



سكولاه كينغسان تامن پنتاي سڤنڠ فوٲرا، 43950 سونڠاي ڤليق، سلاڠور.

SEKOLAH KEBANGSAAN TAMAN PANTAI SEPANG PUTRA,  
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PEPERIKSAAN  
PERTENGAHAN TAHUN  
2009

MATA PELAJARAN

SAINS TAHUN 5

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TAHUN (DARJAH) : .....

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NAMA : .....

KELAS : .....

MARKAH :

%

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ARAHAN : JANGAN BUKA SEHINGGA DIBERITAHU.

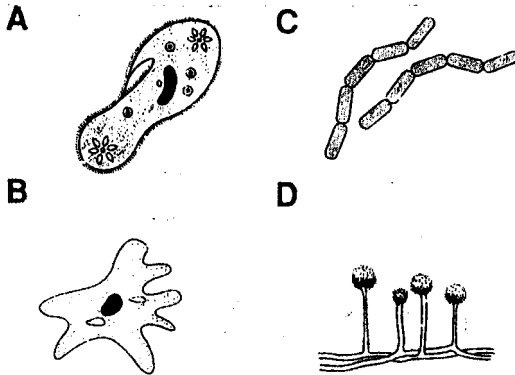
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## SECTION A

Answer all questions.

Every question is followed by four options A, B, C and D. Choose the correct answer.

1. Which of the following microorganisms is grouped as fungi?



2. Which of the following diseases spread through animals?

- |                 |            |
|-----------------|------------|
| A. Dengue fever | B. Measles |
| C. Chicken pox  | D. AIDS    |

3. Figure 1 shows an investigation.

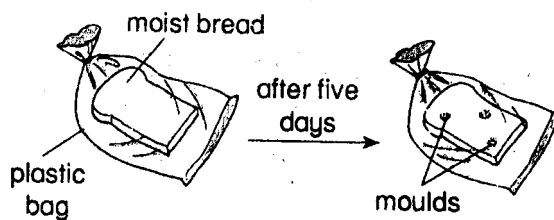
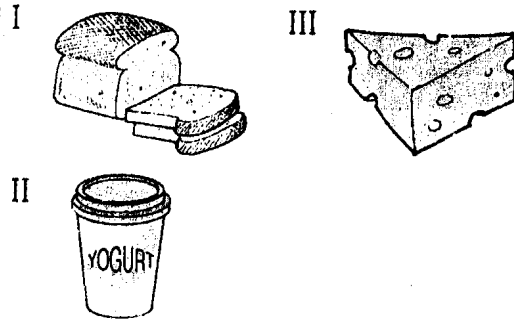


Figure 1

What can be concluded from the investigation?

- A. Microorganisms breathe.
- B. Microorganisms grow.
- C. Microorganisms move.
- D. Microorganisms are very tiny.

4. Microorganisms are used for making



- A. I and II only
- B. I and III only
- C. I, II and III
- D. II, and III .

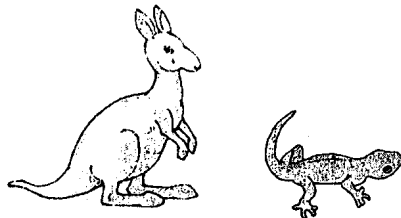
5. What is meant by contagious diseases?

- A. Diseases that cannot be cured.
- B. Diseases that can be prevented.
- C. Diseases that are caused by microorganisms.
- D. Diseases that can spread from one person to another.

6. Which of the following persons need to be kept in quarantine?

- A. A person who has tooth decay.
- B. A person who has chicken pox.
- C. A person who has headache
- D. A person who has stomach upset.

7. **Figure 2** shows two animals.



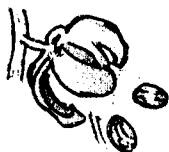
**Figure 2**

Which of the following is true about the way the animals ensure the survival

of their species?

	Animal P	Animal Q
A	Stays in a herb	Takes care of its eggs
B	Lays many eggs	Feeds its young
C	Attacks its enemies	Lays eggs with hard shell
D	Takes care of its young	Lays eggs in hidden places

8. Which of the following seeds of plants are dispersed by animals?
- I Balsam plant
  - II Mimosa plant
  - III Love grass
- A. I and II only                      B. I and III only  
C. II and III only                     D. I, II and III
9. Which of the following are the characteristics of fruits that are dispersed by animals?
- I Fleshy
  - II Edible
  - III Have nice smell
  - IV Have wing-like structure
- A. II and IV only  
B. I, II, and III only  
C. I, II and IV only  
D. I, II, III and IV
10. **Figure 3** shows the dispersed of the seeds of a plant.



