

1- Consider the following statements regarding asteroids and comets?

1. Asteroids are small rocky planetoids, while comets are formed of frozen gases held together by rocky and metallic material.
2. Asteroids are found mostly between the orbits of Jupiter and Mars, while comets are found mostly between Venus and Mercury.
3. Comets show a perceptible glowing tail, while asteroids do not.

Which of the statement(s) given above is/are correct?

- (a) 1 only
(b) 1 and 2 only
(c) 1 and 3 only
(d) 1, 2 and 3

2-Consider the following statements:

1. The Earth is nearest to the Sun on about January 3.
2. Earth is farthest from the Sun on about July 4.

Which of the above statements is/are correct?

- (a) 1 only
(b) 2 only
(c) Both 1 and 2
(d) Neither 1 nor 2

3-Consider the following statements:

1. The nearest large galaxy of Milky Way is the Andromeda galaxy.
2. The Sun's nearest known star is a red dwarf star called Proxima Centauri, at a distance of 4.3 light years away.

Which of the above statement(s) is/are correct?

- (a) 1 only
(b) 2 only
(c) Both 1 and 2
(d) Neither 1 nor 2

4-The Earth is an oblate spheroid and not a perfect sphere. This is because

1. The Earth has a rotational motion and the rotational speed increases as one goes from the poles towards the equator.
2. The equator experiences greater gravitational pull from the sun.
3. The intensity of sunlight received at the equator is greater than that at the poles.

Select the correct answer using the codes given below

(a) Only 1

(b) 1 and 2

(c) Only 3

(d) All of these

5-Which of the following statements about tornadoes are correct?

Tornadoes usually spin

1. anticlockwise in the northern hemisphere.
2. clockwise in the southern hemisphere.
3. clockwise in the northern hemisphere.
4. anticlockwise in the southern hemisphere.

Select the correct answer using the code given below:

(a) 1 and 3

(b) 1 and 2

(c) 2 and 4

(d) 2 and 3

6-The terms longitude and latitude were first used by

(a) Herodotus

(b) Eratosthenes

(c) Posidonius

(d) Ptolemy

7-Consider the following statements and select the correct answer using the codes given below:

Assertion (A): The length of the day at the equator is always 12 hours.

Reason (R): The angle of incidence of the Sun's rays at the equator is constant.

Codes:

- (a) Both A and R are true and R is the correct explanation of A.**
- (b) Both A and R are true, but R is not the correct explanation of A.
- (c) A is true, but R is false.
- (d) A is false, but R is true.

8-Which the following is/are the characteristic(s) of Tropical Deciduous Forests?

- (i) Trees shed their leaves in the dry season to conserve water
 - (ii) The hardwood trees found in these forests are sal, teak and shisham
 - (iii) Tigers, lions, elephants and monkeys are common animals
- (a) only (i)
 - (b) (ii) and (iii)
 - (c) only (iii)

(d) All of the above

9-The Groups of people inhabiting Asiatic Tundra is known as

- (a) Vedda
- (b) Kirghiz
- (c) Samoyed**
- (d) Guacho

10-Consider the following statements:

1. Either of the two belts over the oceans at about 30° to 35° N and S latitudes is known as Horse Latitude.
2. Horse latitude are low pressure belts.

Which of the statements given above is/are correct?

- (a) 1 only**
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

11-This archaeological site consist of anumber of low archaeological mounds created by generations of super imposed mudbrick structures. Located close to the mouth of the Bolan Pass, it was abandoned by the time of the emergence of the literate urbanised phase of the Indus Civilisation. An entry in the UNESCO tentative list itis?

- (a) Lothal
- (b) Mehrgarh**
- (c) Inamgaon
- (d) Surkotada

12-Depictions of which of the following cannot be found in Harappan Seals?

- (a) One-horned rhinoceros or the Unicorn
- (b) Peepal leaves
- (c) Humped bull and elephant
- (d) Horses**

13-Jains celebrate five major events in the life of a Tirthankar. They are called Kalyanak (auspicious events). Consider the following with reference to them.

1. Chyavana Kalyanak is the event when the Tirthankar's soul is born.
2. Diksha Kalyanak is the event when the Tirthankar's soul attains true knowledge.
3. Kevaljnana Kalyanak is the event when Tirthankar's soul leaves the physical existence and becomes a siddha.

Select the correct answer using the codes below.

- (a) 1 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) None of the above**

14-Buddhamitra was known for

1. Writing virasoliyam which is a work on Tamil Grammar
2. Erecting inscriptions on images of bodhisattvas and the Buddha near Ganges river

Which of the above is/are correct?

- (a) 1 only

- (b) 2 only
- (c) Both 1 and 2
- (d) None of these

15-What was important about Shravasti in Buddhist history?

1. It was ruled by Pasenadi who was a disciple of Buddha.
2. The famous Jetavana Vihara is situated here.
3. It hosted the first sermon of the Buddha.

Select the correct answer using the codes below.

- (a) 1 only
- (b) 1 and 2only**
- (c) 2 and 3only
- (d) 1, 2 and 3

16-Kulasangha, mentioned by Kautilya in Arthashastra, is

- (a) Recruitment manual for new officers
- (b) A system of government**
- (c) A forum of the members of royal family
- (d) Procession led by a group of Kingdoms to assert authority over a certain region

17-What is the relationship between these two Tamil Epics - Silappatikaram and Manimekalai?

- (a) Manimekalai is a poetic composition of the prosaic content of Silappatikaram.
- (b) Both bear the same author and the same date of compilation.
- (c) Silappatikaram is a commentary on Manimekalai.

(d) Manimekalai is a sequel to Silappatikaram

18-Consider the following statements.

1. Manimegalai is a Tamil epic that criticizes Buddhism while investigating the strengths of contemporary Hindu traditions.
2. Silappatikaram, produced at Sangam, is a poetic rendition with details of Tamil culture.

Which of the above is/are correct?

- (a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) None of these

19-Consider the following statements.

1. Harsha prohibited the use of animal food in his kingdom and punished those who killed any living being.

2. Harsha gave away his enormous wealth as gifts to the members of all religious sects during the Allahabad Conference.

Which of the above is/are correct?

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) None of these

20-Consider the following matches:

1. Anantavarman: Kerala

2. Jagannatha: Bengal

3. Mahodayapuram: Orissa

4. Lilatilakam: Kangra

Select the correct answer using the codes below.

(a) 1, 2 and 3 only

(b) 2 and 4 only

(c) 1 and 3 only

(d) None of the above

21. Consider the following statements:

1. Under Article 32, the Supreme Court has power to issue writs for the enforcement of any of the fundamental and legal rights of citizens only.

2. The High Court can not issue writs to any authority outside its territorial jurisdiction.

Which of the statements given above is/are correct?

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

22. Consider the following statements about Ethiopia:

1. Ethiopia is a landlocked country sharing borders with Sudan, South Sudan, Kenya and Somalia.
2. The country has recently declared war with its enemy state of Eritrea.

Which of the statements given above is/are not correct?

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

23. Consider the following statements:

1. Inflation signifies decrease in the purchasing power of currency.
2. Inflation of any form is not good for the economy.

Which of the above statements is/are correct?

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

24. Consider the following statements:

1. Vulture Action Plan 2020-25 aims to ensure minimum use of Diclofenac.
2. All the species of vultures in India are critically endangered.

Which of the statements given above is/are correct?

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

25. With reference to Vital statistics of India based on the Civil Registration System report 2018, consider the following statements:

1. Haryana recorded the worst sex ratio at birth.
2. The report was published by the Census Commissioner of India.

Which of the statements given above is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2**