

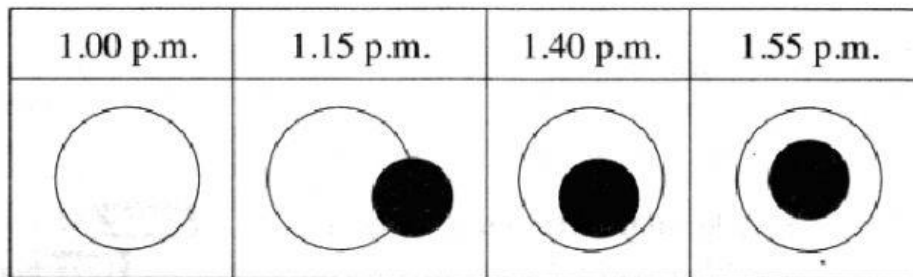
Nama: _____

Kelas: _____

UNIT 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]