

1. An eclipse is defined as an astronomical event that occurs when one celestial object moves _____ another, partially or fully obscuring it from view. **(MC1)**

- A. next to
- B. in front of**..... **Correct**
- C. in back of
- D. on top of

[Right Answer (1) Wrong Answer (0)] **(MC_R/W1)**

2. When can a solar eclipse occur? **(MC2)**

- A. Anytime
- B. During a new moon** **Correct**
- C. During a full moon
- D. In the last quarter of the full moon

[Right Answer (1) Wrong Answer (0)] **(MC_R/W2)**

3. Which type of eclipse occurs when the Sun is completely obscured the by moon? The Sun is replaced by only a dark silhouette of the Moon. The Corona of the sun is still visible, but only faintly. **(MC3)**

- A. Total eclipse** **Correct**
- B. Annular eclipse
- C. Partial eclipse
- D. Hybrid eclipse

[Right Answer (1) Wrong Answer (0)] **(MC_R/W3)**

4. What is the average duration of 'totality' in a total solar eclipse? **(MC4)**

- A. 10 – 20 seconds
- B. 2 – 7 minutes** **Correct**
- C. 1 – 2 hours
- D. 1-2 days

[Right Answer (1) Wrong Answer (0)] **(MC_R/W4)**

5. In a total solar eclipse, the sun's _____ is visible around the moon's shadow. **(MC5)**

- A. Photosphere
- B. Light
- C. Glow
- D. Corona**..... **Correct**

[Right Answer (1) Wrong Answer (0)] **(MC_R/W5)**

6. It is dangerous to look directly at the sun during the partial eclipse phase because it can cause: **(MC6)**

- A. A headache
- B. Severe eye damage**..... **Correct**
- C. Death
- D. Distortions

[Right Answer (1) Wrong Answer (0)] **(MC_R/W6)**

7. NASA scientists are studying the Sun's activity during the eclipse to: **(MC7)**

- A. Determine the size of the sun
- B. Improve understanding and prediction of space weather that can affect Earth**..... **Correct**
- C. Measure the distance from the earth to the sun
- D. Understand how an eclipse affects Earth

[Right Answer (1) Wrong Answer (0)] **(MC_R/W7)**

8. Heliophysics is the study of: **(MC8)**

- A. helium
- B. the universe
- C. the sun**..... **Correct**
- D. the moon

[Right Answer (1) Wrong Answer (0)] **(MC_R/W8)**