سكولة كبڠسأن تامن ڤنتاي سڤڠ ڤوترا، 43950 سوڠاي ڤلق، سلاڠور.

SEKOLAH KEBANGSAAN TAMAN PANTAI SEPANG PUTRA,
43950 SUNGAI PELEK, SELANGOR.

PENILAIAN KENDALIAN SEKOLAH RENDAH AKHIR TAHUN 2009

MATA PELAJARAN

SAINS

TAHUN: 1 / 2 / 3 / 4 / 5 / 6

NAMA : .....

KELAS : .....

ARAHAN : JANGAN BUKA SEHINGGA DIBERITAHU.

SECTION A (30 MARKS)

Each question below is followed by four possible answers. Choose the correct answer from the answers marked A, B, C and D.

1. Living things that cannot be seen through naked eyes are called

A	organisms	C	living things
B	microorganisms	D	bacteria

2. Bacteria can be seen clearly through a

A	naked eyes	C	telescope
B	periscope	D	microscope

3. Look at the picture below.

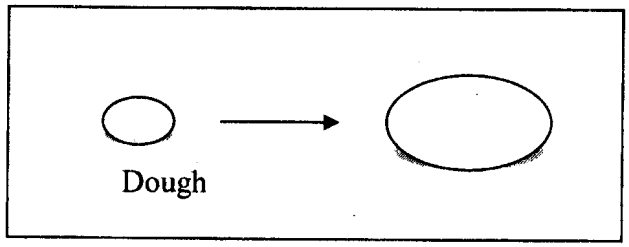


Figure 1

The dough that is mixed with yeast becomes bigger in size.

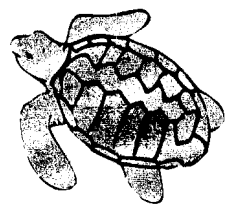
A microorganism breathes
B microorganism grows
C microorganism moves
D microorganism reproduces

4. Why do we have to wash our hands after using the toilet?

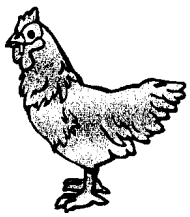
A To keep our hands clean.
B To prevent from spreading of diseases.
C To protect from microorganisms.
ands from getting dirty.

any eggs?

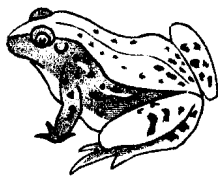
III



II



IV



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

6. Why do certain animals take care of their young?
A To reproduce.
B To produce young.
C To ensure the survival of their species.
D To ensure healthy growth.

7. The picture shows an animal.

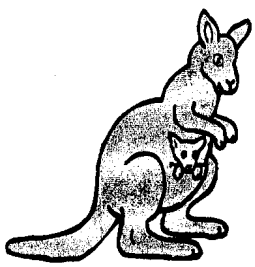


Figure 3

How does the above animal take care of its young?

A Put in a hard shell.
B Put in pouch.
C Put in its mouth.
D Put on its body.

8. Why do snails lay their eggs under stones?
A To keep the eggs cold.
B To keep the eggs moist.
C To break the eggs with the stones.
D To keep the eggs out of sight from enemies.

v show the characteristics of a fruit.

tructure

ıt of this fruit?

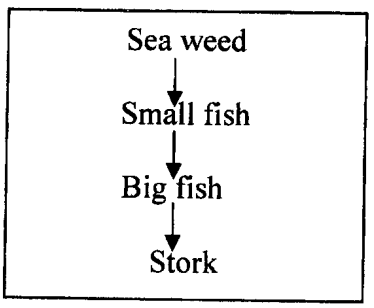
C Wind
D Explosive mechanism

2.

10. Why is it important for plants to disperse their seeds and fruits?

A	Growth	C	Preservation of species
B	Competition	D	Survival of species

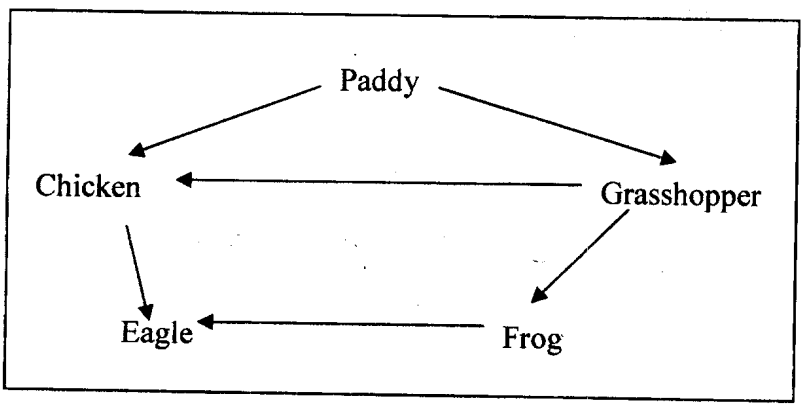
11. The diagram below shows a food chain.



Which of the above is the producer?

A	Sea weed	C	Big fish
B	Small fish	D	Stork

12. The diagram below shows a food web.



Which statement below are correct?

