

PRELIMS SPECIAL – 42 (FOR UPSC CSE 2018)

1. Which of the following has become the first state in the country to offer its residents email ids in Hindi
 - (a) Rajasthan
 - (b) Uttar Pradesh
 - (c) Bihar
 - (d) Haryana
2. Invasive species possess characteristic features such as:
 1. Pioneer species in varied landscapes.
 2. Tolerant of a wide range of soil and weather conditions.
 3. Long flowering and fruiting periods.
 4. Relatively small amounts of DNA in their cell nuclei.Select the correct answer using the code given below:
 - (a) 1, 2 and 3 only
 - (b) 2, 3 and 4 only
 - (c) 1, 2 and 4 only
 - (d) All of the above
3. Which of the following statements is correct:
 - (a) India accounts for 8% of the global biodiversity existing in only 2.4% land area of the world.
 - (b) India accounts for 7% of the global biodiversity existing in only 2.4% land area of the world.
 - (c) India accounts for 2% of the global biodiversity existing in only 2.4% land area of the world.
 - (d) India accounts for 3.4% of the global biodiversity existing in only 2.4% land area of the world.
4. Which of the following statements is correct:
 - (a) The Constitution includes provision for categorisation of a State in India as a Special Category Status (SCS) State on the basis of hilly and difficult terrain.
 - (b) The Constitution includes provision for categorisation of a State in India as a Special Category Status (SCS) State on the basis of the presence of sizeable tribal population.
 - (c) The Constitution includes provision for categorisation of a State in India as a Special Category Status (SCS) State on the basis of economic and infrastructural backwardness.
 - (d) The Constitution does not include any provision for categorisation of any State in India as a Special Category Status (SCS) State.
5. Which of the following countries has decided to launch the world's first legal tender cryptocurrency?
 - (a) Israel
 - (b) Marshall Islands
 - (c) Panama
 - (d) UAE
6. The Scheme 'Ayushman Bharat' which was announced in the recent Union Budget:
 - (a) aims to target school going children.
 - (b) aims to increase the life-expectancy of women to match that of men.
 - (c) is the National Health Protection Scheme.
 - (d) is the Scheme to make India leprosy free.

7. Consider the following statements about the PRADHAN MANTRI KISAN SAMPADA YOJANA (PMKSY):
1. It is being implemented as a Central Sector Scheme.
 2. It is being implemented in the food processing sector.
 3. It is coterminous with the 14th Finance Commission Cycle.
- 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. As per the World Malaria Report 2017 of World Health Organization (WHO), the estimated malaria cases from India are 87% in South East Asia region.
 2. Malaria is mainly concentrated in the states of Odisha, Chhattisgarh, Jharkhand, Meghalaya, Mizoram and Tripura.
 3. Global technical strategy announced by WHO call for malaria elimination by 2020.
- 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
9. Which of the following statements is correct regarding Golden rice?
- (a) A variety of rice grown along the yellow river in China.
 - (b) Long stored rice having yellow colour tint.
 - (c) A transgenic rice having gene for —beta carotene.
 - (d) Wild variety of rice with yellow coloured grains.
10. The vitamin whose content increases following the conversion of milk into curd by lactic acid bacteria is:
- (a) vitamin C
 - (b) vitamin D
 - (c) vitamin B12
 - (d) vitamin E
11. Consider the following statements:
1. The Animal Welfare Board of India is a statutory advisory body.
 2. The Animal Welfare Board of India was the first of its kind to be established by any Government in the world.
 3. Shrimati Menika Gandhi pioneered the setting up of the Animal Welfare Board of India.
- 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

12. Which of the following transgenic crops are allowed to be cultivated in India?

1. Cotton
2. Brinjal
3. Mustard

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

13. Consider the following statements regarding the Genetic Engineering Appraisal Committee:

1. To appraise activities involving large scale use of hazardous microorganisms and recombinants in research and industrial production from the environmental angle.
2. To appraise proposals relating to release of genetically engineered organisms and products into the environment including experimental field trials.
3. The committee or any persons authorized by it has powers to take punitive action under the Biological Diversity Act.

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. IMPacting Research INnovation and Technology or IMPRINT is a first-of-its-kind Pan-IIT and Indian Institute of Science joint initiative to:

1. Create an education policy for inculcating scientific temperament and innovation skill.
2. Develop the research roadmap for technology preparedness.
3. Develop a specific technological product or process.

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

15. Consider the following statements:

1. India has got the go-ahead to join the European Bank of Reconstruction and Development (EBRD).
2. The EBRD assists only those countries 'committed to and applying the principles of multi-party democracy and pluralism'.

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:

1. Sukhad Yatra mobile application has been prepared by National Highways Authority of India, NHAI, to empower the Highway user.
2. The key feature of the app includes provision for the user to enter road quality-related information or to report any accident or pothole on the highway.

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
17. Biochemical oxygen demand of waste water is estimated by measuring the amount of:
- (a) total organic matter
 - (b) biodegradable organic matter
 - (c) oxygen evolution
 - (d) oxygen consumption
18. The technology of biogas production from cow dung was developed in India largely due to the efforts of:
- (a) Gas Authority of India
 - (b) Oil and Natural Gas Commission
 - (c) Indian Agricultural Research Institute and Khadi & Village Industries Commission
 - (d) Indian Oil Corporation
19. Big holes in Swiss cheese are made by:
- (a) a machine.
 - (b) a bacterium that produces methane gas.
 - (c) a bacterium producing a large amount of carbon dioxide.
 - (d) a fungus that releases a lot of gases during its metabolic activities.
20. Which one of the following is a bacterial disease?
- (a) Rust of wheat
 - (b) Smut of Bajra
 - (c) Black rot of crucifers
 - (d) Red rot of sugarcane

ANSWER KEYS

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