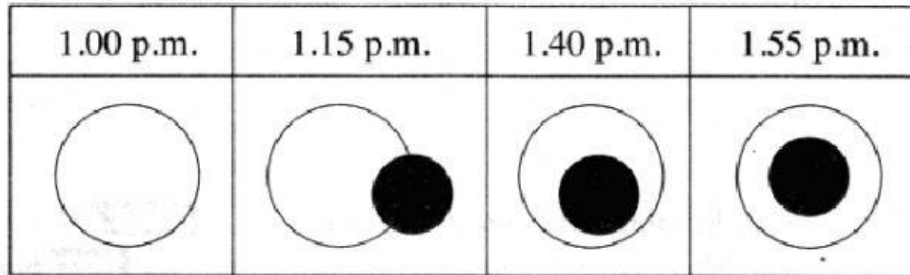


SOALAN 8 (6.10 GERHANA)

Rajah 8 menunjukkan pergerakan Bulan merentasi Matahari semasa berlakunya Gerhana Matahari di Bandar Z.

Diagram 8 shows the movement of the Moon across the Sun during the Sun Eclipse in town Z.



Rajah 8
Diagram 8

- (a) Apakah inferens untuk menerangkan fenomena ini?
What is the inference to explain this phenomenon?

[1 markah]
[1 mark]

- (b) Berdasarkan penyiasatan di atas, nyatakan:
Based on the investigation above, state:

- (i) pemboleh ubah dimanipulasi,
the manipulated variable,

[1 markah]
[1 mark]

- (ii) pemboleh ubah bergerak balas.
the responding variable.

[1 markah]
[1 mark]

- (c) Ramalkan apa yang akan berlaku pada pukul 3.15 petang. Mengapa?
Predict what will happen at 3.15 p.m. Why?

[2 markah]
[2 marks]

- (d) Mengapakah Gerhana Bulan berlangsung lebih lama berbanding Gerhana Matahari?

Why the Lunar Eclipse lasts longer than the Sun's Eclipse?

[1 markah]

[1 mark]

- (e) Apakah kesimpulan berdasarkan penyiasatan di atas?

What is the conclusion based on the investigation above?

[1 markah]

[1 mark]

SOALAN 9 (6.11 BURUJ)

Rajah 4 menunjukkan seorang pelayar sedang memerhatikan langit untuk mencari arah.

Diagram 4 shows a sailor observing the sky to look for direction.



Rajah 4

Diagram 4

- (a) Apakah buruj yang harus diperhatikan oleh pelayar sekiranya hendak ke arah selatan?
Which constellation should be observed by the sailor if he wants to go to the South?

[1 markah/ mark]

- (b) Berdasarkan jawapan di 4(a), lakarkan bentuk buruj tersebut.
Based on your answer in 4(a), sketch the shape of the constellation.

[1 markah/ mark]