**Figure 3**

The fruits of the above plant have

- A. hooks
- B. air space
- C. dry skin
- D. nice smell

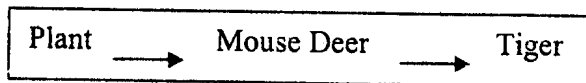
11. Which of the following is a consumer in a food chain?

- A. centipede
- B. Paddy plant
- C. water weed
- D. rose plant

12. Which of the following classifications of animals is correct?

	Herbivore	Carnivore	Omnivore
A	Chicken	Eagle	Mouse
B	Goat	Leopard	Cat
C	Bee	Shark	Crocodile
D	Elephant	Cockroach	Monkey

13. **Figure 4** shows a food chain.



**Figure 4**

Where can the food chain be found?

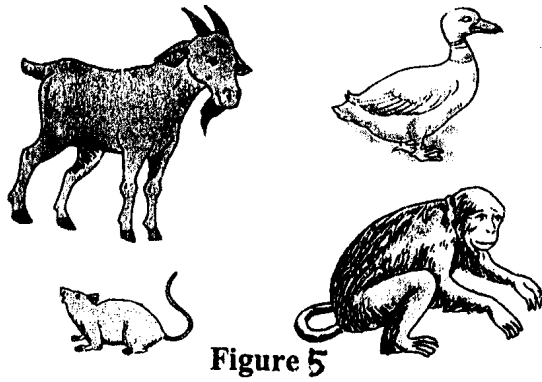
- A. Forest
- B. Swamp
- C. Desert
- D. Grass field

14. Which of the following consists of herbivores only?

- A. Penguin, dog, cow
- B. Snail, lion, wolf

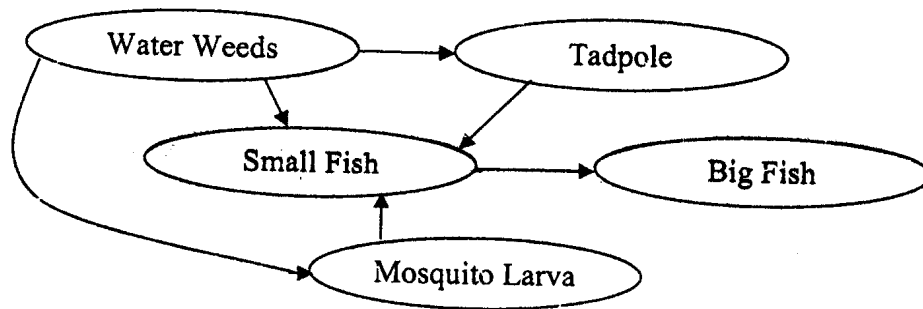
- C Stork, scorpion, prawn
- D Bee, butterfly, rabbit

15. **Figure 5** shows four animals.



Which animals have same eating habit?

- A Goat and duck
  - B Goat and monkey
  - C Mouse, duck and monkey
  - D Goat, monkey and mouse
16. **Figure 6** shows a food web.



**Figure 6**

How many food chains are there in the food web?

- A two
- B three
- C four
- D five

17. Figure 7 shows a food web.

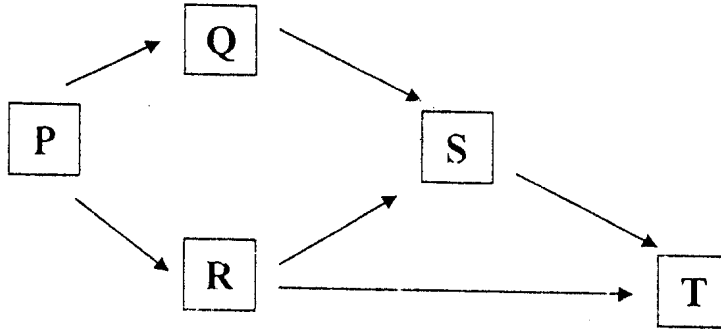
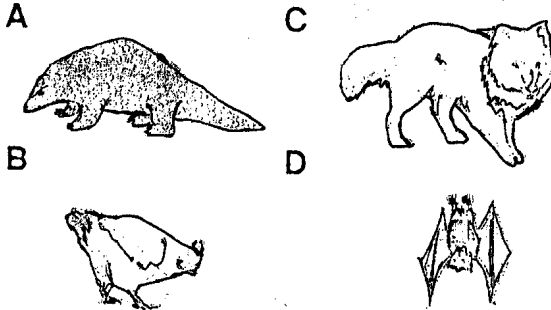


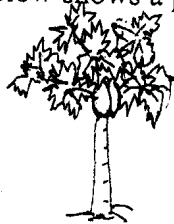
Figure 7

Which of the following statements is true?

- A P is a consumer.
  - B Q is an omnivore
  - C S and R are herbivores
  - D S eats Q and R
18. Which of the following animals eats only one type of food?



