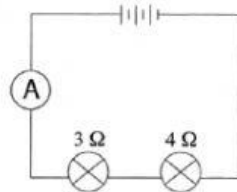


1. Diagram 3 shows a complete electrical circuit.

Rajah 3 menunjukkan satu litar elektrik yang lengkap.

Diagram 3 / Rajah 3



What is the voltmeter reading if the current flowing in the circuit is 3 A?

Apakah bacaan voltmeter jika arus yang mengalir dalam litar ini ialah 3 A?

- | | |
|--------|--------|
| A 5 V | B 21 V |
| C 15 V | D 9 V |

2. Why on a warm sunny day, you will feel cooler by wearing white-coloured clothes?

Mengapakah ketika cuaca panas, anda akan berasa sejuk sekiranya memakai pakaian yang berwarna cerah?

- | |
|--|
| A Reflect more light radiation
<i>Memantulkan lebih banyak sinaran cahaya</i> |
| B Absorb sweat
<i>Menyerap peluh</i> |
| C Lighter than dark clothes
<i>Lebih ringan daripada baju yang berwarna gelap</i> |
| D Let more air in
<i>Membenarkan angin masuk</i> |

3. What are the main types of nutrient cycles?

Apakah jenis kitaran nutrien yang utama?

- | | |
|---|-----------------------------------|
| I Carbon cycle
<i>Kitaran karbon</i> | |
| II Hydrogen cycle
<i>Kitaran hidrogen</i> | |
| III Nitrogen cycle
<i>Kitaran nitrogen</i> | |
| IV Oxygen cycle
<i>Kitaran oksigen</i> | |
| A I and III
<i>I dan III</i> | B II and III
<i>II dan III</i> |
| C I and IV
<i>I dan IV</i> | D III and IV
<i>III dan IV</i> |

4.



What is the process X?

Apakah proses X?

- A Transpiration
Transpirasi
- B Respiration
Respirasi
- C Photosynthesis
Fotosintesis
- D Combustion
Pembakaran

5. The following information is about Y.
Maklumat berikut adalah tentang Y.

Corrosive <i>Menghakis</i>
Taste sour <i>Rasa masam</i>
Turns blue litmus paper to red <i>Menukarkan kertas litmus biru kepada</i>

What is Y?

Apakah Y?

- | | |
|-----------------------------|------------------------|
| A Alkali
<i>Alkali</i> | B Acid
<i>Asid</i> |
| C Neutral
<i>Neutral</i> | D Salt
<i>Garam</i> |

6. Which of the following is the symbol of switch?
Antara berikut, yang manakah simbol suis?

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

7.

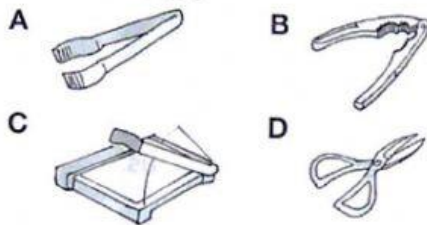


Diagram 4 / Rajah 4

A car shown above is moving to the right. Which of the following could be F?
Kereta dalam rajah di bawah bergerak ke kanan. Antara berikut yang manakah F?

- A. Friction / Geseran
- B. Distance / Jarak
- C. Gravity / Graviti
- D. Velocity / Halaju

8. Which of the following is classified into the third class lever?
Antara berikut, yang manakah diklasifikasikan sebagai tuas kelas ketiga?



9.

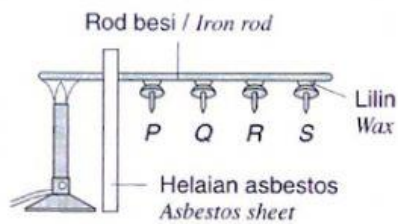


Diagram 5 / Rajah 5

Which thumbtacks will fall first?
Paku pin manakah yang akan jatuh terlebih dahulu?

- A P
- B R
- C Q
- D S

10. Diagram 6 shows two devices, X and Y.
Rajah 6 menunjukkan dua alat, X dan Y.

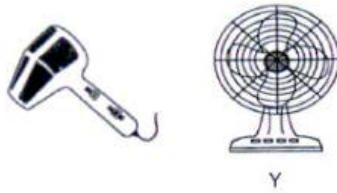


Diagram 6 / *Rajah 6*

Which pair shows the correct energy produced?

Pasangan manakah yang menunjukkan tenaga yang dihasilkan adalah betul?

	X	Y
A	Kinetic energy <i>Tenaga kinetik</i>	Electrical energy <i>Tenaga elektrik</i>
B	Heat energy <i>Tenaga haba</i>	Kinetic energy <i>Tenaga kinetik</i>
C	Electrical energy <i>Tenaga elektrik</i>	Electrical energy <i>Tenaga kinetik</i>
D	Heat energy <i>Tenaga haba</i>	Potential energy <i>Tenaga keupayaan</i>