E) fighter bee

**16. People raise bees in .....**

- A) hollows                      B) jars                      C) wooden boxes  
D) dens                      E) stables

**17. Bees collect pollen and nectar from .....**

- A) water                      B) caves                      C) flowers  
D) drones                      E) underground

**18. How long does a queen bee live?**

- A) 1 year                      B) 2 years                      C) 3-4 years  
D) 5-6 years                      E) 6 months

**19. The bees deposit the honey and the queen lays the eggs inside the .....**

- A) hollows                      B) honeycombs                      C) flowers  
D) glass jars                      E) caves

**20. A honey bee family consists of .....**

- A) beekeepers, worker bees and bee brood                      B) eggs, drones and worker bees  
C) a queen, drones and fighting bees                      D) a queen, drones and worker bees  
E) a queen, bumblebees and fighting bees

**21. Once the queen lays the egg, how long does it take for a bee to emerge?**

- A) 7 days                      B) 10 days                      C) 15 days  
D) 21 days                      E) 24 days

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**22. What do drone bees mainly do in the hive?**

- A) They make the honey
- B) They protect the hive
- C) They mate with the queen
- D) They collect pollen
- E) They fight with other insects

**23. People usually build beehives using .....**

- A) stone
- B) bricks
- C) wood
- D) wax
- E) metal

**24. The worker bees don't .....**

- A) protect the hive
- B) lay eggs
- C) collect pollen
- D) make honeycombs
- E) clean the hive

