

1. Consider the following statements:
 1. Geotagging is the process of adding geographical identification like latitude and longitude to various media such as a photo or video.
 2. National Remote Sensing Agency (NRSA) at Hyderabad helps in mapping of resources as well as monitoring of assets created under various schemes through geotagging.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
2. Consider the following statements:
 1. Nearly 99 % of the total mass of the atmosphere lies within 30 km of the Earth's surface.
 2. The proportion of ozone in the atmosphere increases to a maximum at about 60 km from Earth's surface.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
3. Which of the following is the highest form of economic integration among different nations?
 - (a) Custom Union
 - (b) Free Trade Area
 - (c) Economic Union
 - (d) Common Market
4. Consider the following statements:
 1. NASA's Cassini spacecraft studied Saturn and its moons.
 2. Saturn is the furthest planet visible from Earth with the naked eye.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. Which among the following are applications of 'E-Kuber'?
 1. Auction of Government securities.
 2. Subscription of Sovereign Gold Bonds.
 3. Goods and Service Tax settlements.
 4. Trading in the priority sector lending certificates.Select the correct answer using the code given below:
(a) 1, 2 and 3 only (b) 1, 2 and 4 only
(c) 1, 3 and 4 only (d) All of the above
6. Which of the following are among the applications of 'Artificial Intelligence'?
 1. Voice-powered personal assistants.
 2. Development of driverless cars.
 3. Development of facial recognition software.Select the correct answer using the code given below:
(a) 1 and 2 only (b) 1 and 3 only
(c) 2 and 3 only (d) All of the above

7. Which of the following is a qualitative credit control method?
- Open market operations
 - Bank rate
 - Variable cash reserve ratio
 - Moral suasion
8. If the U.S. Federal Reserve will resort to rolling back of its quantitative easing programme then:
- Interest rates on U.S. bonds will rise.
 - The Indian stock market will witness an inflow of foreign capital.
 - The Indian rupee will become weak against the U.S. dollar.
- Select the correct answer using the code given below:
- 1 and 2 only
 - 1 and 3 only
 - 2 and 3 only
 - All of the above
9. Which among the following are the main features of the new Hydrocarbon Exploration and Licensing Policy (HELP)?
- Uniform license for exploration and production of all forms of hydrocarbon.
 - An open acreage policy.
 - Profit sharing model.
 - Marketing and pricing freedom for the crude oil and natural gas produced.
- Select the correct answer using the code given below:
- 1, 2 and 3 only
 - 2, 3 and 4 only
 - 1, 2 and 4 only
 - All of the above
10. Consider the following statements:
- Carbon-14 dating, also called radiocarbon dating, method of age determination depends upon the decay to nitrogen of radiocarbon (carbon-14).
 - Carbon-14 method is used for dating fossils and archaeological specimens from 500 to 500,000 years old.
- 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 |

ANSWER KEYS

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