19. The picture below shows a papaya tree.



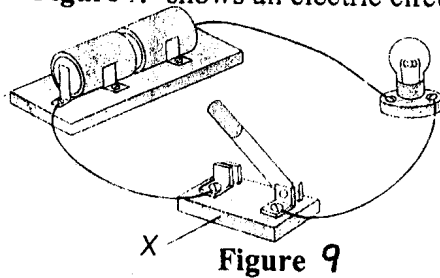
Which part of the papaya fruit ensures the survival of its species?

- A Leaves
- B Seeds
- C Flowers
- D Stem

24. Which of the following sources of energy is renewable?

- |   |           |   |             |
|---|-----------|---|-------------|
| A | Solar     | B | Coal        |
| C | Petroleum | D | Natural Gas |

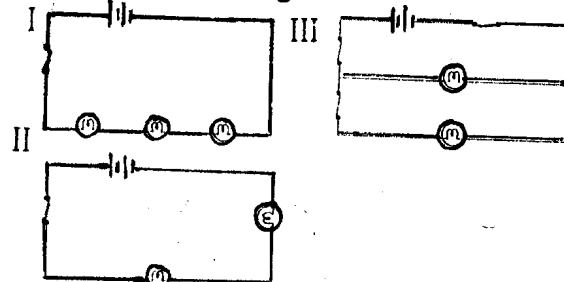
25. Figure 9 shows an electric circuit.



Which of the following is a symbol for component X?

- |   |  |   |  |
|---|--|---|--|
| A |  | C |  |
| B |  | D |  |

26. Which of the following are series circuits?



- |   |                |   |                 |
|---|----------------|---|-----------------|
| A | I and II       | B | II and III only |
| C | I and III only | D | I, II and II    |

27. Which of the following shows the symbol for a dry cell?

- |   |  |   |  |
|---|--|---|--|
| A |  | C |  |
| B |  | D |  |

28. Mishandling of electrical appliances can cause

- I fire
- II electric shock
- III electrocution

- A I and II only
- B I and III only
- C II and III only
- D I, II and III

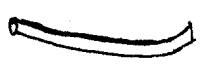

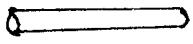

29. How does light travel?

- A In a curve line
- B In a dotted line
- C In a straight line
- D In a circular line

30. The picture below shows a candle light.



Which of the following rubber tubes allows us to see the candle light?

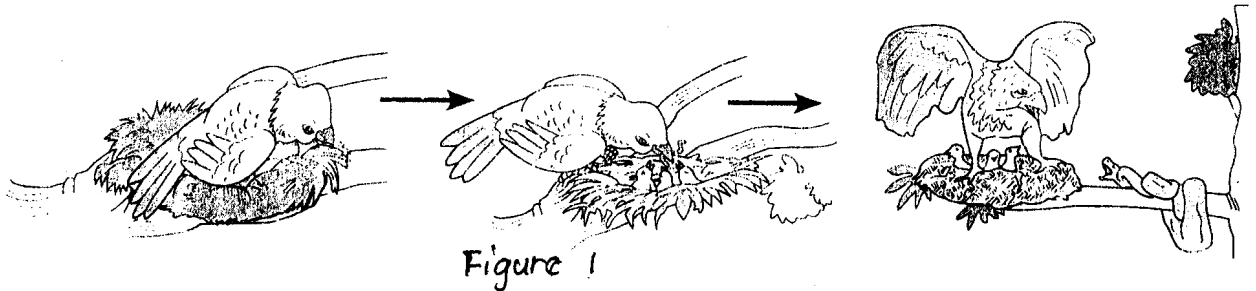
- A 
- B 
- C 
- D 

## SECTION B

Answer **all** questions.

Write your answers in the spaces provided.

1. Figure 1 shows activities of an animal.



- a) What is the purpose of the activities?

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(1 mark)

- b) Based on Figure 1, state **two** ways the animal ensure the survival of its species.

1. \_\_\_\_\_

2. \_\_\_\_\_

(2 marks)

- c) What will the animal do to protect its young from enemies?

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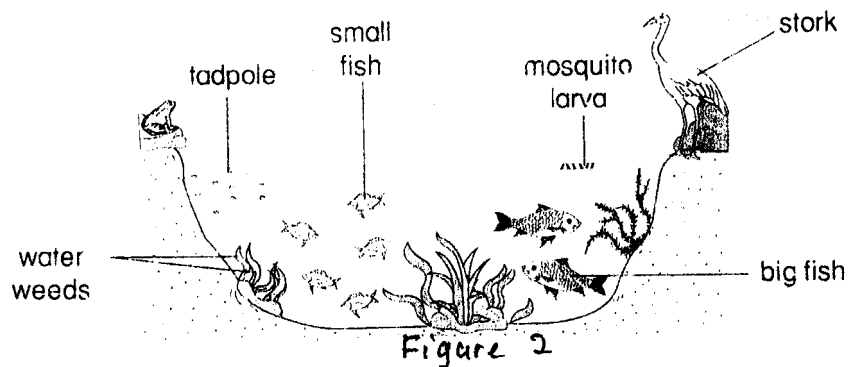
(1 mark)

- d) Predict what will happen if the animal does not ensure the survival of its species.

