

1. Which of the following factors influence Jet Streams?

1. Coriolis force
2. Landmasses
3. Earth's rotation
4. Air masses

Select the correct answer using the code given below:

- a) 1 and 2 only
- b) 1 and 3 only
- c) 2 and 4 only
- d) 1, 2, 3 and 4**

2. Which of the following is/are not one of the characteristics of El Nino?

- a) Increased surface pressure over the Indian Ocean, Australia and Indonesia
- b) Rise in warm air near Peru
- c) Fall in air pressure over eastern and central Pacific Ocean and Tahiti.
- d) Below-average sea surface temperatures across the east-central Equatorial Pacific.**

3. In the demographic transition model which of the following stages is/are considered as "homeostatic" stage/s?

- a) Stages 1 and 3
- b) Stages 2 and 3
- c) Stages 1 and 4**
- d) Stage 4

4. Which of the following statement is correct with respect to the "profundal zone" in a lake?

- a) The rooted vegetation is found in this zone.
- b) Sediments and organisms like slug and snails are found here.
- c) The sunlight does not reach this zone.**
- d) The phytoplankton grows in abundance in this zone.

5. With reference to Monsoon, consider the following statements:

1. Seasonal reversal of wind accompanied by corresponding changes in precipitation.
2. Monsoon climate is found in Indian subcontinent only.
3. Jet stream plays significant role in Indian Monsoon.

Which of the statements given above are correct?

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

6. Mistral is the name of local wind in:

- a) North America
- b) South america
- c) Northern mediterranean**
- d) Scandinavia

7. Which among the following is correct about Feldspar?

- a) Used in ceramics and glass making industry.**
- b) Commonly found in meteorites
- c) Soluble in water.
- d) Often found in basaltic rocks.

8. Consider the following statements about the 'roaring forties'

1. They blow uninterrupted in the northern and southern hemispheres
2. They blow with great strength and constancy
3. Their direction is generally from north- west to east in southern hemisphere
4. Overcast skies, rain and rae weather are generally associated with them

Which of these statements are correct?

- a) 1,2,4
- b) 1,2,3**

c) 1,3,4

d) 2,3,4

9. Atlas mountains are located in:

- a) Morocco
- b) Algeria
- c) Tunisia
- d) All**

10. Cassini Mission is associated with the study of:

- a) Jupiter
- b) Mars
- c) Saturn**
- d) Sun

1. Article 13 declares that all laws that are inconsistent with or in derogation of any of the fundamental rights shall be void, Which among the following laws can be challenged in courts as violating FR?

- 1. Ordinances issued by the president or the state governors.
- 2. Delegated legislations.
- 3. Constitutional amendments.

Choose the correct codes:

- (a) 1 and 2 only
- (b) 1 and 3 only
- (c) 3 only
- (d) All the above**

2. Consider the following statements with respect to Union Public Service Commission:

- 1. The UPSC is not consulted while making reservations of appointments or posts in favour of any backward class of citizens.
- 2. The UPSC is not consulted while taking into consideration the claims of Scheduled Castes and Scheduled Tribes in making appointments to services and posts.

Which of the statements given above is/are correct?

- (a) Statement 1 is correct.
- (b) Statement 2 is correct.
- (c) Statement 1 and 2 are correct.**
- (d) Statement 1 and 2 are incorrect.

3. Which of the following articles are related to children?

- 1. Article 39
- 2. Article 45
- 3. Article 21A
- 4. Article 51A

Choose the correct option:

- (a) 1 and 2
- (b) 3 only
- (c) 2, 3 and 4
- (d) 1, 2, 3 and 4**

4. Consider the following statements with regard to Fundamental Duties:

- 1. They cannot be used by the courts to determine the constitutionality of a law.
- 2. They can be enforced by the Parliament through legislation.

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

5. Identify the Fundamental rights which are available only to the citizens of India

1. Freedom of Conscience and propagation of religion.
 2. Protection against arrest and detention in certain cases.
 3. Right to elementary education.
 4. Rights under article 19.
- (a) 1, 2 & 3 Only
 (b) 2 & 3 Only
 (c) 1, 2 & 4 Only
(d) Only 4
-
6. Consider the following statements regarding Central Bureau of Investigation:
1. The CBI was established on the recommendation of Santhanam Committee on Prevention of Corruption.
 2. The CBI is a statutory body.
 3. The CBI can investigate cases relating to serious crimes, having national and international ramifications.
- Which of the statements given above is/are Correct?
- (a) 1 and 3 only**
 (b) 1 and 2 only
 (c) 2 and 3 only
 (d) 1, 2 and 3
-
7. The president of India may direct that an act of parliament does not apply to Tribal areas (autonomous districts) with respect to which of the following states
1. Assam
 2. Meghalaya
 3. Tripura
 4. Nagaland
 5. Mizoram
- Choose the correct option:
- (a) 1 only
 (b) 1, 2, 3, 5
 (c) 2, 3, 5
 (d) All
-
8. Which of the following Democratic Constitution contains a list of duties of citizens?
- (a) USA
 (b) Japan
(c) UK
 (d) Germany
-
9. Consider the following statements.
1. The constitution of India is the result of rights of individuals.
 2. No civil or criminal proceedings can be instituted against the Governor of a state under any circumstances.
- Identify incorrect statements
- (a) Only 1
(b) Only 2
 (c) Both 1 & 2
 (d) Neither 1 nor 2
-
10. Identify correct statements regarding the right to freedom of religion.
1. The Supreme Court ruled that Cow slaughter during bakrid was not an essential practice of Islam in Moh(d) Hanif Qureshi case.
 2. The right to freedom of religion implies the right to convert others into a religion.
- (a) Only 1.**
 (b) Only 2.

- (c) Both 1 & 2.
 (d) Neither 1 nor 2.

1. Proper design and effective implementation of REDD+ programme can significantly contribute to
1. Protection of biodiversity
 2. Resilience of forest ecosystem
 3. Poverty reduction

Select the correct answer using the code given below.

- a) 1 and 2 only
 - b) 3 only
 - c) 2 and 3 only
 - d) 1,2 and 3 only**
2. Consider the following statement with regards to relation between Anchor investor relation and Initial Public Offerings(IPOs)
1. An anchor investor in an IPO is a qualified institutional buyer (QIB) like a foreign portfolio investor which invests before the IPO is made available to the public as per Sebi regulations.
 2. The demand in the anchor category is an indication of the success of the IPO
 3. Anchor investors also aid in price discovery of the IPO

Choose the correct statement/s using the code given below

- a) 1 and 3 only
 - b) 1 and 2 only
 - c) 2 and 3 only
 - d) All of the above**
3. Arrange the products according to their export quantity in recent times in decreasing order.
1. Petroleum products
 2. Engineering goods
 3. Gems and jewelry

Choose the correct answer using the codes given below

- (a) 1,2,3**
 - (b) 2,1,3
 - (c) 3,2,1
 - (d) 1,3,2
4. Consider the following statements:
1. A cloned animal is not the same as a genetically modified animal.
 2. A cloned animal shares the same DNA as another animal, while a genetically modified animal has had a change made to its DNA.

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
5. The adaptation gap report released by which of the following
- a) World bank
 - b) UNEP**
 - c) UNDP
 - d) UNFCC