Name : _____ Class: _____

PSR SCREENING 2022

SECTION A

Read the passage.

HOW DO BEES MAKE HONEY?



Honey bees collect nectar and pollen from flowers and it is this nectar which is taken back to [1]their hive and used to make honey. Honey comes in all flavours and colours due to different chemicals found in the nectar of different plants.

First, bees drink nectar from flowers using their long tongue. Their tongue is nearly **twice** as long as their body which helps [2]them reach the nectar inside the flower. Bees **store** the nectarin a special sac called a Honey Stomach. Inside the stomach the nectar is broken down into two sugars. Then, inside the Honey Stomach, special enzymes help change the nectar into two sugars called fructose and glucose.

Next, the bee returns to the hive where [3]it spits the nectar from its Honey Stomach into one of the honeycomb cells. The heat in the hive helps water **evaporate** from the nectar and [4]it turns into honey. The bees then cover the cell with a wax cap.

Finally, when the bee wants to eat the honey or a bee farmer wants to remove it from the hive, the wax cap is removed.

Without bees, there would be no honey. Their ability to **transfer** nectar back to [5]their hive in their stomach and use it to produce honey is an essential part in the creation

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of honey. Although the bee makes honey as their own food, it has become one of nature's gifts to humans as well as bees.

Questions 1 - 5

Look at the words which are numbered in the passage. What does each word refer to? Type the answer in the spaces provided.

e.g. Honey bees collect nectar and pollen from flowers and **it** is this nectar

it - the nectar

1. [1]their - _____
2. [2]them - _____
3. [3]it - _____
4. [4]it - _____
5. [5]their - _____

(5 marks)

Questions 6 - 10

Type the correct answer in the box provided.

6. '**twice**' means
   a) a type of vehicle
   b) double
   c) three times
   d) building

7. '**store**' means
   a) keep
   b) show
   c) throw
   d) take

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8. '**evaporate**' means
   a) to become hungry
   b) to become sad
   c) to become dry
   d) to become happy



9. '**transfer**' means
   a) to rest
   b) to stay still
   c) to keep
   d) to move



10. '**essential**' means
    a) important
    b) not important
    c) not needed
    d) very little



(5 marks)

Questions 11 - 15

Answer the questions in complete sentences.

11. What are the two things that honey bees collect?

_____

12. Why are the tongues of the bees long?

_____

13. What happens to the nectar in the bees' stomach?

_____

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14. What are the names of the two special enzymes?

_____

15. Who receives honey as nature's gifts other than the bees?

_____

(5 marks)

_____ / 15 marks

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SECTION B

Dr. Abdul is a dentist. Read about all the different people he will see in the next week.

Dr Abdul will see Norhasyimah for a check-up at the end of Monday morning. On the same day he will also do a check-up for Sarah. Before Sarah, he will fill a tooth for Martin. The next day, at nine o' clock he will see Aizat to clean his teeth. On Tuesday he will also make a false tooth for Haji Halim and Nurul. He will have a school visit on Wednesday morning. Then he will come back to the clinic to give Darwisy a dental x-ray at the end of the day. The first patient on Thursday will be Bahrul for another dental x-ray. The patient after that will be Syasya. Dr Abdul will do a check-up for her. He will also see Zubair to clean his teeth at eleven o' clock. On Saturday, Dr Abdul will see Khairin for another dental x-ray before he sees Azeezel.

Question 16 – 25

Now complete Dr Abdul's diary.

	Monday	**Tuesday**	**Wednesday**	**Thursday**	**Saturday**
9.00 a.m.		3._____ Clean teeth	School visit	Bahrul 6._____	
9.30 a.m.	1._____ Fill tooth			7._____ 8._____	
10.99 a.m.	Sarah 2._____	Haji Halim False tooth			9._____ 10._____
10.30 a.m.		Nurul 4._____			Azeezel Check-up
11.00 a.m.				Zubair Clean teeth	
11.30 a.m.	Norhasyimah Check-up		5._____ Dental x-ray		

_____/10 marks

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SECTION C

Questions 26 – 35

Read the conversation between Khadijah and her mother. Then fill in each blank space with ONE word only.

Khadijah and her mother are in the kitchen. Khadijah's mother has just come back from shopping.

Khadijah : What are you doing, Mummy?

Mother : I'm putting this _____ in the fridge. 26

Khadijah : Why are you putting the food in the fridge, Mummy?

Mother : Because I want it to stay cool!

Khadijah : _____ do you want it to stay cool, Mummy? 27

Mother : Because it will get germs in it, I don't want any _____ 28 in the food.

Khadijah : Why not, Mummy?

Mother : If we _____the germs, we might get sick. 29

Khadijah : Hmm, then why don't we get germs in cool _____, 30 Mummy?

Mother : Germs _____ not grow as quickly in cool food. 31

Khadijah : Oh, that's why you put the food in the fridge!

Mother : _____, Khadijah, that is why! 32

Khadijah : Have people always had fridges, Mummy?

Mother : No, Grandma _____ not have a fridge in her house 33 when she was a little girl

Khadijah : Oh! So, did Grandma get germs in her food?

Mother : No. In the past, people put salt on their meat and fish, then they dried _____in the sun. The salt stopped germs from 34 growing in the food.

Khadijah : Did the food taste very salty then, Mummy?

Mother : Yes, it did. Now, please stop asking _____, Khadijah. 35 I'm very busy.

Khadijah : Hmm… Why are you very busy, Mummy?

_____/ 10 marks

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SECTION D

Questions 36 – 40

Look at the pair of sentences below. Choose one of the five words from the list given to join the sentences. Write the new, longer sentence in the space provided. Use each word ONCE only.

Example: I need a pen. I need a paper.

I need a pen and a paper.

and **if** **so** **because** **until**

36. Put the milk in the fridge. It doesn't go sour

_____

37. My sister made delicious sandwiches. We ate them all up.

_____

38. I will cook the eggs for you. There is oil.

_____

39. I dislike that game. It has a lot of violence.

_____

40. That lady was my teacher. She moved to another school.

_____

_____ / 5 marks

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Questions 41 – 60

Read the passage carefully. Then, fill in the blanks with one suitable word from the list below to complete the passage. Use each word ONCE only.

by	together	collect	in	with
When	about	kind	are	lives
the	During	is	than	other
in	more	would	soon	will

The honey bee

The honey bee is a very unusual 41 _____ of insect. Unlike other insects which live alone, the honey bee 42 _____ as a member of a community. These bees live 43 _____ in what is known as a bee colony.

The head of the colony is called 44 _____ queen bee. She is larger 45 _____ the rest of the bees. Her main task 46 _____ the colony is to lay eggs. Most of the 47 _____ bees are the worker bees. These bees 48 _____ nectar and pollen from flowers. The nectar that is carried 49 _____ the worker bees is deposited on the hive and then converted into honey. The worker bees also help look after the young bees. as 50 _____ as the eggs 51 _____ hatched, the worker bees feed the young bees 52_____ pollen and nectar. The third type of bee found 53 _____ the colony 54 _____ the drone or male bee. The main task of such a bee is to mate 55_____ a new queen.

The queen bee has a life span of 56 _____ three years. 54 _____ this period, she would have laid 57 _____ than half a million eggs. 58 _____ the queen bee is dying, a new queen 59 _____ be groomed. This new queen would eventually 60 _____ over the 'duties' of the old queen when she dies.

_____ / 10 marks

------- END OF PAPER, GOOD LUCK 😊 -------

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