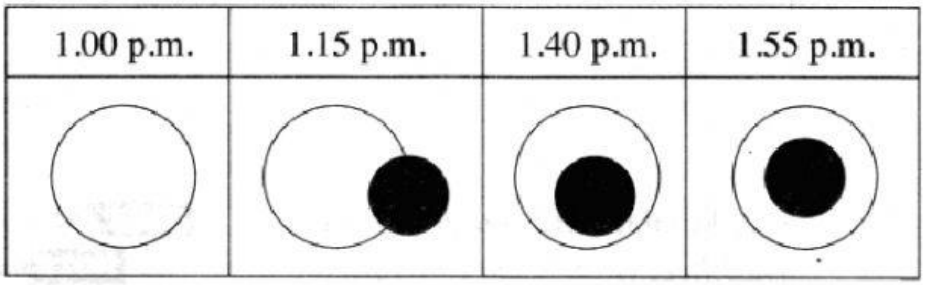
SOALAN 8 (6.10 GERHANA)

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*]

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(*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*]

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