

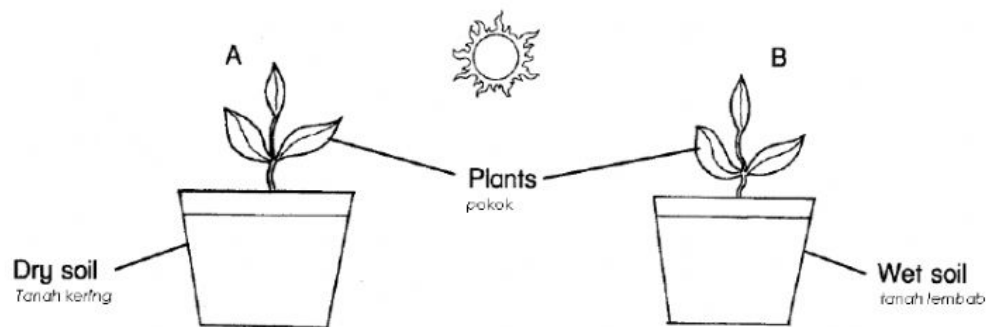
NAMA :

KELAS : 4

Answer all the questions.

Write your answer in the space provided.

1. The picture below shows an investigation related to the basic needs of plants.



- (a) Predict which plant will die after five days.
Jangkakan pokok yang mana akan mati selepas lima hari.

[1 mark]

- (b) What can you infer from your answer in 1(a).
Apakah inferen kamu daripada jawapan 1(a)

[1 mark]

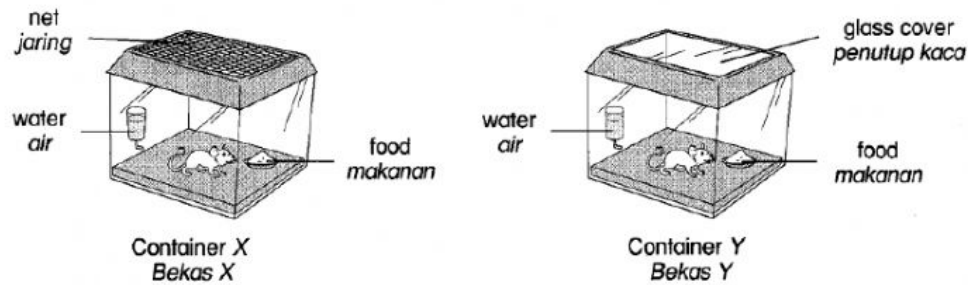
- (c) What is your conclusion from the investigation?
Apalah kesimpulan kamu daripada penyiasatan ini?

[1 mark]

- (d) What are other two basic needs of plants?
Apakah dua keperluan asas pokok yang lain?

[2 marks]

2. In an investigation, each rat is kept in different containers as shown below.
Dalam suatu penyiasatan, setiap ekor tikus diletakkan di dalam bekas yang berbeza seperti rajah di bawah.



- (a) What will happen to the rat in both containers after five days?
Apakah yang berlaku kepada tikus dalam kedua-dua bekas selepas lima hari?

i. Container X / Bekas X :

ii. Container Y / Bekas Y :

[2 marks]

- (b) State one reason (inference) to support your observation in 2(a).
Nyatakan satu inferen untuk menyokong pemerhatian di 2(a).

[1 mark]

- (c) In this investigation, state
Dalam penyiasatan ini, nyatakan

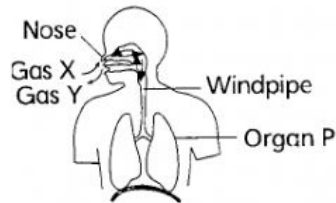
- i. what is kept the same (constant variable)
pemboleh ubah dimalarkan

[1 mark]

- ii. what is changed (manipulated variable)
pemboleh ubah dimanipulasikan

[1 mark]

3. Organ P in the diagram below is the breathing organ for human.
Organ P dalam rajah di bawah menunjukkan organ pernafasan manusia.



- (a) Name organ P.
Namakan organ P.

[1 mark]

- (b) When humans breathe, gas X is taken in while gas Y is given out by organ P. What are gasses X and Y?

Apabila manusia bernafas, gas X disedut masuk manakala gas Y dihembus keluar. Apakah gas X dan Y itu?

- i. gas X :

- ii. gas Y :

[2 marks]

- (c) Base on the figure above, write the passage of air when
Berdasarkan rajah di atas, tulis laluan aliran udara apabila

- i. we inhale
kita menarik nafas

- ii. we exhale
kita menghembus nafas

[2 marks]

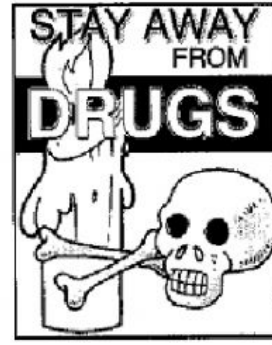
4. Figure shows three posters which are exhibited in a campaign.
Rajah menunjukkan tiga buah poster yang dipamerkan dalam sebuah kempen.



P



Q



R

- (a) State three bad habits that are discouraged in Poster P, Q and R.
Nyatakan tiga tabiat buruk yang tidak digalakkan dalam Poster P, Q dan R.

i. P :

ii. Q :

iii. R :

[3 marks]

- (b) State two health problems caused by the bad habit stated in 3(a).
Nyatakan dua masalah kesihatan yang disebabkan oleh tabiat buruk di 4(a).

i. _____

ii. _____

[2 marks]

GOOD LUCK
SELAMAT MAJU JAYA

Disediakan oleh,

.....
(EN. RIDZWAN ZAINAL ABIDIN)

Disahkan oleh,

.....
(KETUA PANITIA SAINS)