K – The frog is eaten by an eagle.
s only eaten by chicken.
chicken and grasshopper.
n by an eagle.

		C	K, M and N only
		D	K, L, M and N

13. Animals that eat other animals only are called

A Omnivores
B Carnivores
C Herbivores
D Prehivores

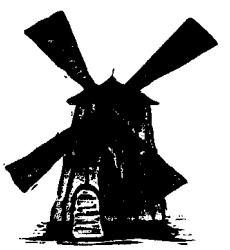
14. These activities need energy **except**

A bouncing a ball
B dance on the floor
C chopping wood
D sleep

15. All the following statements shows the advantages of using energy wisely **except**

A to save cost
B to avoid wastage
C to increase pollution
D to avoid energy being replenished

16. The picture below shows a device that produces energy.



Which source of energy is related to the picture?

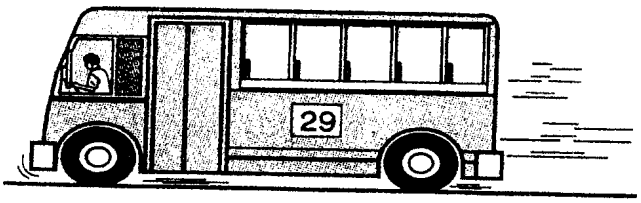
A Sun
B Water
C Food
D Wind

17. Which of the following statements are **true** about electrical energy?

I Produced by electric current.
II It is not widely used.
III Can be transformed to other energy.
IV It is used to light up lamps.

C I and IV only
D I, III and IV only

18. This vehicle uses …



A solar
B water
C wind
D fuel

5.

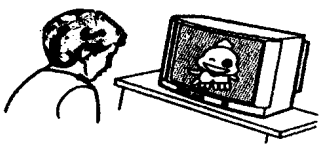
19. Which of the following reflects light completely?

A A book
B A plank
C A mirror
D A sand paper

20 Which of the following does not involve the use of electrical appliances in our daily lives?

A

B



C

D

aratus used to measure the _____ of a substance.

C mass
D temperature

22. What is the meaning of renewable energy?

A Energy that can be used naturally
B Energy that can be replenished
C Energy that can be easily found
D Energy that can be replaced for future use

23. Anuar lights up a candle. The transformation of energy is as shown

Chemical energy	→	P + light energy

What is P?

A Heat
B Solar
C Kinetic
D Sound

24. What are the three states of matter? They are.....

I gas
II solid
III liquid
IV light

A. I and II
B. I and III
C. I, II and III
D. I,II, III and IV

25.On a rainy day, Puan Rohani could not hang her clotes out in the Sun.Which of the following places is most suitable for her to dry clothes ?

A. under the shed
B. under the tree
C. under the stairs
D. under a moving fan

26.Which of the following are true about acids ?

I They taste sour
II They turn blue litmus red.
III They used to preserve food

27. What causes the occurrences of day and night?
   A. The earth rotates on its axis
   B. The Moon rotates on its axis
   C. The Moon moves around the Earth
   D. The Moon and the Earth move around the Sun

28. Which of the following will affect the stability of a structure?
   I. Height
   II. Base area
   III. Type of material
   A. I and II only
   B. I and III only
   C. II and III only
   D. I, II and III

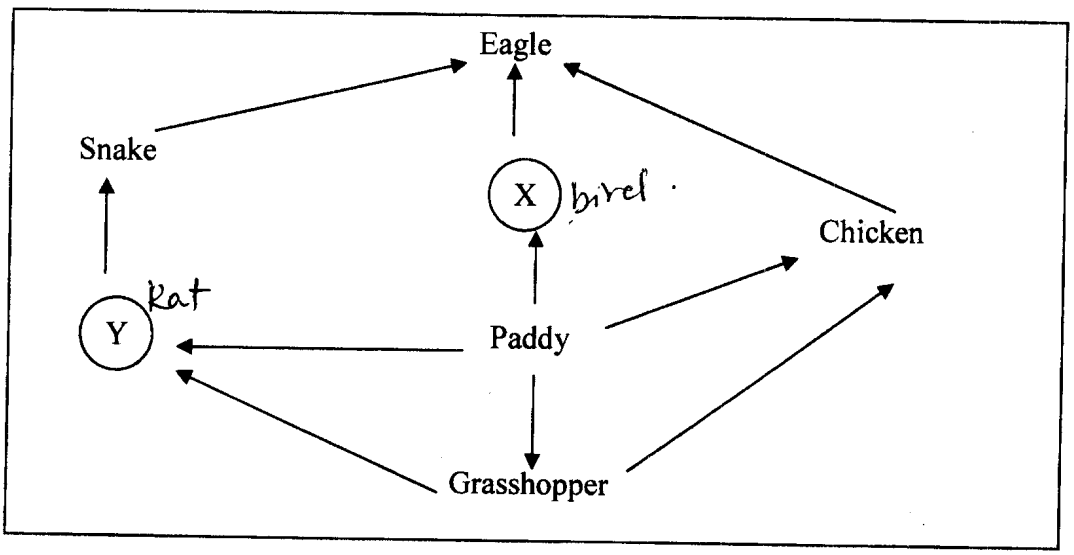
29. How can a dented ping pong ball be returned to its original shape?
   A. Keep it in the frozen compartment of the fridge
   B. Place it in a beaker containing ice cubes
   C. Immerse it in hot water
   D. Knock it with a hammer

30. What happens when light illuminates opaque objects?
   A. Light is bent
   B. Light is reflected
   C. Shadows are formed
   D. Light passes through opaque objects.

