

61. Which of the following is brightest planet?

- A. Mercury
- B. Venus
- C. Mars
- D. Jupiter

**Answer & Explanation**

**Answer:** Option B

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62. The orbits of planets around the sun, or of satellites around the earth can be:

- A. Circular and elliptic
- B. Circular and hyperbolic
- C. Elliptic and parabolic
- D. Parabolic and hyperbolic

**Answer & Explanation**

**Answer:** Option A

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63. The fastest planet is:

- A. Saturn
- B. Jupiter
- C. Mercury
- D. Pluto

**Answer & Explanation**

**Answer:** Option C

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64. The planet that has no satellite is:

- A. Mars
- B. Uranus
- C. Pluto
- D. Neptune

**Answer & Explanation**

**Answer:** Option C

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65. The change in colour of stars arises due to:

- A. Variation in their distance from the earth
- B. Variation in their surface temperature
- C. Fluctuations in their composition and size
- D. Irregular absorption or scattering in earth's atmosphere

**Answer & Explanation**

**Answer:** Option B

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66. The North Star is a part of the constellation:

- A. Orion
- B. Big dipper

C. Little dipper

D. Cassiopsiea

**Answer & Explanation**

**Answer:** Option C

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67. The outermost layer of the sun is called:

A. Lithosphere

B. Chromospheres

C. Corona

D. Photosphere

**Answer & Explanation**

**Answer:** Option B

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68. The planet having the largest number of satellites in the solar system is:

A. Mars

B. Jupiter

C. Saturn

D. Uranus

**Answer & Explanation**

**Answer:** Option C

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69. An observer at a point on the earth where only the penumbra region of moon's shadow will move past, will observe a:

A. Total solar eclipse

B. Partial solar eclipse

C. Total lunar eclipse

D. None of these

**Answer & Explanation**

**Answer:** Option B

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70. The radiant energy of the sun is transmitted in the form of:

A. Particles

B. Short waves

C. Long waves

D. None of these

**Answer & Explanation**

**Answer:** Option B