

1. Polymetallic nodules contain which of the following minerals in commercially attractive concentrations?
 1. Zirconium
 2. Iron
 3. Nickel
 4. cobaltSelect the correct answer using the code given below:
 - (a) 1, 2 and 3 only
 - (b) 2, 3 and 4 only
 - (c) 1, 3 and 4 only
 - (d) All of the above
2. The United Nations Convention on the Law of the Sea (UNCLOS) has created which of the following new institutions on the international scene?
 1. International Tribunal for the Law of the Sea
 2. International Seabed Authority
 3. Commission on the Limits of the Continental Shelf
 4. International Whaling CommissionSelect the correct answer using the code given below:
 - (a) 1, 2 and 3 only
 - (b) 2, 3 and 4 only
 - (c) 1, 3 and 4 only
 - (d) All of the above
3. In addition to regulation of whaling, International Whaling Commission (IWC) works to address which of the following issues?
 1. Ocean noise
 2. Pollution and debris
 3. Sustainable whale watchingSelect 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
4. Consider the following statements:
 1. The high seas are defined as the oceans that lie outside of the 200-nautical mile exclusive economic zone (EEZ) of countries with coastlines.
 2. All countries have the right to navigate, fly over, carry out scientific research and fish on the high seas without restriction.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
5. Consider the following statements:
 1. National Board for Wildlife has been created under the Environment Protection Act, 1986.
 2. The National Board for Wild Life is chaired by the Union Minister of Environment, Forest and Climate Change.

- (b) A funnel cloud is a tightly spinning column of air in contact with the ground beneath a thunderstorm cloud whereas a tornado spins in mid-air without touching the ground.
- (c) A tornado moves whereas wall cloud does not.
- (d) A wall cloud moves whereas a tornado does not.
11. Consider the following statements about 'Brown Carbon':
1. It is emitted mainly by high-temperature combustion processes.
 2. It absorbs sunlight strongly in the ultraviolet wavelengths and less significantly going into the visible.
- 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
12. Arrange the following contributors in the decreasing order of their nitrogen emissions in Indian context:
1. Chemical Fertilizers used in Agriculture
 2. Waste Water
 3. Residential and Commercial Activities
- Select the correct answer using the code given below:
- (a) 1>2>3 (b) 2>3>1
(c) 3>1>2 (d) 1>3>2
13. Consider the following statements about WAYU (Wind Augmentation Purifying Unit):
1. It is an air pollution mitigation device.
 2. It is indigenously developed by the Defence Research and Development Organisation (DRDO).
 3. It not only filters Particulate Matter but also Volatile organic compounds (VOCs) and Carbon Monoxide.
- 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
14. Arrange the following biotech crops in decreasing order of the area occupied by them in the world today:
1. Cotton
 2. Canola
 3. Soybeans
 4. Maize
- Select the correct answer using the code given below:
- (a) 1>2>3>4 (b) 2>3>4>1
(c) 3>4>1>2 (d) 4>1>3>2
15. Consider the following statements:
1. The Purchasing Managers' Index (PMI) is an indicator of the economic health of the manufacturing sector.
 2. A PMI of more than 50 represents expansion of the manufacturing sector.
- 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

16. Consider the following statements about the Monetary Policy Committee (MPC):
1. The Finance Minister is the chairman of the Committee.
 2. The Monetary Policy Committee is a statutory body.
 3. The quorum for a meeting of the Committee shall be six members.
- Select the correct answer using the code given below:
- (a) 1 and 2 only (b) 2 only
(c) 1 and 3 only (d) All of the above
17. Consider the following statements:
1. The glycemic index (GI) is a ranking of carbohydrates on a scale from 0 to 100 according to the extent to which they raise blood sugar (glucose) levels after eating.
 2. Foods with a high GI are those which are rapidly digested, absorbed and metabolised and result in marked fluctuations in blood sugar (glucose) levels.
 3. Brown rice has low GI than white rice.
- 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
18. The children of which of the following age group have been covered under the Rajiv Gandhi National Crèche scheme:
- (a) Children of 6 months to 6 years
(b) Children of 2 months to 6 years
(c) Children of 6 months to 2 years
(d) Children of 2 months to 2 years
19. 'Generalized System of Preferences (GSP)', which was recently in news, is concerned with which of the following?
- (a) World Trade Organisation
(b) U.S.
(c) International Monetary Fund
(d) European Union
20. National Council on India's Nutritional Challenges is headed by:
- (a) Prime Minister
(b) Health Minister
(c) Vice-Chairman NITI Aayog
(d) Secretary, National Nutrition Mission

ANSWER KEYS

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