SECTION B
(20 marks)

Answer all questions.
Write your answer in the space provided.

1.The information below shows a food web.



a) Name the habitat that is related to the above food web.

Paddy field.

(1 mark)

b). Name X and Y.

i) X : Rat / mouse ii) Y : bird / sparrow

(1 mark)

c). State the number of food chains from the above food web .

5

(1 mark)

d) Which of the above is producer ?

Paddy

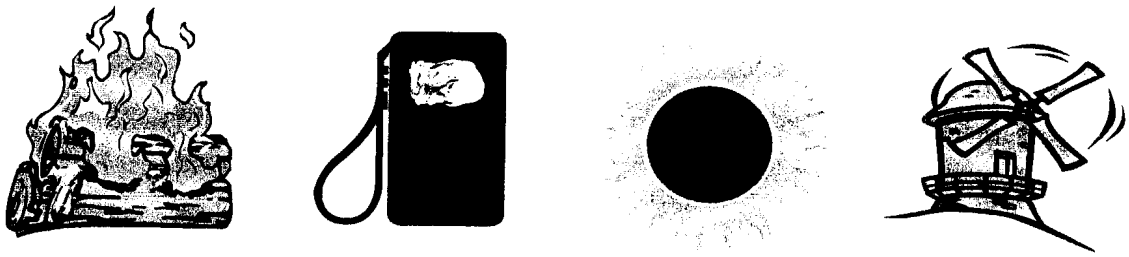
(1 mark)

e) Give reason answer in (d)

It can make its own food.

(1 mark)

2. Figure 2 shows various sources of energy.



Firewood Petroleum Sun Wind

Figure 2

a) Which source of energy shown above produces heat and light energy?

Sun

[1 mark]

b) Group them into two groups as shown in the table below.

Renewable energy sources	Non-renewable energy sources
1. Sun	1. petroleum
2. Wind	2. firewood
3.	

[2 marks]

c) State the meaning of renewable energy and non-renewable energy. (digenti)

a. Renewable energy is the energy that can be replenished when used up

[illegible] energy is the energy that cannot be replenished when used up.

[2 marks]

9.

3. The table below shows a result of an investigation that has been carried out by Mansor on the rate of speed of cycling a bicycle ant the brightness of the cycle bulb .

Rate of cycling a bicycle	Brightness of bulb
SLOW	BRIGHT
FASTER	BRIGHTER
FASTER	BRIGHTER

(a) State

i. what to change : Rate of cycling a bicycle

ii. what to keep the same : ~~Brightness of bulb~~ number of bulb . (2 marks)

(b) What will happen when the bicycle is not being cycled ?

The bulb will not light up . (1 mark)

(c) State the source of energy involved .

dynamo . (1 mark)

(d) List out the transformation of energy involved .

kinetic energy → electrical energy → light energy . (1 mark)

(e) State the relationship between the rate of cycling a bicycle and the brightness of bulb.

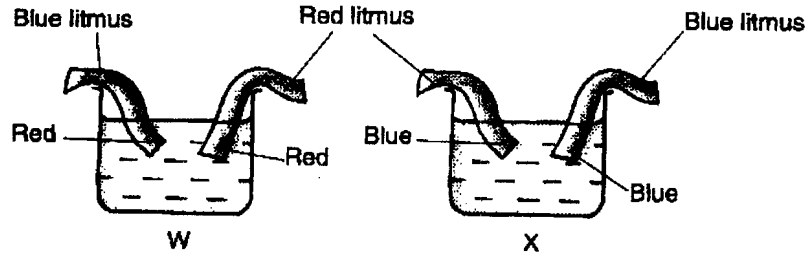
The faster the rate of cycling , the brighter the bulb is . (1 mark)

4 a) W – Acidic

X – alkaline

b) Soln – W

4 Lee Fong and Fatimah carried out an investigation on the properties of substances. The diagram below shows the obversations of the investigation.



(a) State the observations of the substances below.

i. W: Acidic

ii. X: Alkaline

(c) Predict the taste of the substances below.

i. W: Sour

ii. X: bitter

(4 marks)

Good Luck .

Prepared by :

.....

(Pn.Sukinah Basiran)

Science Teacher Year 5.

Approved by :

.....

(Tn. Hj. Mohd. Nasir Meskam)

TN. Hj Mohmad Nasir B. Meskam
Penolong Kanan Akademik
Sek Keb Taman Pantai Sepang Putra
43950 Sungai Pelek, Sepang
Selangor Darul Ehsan