

TEST – 5 (Textbook)
(INSTA Prelims Test Series 2021)

22. Which of these is/are the advantages of Vegetative Propagation?

1. Plants raised by vegetative propagation can bear flowers and fruits earlier than those produced from seeds.
2. It can be used to propagate even those plants that have lost the capacity to produce seeds.
3. It can produce plants that have a significant genetic resemblance to the parent plant.

Which of the above is/are correct?

- A. 1 and 3 only B. 2 only C. 3 only D. 1, 2 and 3

23. Consider the following statements.

1. The Ajivikas were a part of the Shramana tradition of Ancient India.
2. The Ajivika school is known for its Niyati doctrine of absolute determinism.
3. Ajivika school rejected any metaphysical theory based on reductionism, such as that of atoms or parmanu.

Which of the above is/are correct?

- A. 1 and 2 only B. 2 and 3 only C. 1 and 3 only D. 1, 2 and 3

24. Consider the following statements.

1. Mass spectrometry (MS) is an analytical technique that measures the mass-to-charge ratio of ions.
2. Mass spectrometry can detect the presence and quantity of various organic and inorganic compounds in substances by detecting the ions released by them.

Select the correct answer using the codes below.

- A. 1 only B. 2 only C. Both 1 and 2 D. None

25. Consider the following about the EX-Indra 2020.

1. It is being conducted bilaterally between India and Russia.
2. It will be conducted in the East China Sea.
3. It will be carried out close to the strategic Strait of Malacca.

Select the correct answer using the codes below.

- A. 2 and 3 only B. 1 only C. 1 and 3 only D. None of the above

26. It is used as a herb in Tibetan medicine and is the State flower of Uttarakhand. It blooms in mid-monsoon (July–August) at an altitudinal range of 3000–4800 m. It is

- A. Pink rhododendron B. Palash C. Brahma Kamal D. Noble orchid

27. Consider the following statements.

Rock-cut Elephant at Dhauli, which is noted for its significant religious and cultural footprints

1. was created during Ashoka's reign
2. is the earliest Buddhist sculpture of Odisha
3. is located at Nagarjuni hills

Which of the above is/are correct?

- A. 1 and 2 only B. 2 and 3 only C. 1, 2 and 3 D. 3 only

28. The features of Indian style of Federalism include

1. Each tier of the government has its own jurisdiction.
2. Each tier of the government can draw its own financial resources.
3. Each tier's existence and authority is constitutionally guaranteed.
4. The division of powers between the tiers cannot be changed without a legitimate constitutional, executive or legislative amendment.

Select the correct answer using the codes below.

- A. 1, 2 and 3 only B. 1, 2, 3 and 4 C. 3 and 4 only D. 1 and 2 only

29. Consider the following about the Protocol for Inland Water Trade & Transit (PIWTT) signed between India and Bangladesh.

1. It is devised to connect the two countries through inland waterways
2. As per the Protocol, inland vessels of one country can transit through the specified routes of the other country.
3. The Protocol allows for inland water sharing between the two countries.

Select the correct answer using the codes below.

- A. 1 only B. 1 and 2 only C. 2 and 3 only D. 1, 2 and 3