

1. Which of the following are the advantages of 'Biomethanation'?
 1. Generation of gaseous fuel.
 2. Less capital intensive compared to composting and landfill.
 3. Green house gases emission to the atmosphere is avoided.Select the correct answer using the code given below:
 - (a) 1 and 2 only
 - (b) 2 and 3 only
 - (c) 1 and 3 only
 - (d) All of the above
2. Consider the following statements:
 1. Road Research Institute mandated plastic roads for all National Highways up to 50 km from cities that have a population of over half a million.
 2. The UN Sustainable Development Goal 11, among others, deals with waste management.
 3. Solid waste management is one of the important components of the "Swachh Bharat Mission".Select the correct answer using the code given below:
 - (a) 1 and 2 only
 - (b) 2 and 3 only
 - (c) 1 and 3 only
 - (d) All of the above
3. Arrange the following countries in decreasing order of the amount of electronic waste generated by them:
 1. China
 2. India
 3. US
 4. JapanSelect the correct answer using the code given below:
 - (a) 1>2>4>3
 - (b) 2>1>4>3
 - (c) 1>3>4>2
 - (d) 2>3>4>1
4. Which of the following have been correctly matched in the context of Indian freedom struggle?
 1. Jallianwala Bagh: Jalandhar, Punjab
 2. Champaran: Bihar
 3. Kheda: Gujarat
 4. Bardoli: MaharashtraSelect the correct answer using the code given below:
 - (a) 1, 2 and 3 only
 - (b) 2 and 3 only
 - (c) 1, 3 and 4 only
 - (d) All of the above
5. Arrange the following in the order of their occurrence in the context of Indian freedom struggle:
 1. Montagu-Chelmsford Report
 2. Rowlatt Act

3. Martial Law in Punjab
4. Jallianwala Bagh Massacre

Select the correct answer using the code given below:

- (a) 1>2>4>3 (b) 2>1>4>3
(c) 1>3>4>2 (d) 2>3>4>1

6. The Nataraja form of dance by Lord Shiva represents which of the following activities?
 1. Shrishti
 2. Sthiti
 3. Samhara
 4. Tirobhava

Select the correct answer using the code given below:

- (a) 1, 2 and 3 only
(b) 2 and 3 only
(c) 1, 3 and 4 only
(d) All of the above

7. Only massive stars that die in a supernova explosion result in the creation of 'black holes' because:
 - (a) Smaller stars are often engulfed by some nearby black hole before developing into one.
 - (b) Smaller stars become dense neutron stars, which are not massive enough to trap light.
 - (c) Smaller stars lead to the formation of Planets and comets.
 - (d) Smaller stars have very less life span to develop into a black hole.

8. Mount Agung is located on which of the following Islands?

- (a) Bali (b) Sumatra
(c) Lombok (d) Java

9. Consider the following statements:

1. The disciplinary functions of the Election Commission of India over officers, staff and police deputed to perform election duty during election period shall extend to transfer of such officers/staff.
2. The power of substitution of police personnel exercised by the EC is administrative in nature and compliance with the principles of natural justice is not required.

Select the correct answer using the code given below:

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

10. The process of mineralisation by micro organisms helps in the release of:

- (a) Inorganic nutrients from humus.
(b) Both organic and inorganic nutrients from detritus.
(c) Organic nutrients from humus.
(d) Inorganic nutrients from detritus and formation of humus.

11. Consider the following statements:

1. The electoral bond scheme is being implemented by the Ministry of Home Affairs under the Reserve Bank of India Act, 1934.

- (d) All of the above
16. Which of the following are members of the Lapis Lazuli Corridor?
1. Afghanistan
 2. Pakistan
 3. Turkmenistan
 4. Azerbaijan
- Select the correct answer using the code given below:
- (a) 1, 2 and 3 only
(b) 2 and 3 only
(c) 1, 3 and 4 only
(d) All of the above
17. Arrange the following from south to north:
1. Baltic Sea
 2. North Sea
 3. Mediterranean Sea
 4. Black Sea
- Select the correct answer using the code given below:
- (a) 1>2>3>4 (b) 2>1>4>3
(c) 3>4>2>1 (d) 2>3>4>1
18. Which of the following is landlocked?
- (a) Caspian Sea (b) Baltic Sea
(c) North Sea (d) Black Sea
19. Consider the following statements about 'Sambhar Lake':
1. It is the largest inland saline lake in the country.
 2. It is the largest Ramsar site in India.
 3. It has been declared a wetland under the Wildlife Protection Act, 1978.
- Select the correct answer using the code given below:
- (a) 1 only (b) 2 and 3 only
(c) 3 only (d) All of the above
20. The Fifth Schedule of the Constitution deals with which of the following?
- (a) Control and administration of the Schedule Areas.
(b) States and territories on of India.
(c) Provisions for the administration of tribal areas in Assam, Meghalaya, Tripura, Mizoram.
(d) Accession of Sikkim with India.

ANSWER KEYS

01 c 02 d 03 c 04 b 05 a 06 d 07 b 08 a 09 c 10 a
11 b 12 b 13 a 14 a 15 c 16 c 17 c 18 a 19 a 20 a