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(1 mark)

2. Figure 2 shows living things that can be found in a pond.

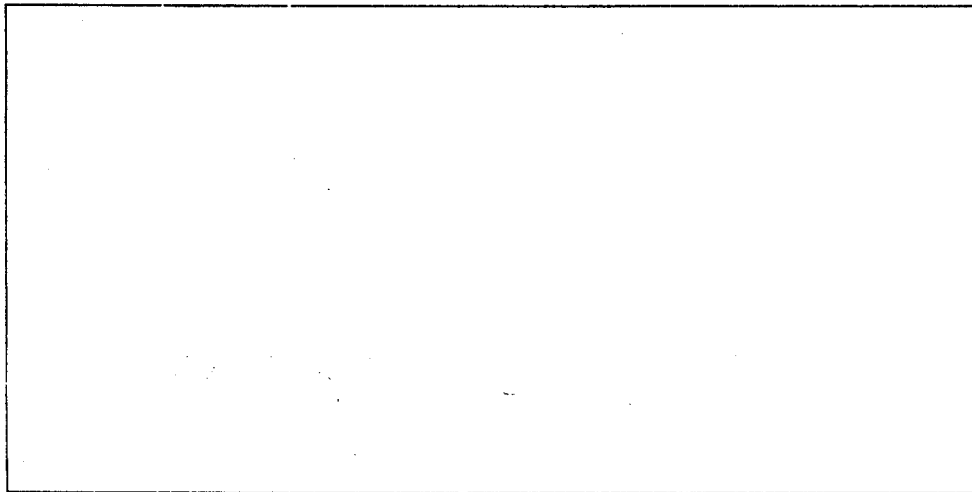


a) Based on Figure 2, write **three** food chains.

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

(3 marks)

b) Based on the food chains in (a), construct a food webs



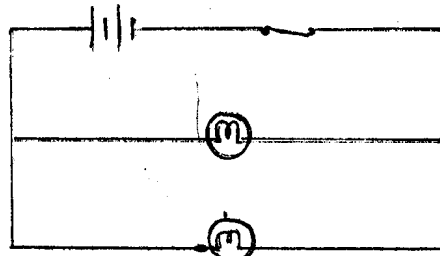
(2 marks)

c) In the food web in (b), identify the producer.

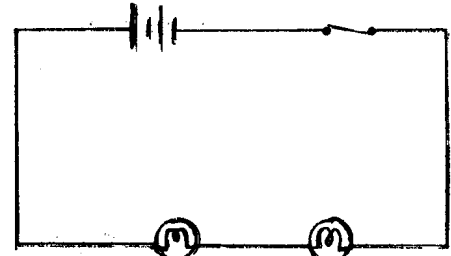
\_\_\_\_\_

(1 mark)

3. Figure 3 shows two electric circuits.



Circuit P



Circuit Q

Figure 3

a) Which is a series circuit?

\_\_\_\_\_ (1 mark)

b) Which is a parallel circuit?

\_\_\_\_\_ (1 mark)

c) Which circuit will have brighter bulbs?

\_\_\_\_\_ (1 mark)

d) In the experiment,

i. what are kept the same?

\_\_\_\_\_

ii. what is changed?

\_\_\_\_\_

iii. what is observed?

\_\_\_\_\_

(3 marks)

4. A pupil carried out an investigation as shown below. The cardboards are placed one behind the other with the holes placed in a straight line.

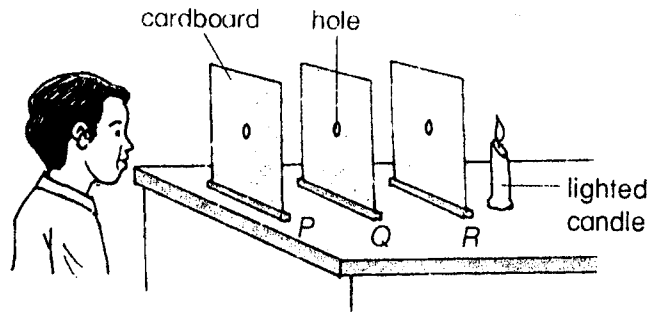


Figure 4

- a) Based on Figure 4, what is your observation?

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(1 mark)

- b) What will happen if cardboard P is moved to the right?

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(1 mark)

- c) Explain your answer in (b).

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(1 mark)

- d) What must be kept the same in the investigation?

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(1 mark)

- e) What conclusion can be made from the investigation?

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(1 mark)

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