

1-In the Gupta administration, Sandivigraha were those officials who

- (a) Assisted the king in maintaining a close contact with the provincial administration
- (b) Looked after the city administration
- (c) Were princes and later became ministers of provinces

(d) Administered foreign affairs

2-The Gupta kings patronized the classical Sanskrit literature. With reference to several scholars and their composition in this period, consider the following matches:

- 1. Kalidas: Ritusambara
- 2. Vishakhadutta: Vikramorvashi
- 3. Shudraka: Raghuvamsha

Select the correct answer using the codes below.

- 1. 1 and 2 only

2. 1 only

- 3. 2 and 3 only

- 4. 3 only

3-The Allahabad inscription is often associated with which of the following rulers?

- (a) Allaudin Khilji

(b) Samudragupta

- (c) Ranjit Singh

- (d) Harshvardhana

4-What argument(s) would you advance to justify that the position of women had become miserable during the Gupta period?

- 1. Women were prohibited from studying religious texts.
- 2. The practice of Swyamvara was given up and Manusmriti suggested early marriage for girls.

Which of the above is/are correct?

- (a) 1 only

- (b) 2 only

(c) Both 1 and 2

(d) None

5-Consider the following with reference to the FaHien's account of India.

1. During his visit, stupa veneration was not practiced in India.
2. He frequently mentions the name of Chandragupta II in his works.
3. As per him, Buddhism was established mainly in the Gangetic valley.
4. He was looking for better copies of Buddhist books than were available in China at that time.

Select the correct answer using the codes below.

(a) 2 and 3 only

(b) 4 only

(c) 3 only

(d) 1, 2, 3 and 4

6- Which of the following pairs is/are correctly matched

A. Udiyanjeral: Chera Ruler

B. Senguttuvan: Chola Ruler

Select the Correct answer from the codes given below

a. Only A

b. Only B

c. Both A and B

d. Neither A nor B

7-Consider the following statement regarding 'Indian Feudalism'

- i. Feudalism led to increase in trade and urbanisation.
- ii. Feudalism had element of increasing dependence of peasantry on the landed intermediaries.
- iii. Land grants had led to decline in feudalism.
- iv. There were many similar features of Indian and European feudalism.

Which of the above statements are correct:

a. i and iii

b. ii and iii

c. i, ii and iv

d. ii and iv

8-The Chalukya queen who built the Jaina temple at Vijayawada was

a. Kunavai

b. Kundala-Mahadevi

c. Ayyana-Mahadevi

d. Silamahadevi

9-Which of the following burial types have been found in Harrapan sites

i. Extended burial

ii. Urn Burial

iii. Symbolic burial

iv. Fractional burial

Select the correct answer using the codes given below.

a. i, ii and iii

b. i, iii and iv

c. ii, iii and iv

d. All of the above

10- Some of Bhaskara's contributions to mathematics include

1. A proof of the Pythagorean theorem

2. Solutions of quadratic, cubic and quartic indeterminate equations

3. Derivation of the Hero's theorem for calculating a triangle's area

Select the correct answer using the codes below.

(a) 1 and 2 only

(b) 1 and 3 only

(c) 2 and 3 only

(d) 3 only

11- Which of the statement is true.

1. Coal is a sedimentary rock.

2. Basalt is an igneous rock.

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

12- Why do Fold Mountains have enormous thickness of sedimentary rocks?

(a) Due to deposition of sediments in a valley for millions of years

(b) Due to accumulation of sediments in a geosyncline

(c) The plains were folded into mountains

(d) The sediments were folded into recumbent and nappe folds

13- Which of the following factors influence ocean currents?

