

PRELIMS SPECIAL – 51 (FOR UPSC CSE 2018)

1. Consider the following statements:

1. Chandrayaan-2, India's second mission to the Moon, is a totally indigenous mission.
2. The mission will carry a six-wheeled Rover which will move around the landing site in semi-autonomous mode as decided by the ground commands.
3. The Chandrayaan-2 would orbit around the moon and perform the objectives of remote sensing the moon.

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 about the recently released Indian sign language dictionary:

1. It has more than 3,00,000 words, catering to the needs of people having speech and hearing disabilities.
2. Besides everyday terms, it includes legal, medical, academic and technical terms.

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. Besides the five permanent members of the United Nations Security Council, which of the following countries has been involved with the Iran Nuclear Deal?

- | | |
|------------------|-------------|
| (a) Japan | (b) Germany |
| (c) Saudi Arabia | (d) India |

4. Which of the following cities will host the 21st edition of the Commonwealth Games in April, 2018?

- (a) New Delhi, India
- (b) Gold Coast, Australia
- (c) Tokyo, Japan
- (d) Karachi, Pakistan

5. Consider the following statements:

1. In 1998, Kuala Lumpur in Malaysia hosted the Commonwealth Games for the first time in an Asian country.
2. India won its first gold medal in the Commonwealth Games through the legendary 'Flying Sikh' Milkha Singh.

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

6. Consider the following statements:

1. Fly-ash can help in managing the soil pH.
2. Fly-ash being alkaline helps to reduce the soil acidity.

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

7. Consider the following statements about the 'fly-ash':

1. Fly-ash has been classified as a Green List waste under the Organization for Economic Cooperation and Development (OECD).
2. It is not considered as a waste under Basel Convention.
3. One of the reasons of low fly-ash utilization in India is the unavailability of appropriate cost-effective technologies.

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

8. Consider the following statements:

1. Agricultural lime application contributes to global warming.
2. Use of fly-ash instead of lime in agriculture can reduce global warming.

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

9. ISRO has entered into a Technology Transfer Agreement (HA) with which of the following, to transfer the technology for the manufacture of space grade Li-Ion cells?

- (a) Bharat Heavy Electricals Limited
- (b) Bharat Electronics Limited
- (c) Hindustan Aeronautics Limited
- (d) Heavy Engineering Corporation

10. Li-Ion batteries are generally used as power sources for satellite and launch vehicle applications due to their:

1. High energy density
2. Reliability
3. Long cycle life

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

11. Which of the following organizations organize Earth Hour every year?
- World Bank
 - United Nations Environmental Programme
 - World Wildlife Fund
 - Earth First
12. Consider the following conditions:
- If the body temperature rises above 40° Celsius, and the body loses the ability to cool down, it is considered to be heatstroke.
 - Heatstroke can be brought on by physical exertion in hot conditions, or simply by being in a hot environment.
- Select the correct answer using the code given below:
- 1 only
 - 2 only
 - Both 1 and 2
 - Neither 1 nor 2
13. Cancer cells can spread to the different parts of the body through which of the following?
- Blood
 - Lymph nodes
- Select the correct answer using the code given below:
- 1 only
 - 2 only
 - Both 1 and 2
 - Neither 1 nor 2
14. Consider the following statements:
- The Great Pacific Garbage Patch (GPGP) is the largest of the five offshore plastic accumulation zones in the world's oceans.
 - It is located halfway between Hawaii and Iceland.
- Select the correct answer using the code given below:
- 1 only
 - 2 only
 - Both 1 and 2
 - Neither 1 nor 2
15. 'Saora' paintings, which are in great demand across the world, are from which of the following States?
- Odisha
 - Jharkhand
 - Himachal Pradesh
 - Telangana
16. Which of the following species of vultures are considered Critically Endangered?
- Slender-billed Vulture
 - White-rumped vulture
 - Indian Vulture
- Select the correct answer using the code given below:
- 1 and 2 only
 - 2 and 3 only
 - 1 and 3 only
 - All of the above

17. Consider the following statements about the “Integrated Scheme for Development of Silk Industry”:
1. It is a Central Sector Scheme.
 2. The scheme aims to achieve self-sufficiency in silk production by 2025.
 3. Brand Promotion of Indian silk will be encouraged under it through quality certification by Silk Mark not only in the domestic market but in the Export market as well.
- 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 value of acceleration due to gravity:
- (a) Is least on equator.
 - (b) Is least on poles.
 - (c) Is same on equator and poles.
 - (d) Increases from pole to equator.
19. Which of the following are among the criteria for classification of living organisms?
1. Body design of the organism
 2. Ability to produce one’s own food
 3. Membrane bound nucleus and cell organelles
 4. Height of the plant
- Select 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) 1, 2 and 4 only
20. If there were no atmosphere around the earth, the temperature of the earth will:
- (a) Increase.
 - (b) Go on decreasing.
 - (c) Increase during day and decrease during night.
 - (d) Be unaffected.

ANSWER KEYS

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