

191. On which of the following date/dates, Winter Solstice is observed in Northern Hemisphere?

- I. 21st December
- II. 5th August
- III. 10th January

- (A) Only I
- (B) I and II Both
- (C) Only III
- (D) Only II

Ans. (A)

192. The only planet whose period of rotation is longer than the period of revolution around the Sun?

- (A) Mercury
- (B) Jupiter
- (C) Venus
- (D) Neptune

Ans. (C)

193. Masses of stars and galaxies are usually expressed in _____.

- (A) Earth's mass
- (B) Solar mass
- (C) Lunar mass

(D) Neutron mass

Ans. (B)

194. Which of the following pair is CORRECT?

- I. Prime Meridian - Longitude
- II. Tropic of Cancer - Latitude
- III. Equator - Latitude

- (A) I and II
- (B) I and III
- (C) II and III

(D) All options are correct

Ans. (D)

195. During Lunar eclipse, which of the following is at the centre?

- (A) Earth
- (B) Moon
- (C) Sun
- (D) Any other planet

Ans. (A)

196. Which of the following planet is farthest from Sun?

- (A) Saturn

(B) Jupiter

(C) Neptune

(D) Uranus

Ans. (C)

197. For a time difference of two hours, the longitudinal distance will be equal to _____.

A) 15°

(B) 30°

(C) 45°

(D) 60°

Ans. (B)