1. Rotation of the Earth

2. Air pressure and wind

3. Ocean water density

4. Revolution of the Earth

Select the correct answer using the codes given below

(a) 1 and 2

(b) 1, 2 and 3

(c) 1 and 4

(d) 2, 3 and 4

14- Ox-bow lake is a feature formed by

(a) River erosion in youthful stage

(b) Transportation action of the river

(c) River erosion in mature stage

(d) Deposition in old stage of a river

15- Humboldt Current flows

(a) Southwards in Western Pacific Ocean

(b) Northwards in Eastern Pacific Ocean

(c) Southwards in Eastern Pacific Ocean

(d) Northwards in Western Pacific Ocean

16- Which of the following seas are enclosed?

1. Andaman Sea

2. Arab Sea

3. Sea of Azov

4. Bering Sea

Select the correct answer using the codes given below

(a) 1 and 2

(b) 3 and 4

(c) 2 and 3

(d) 1 and 4

17- Which one among the following sequences of water bodies, from lower to higher salinity concentration, is correct?

(a) Gulf of California-Baltic Sea-Red Sea-Arctic sea

(b) Baltic Sea-Arctic Sea-Gulf of California-Red Sea

(c) Red Sea-Gulf of California-Arctic Sea-Baltic Sea

(d) Arctic Sea-Gulf of California-Baltic Sea-Red Sea

18- Consider the following statement (s) related to the Coral Bleaching

1. Bleaching causes corals to turn white or pale, because loss of pigment allows the limestone skeleton to become visible through transparent tissues.

2. Zooxanthellae provide reef corals most of their carbon, limestone depositing ability, and colour.

Select the correct code:

(a) Only 1

(b) Only 2

(c) Both 1 & 2

(d) Neither 1 nor 2

19- Consider the following statement (s) is/are related to the Wave action and long-shore drift?

1. The effect that waves have depends on their strength. Strong waves, also called destructive waves, occur on high-energy beaches and are typical of winter.

2. Long-shore drift occurs because waves hit the shore at an angle, pick up sediment (sand) on the shore and carry it down the beach at an angle (this is called swash).

Select the correct option:

(a) Only 1

(b) Only 2

(c) Both 1 & 2

(d) Neither 1 nor 2

20-Which of the following statement (s) is/are correct about Ocean heat content?

1. It refers to the heat stored in the ocean.

2. The changes in the ocean heat play an important role in sea level rise, because of thermal expansion.

Select the correct option :

(a) Only 1

(b) Only 2

(c) Both 1 & 2

(d) Neither 1 nor 2

21-With reference to Mitochondria, which of the following statements are correct?

1. Mitochondrial DNA is the small circular chromosome.

2. The mitochondria produce cellular energy in the form of adenosine triphosphate (ATP).

3. Mitochondrial DNA is inherited from the mother, while nuclear DNA is inherited from both parents.

Select the correct answer using the code given below:

(a) 1 and 3 only

(b) 2 and 3 only

(c) 1 and 2 only

(d) 1, 2 and 3

22. Consider the following statements:

1. The Open Skies Treaty between two countries provides rights for airlines to offer international passenger and cargo services.
2. Open Sky agreement allows a member State to undertake surveillance on any part of the host nation.

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

23. Which of the following statements is not correct regarding the different shapes of economic recovery?:

(a) In Z-shaped the economic disruption lasts for a small period wherein more than people's incomes, it is their ability to spend is restricted.

(b) In V-shaped the incomes and jobs are permanently lost, and the economic growth recovers gradually.

(c) In U-shaped the economy after falling, struggles around a low growth rate for some time, before rising gradually to usual levels.

(d) In K-Shaped after a recession, different parts of the economy recover at different rates, times, or magnitudes.

24. Consider the following statements regarding Semeru volcano:

1. It is a part of the Island arcs formed by the subduction of the Indo-Australian plate below Sunda Plate.

2. It is prone to seismic upheaval due to its location on the Pacific's Ring of Fire.

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. Which of the following statements is not correct regarding the 'Western disturbances'?

(a) It is an extra-tropical storm originating in the Mediterranean region.

(b) It is associated with rainfall, snowfall and fog in northern India.

(c) It is important for the development of the Kharif crop in the Northern subcontinent.

(d) It travels from the western to the eastern direction on high-altitude westerly jet streams.