

1. With respect to the Hyperloop technology recently seen in news, which of the following statements stands true ?
 - 1) Hyperloop is a new technology wherein vacuum is used to transport people and cargo at a very high speed.
 - 2) Once passengers or cargo is loaded into the hyperloop vehicle, it accelerates through electric propulsion and floats above the track using magnetic levitation to reach the destination.
 - 3) It glides at airline speeds for long distances due to ultra-low aerodynamic drag and is thus called revolutionary technology.
 Choose the correct option :
 a) 1 & 2 only b) 2 & 3 only c) 1 & 3 only **d) All of the above**
2. Which of the following cultural heritage sites in India and their corresponding location states/UT's are correctly matched?
 - 1) Jantar Mantar: New Delhi
 - 2) Khajuraho monuments : Madhya Pradesh
 - 3) Monuments at Pattadakal : Karnataka
 - 4) Rani Ki Vav : Maharashtra
 - 5) Nalanda Mahavihara : Bihar
 Choose the correct option :
 a) 1, 2 & 3 only **b) 2, 3 & 5 only** c) 1, 3 & 4 only d) 2, 4 & 5 only
3. Samples taken from two-thirds of the water quality stations spanning India's major rivers showed contamination by one or more heavy metals, exceeding safe limits set by the Bureau of Indian Standards. Which of the following statements regarding the findings stands true ?
 - 1) The main sources of heavy metal pollution are mining , milling , plating and surface finishing industries that discharge a variety of toxic metals into the environment.
 - 2) The presence of metals in drinking water is to some extent unavoidable and certain metals, in trace amounts, required for good health.
 - 3) Lead, cadmium, nickel, chromium and copper contamination were more common in monsoon periods while iron, chromium and copper exceeded 'tolerance limits' in non- monsoon periods most of the time.
 Choose the option :
a) 1 & 2 only b) 2 & 3 only c) 1 & 3 only d) All of the above
4. The government of India has deployed Indian National Trust for Art and Cultural Heritage (INTACH) to provide consultancy services for Post-Earthquake reconstruction of 11 Cultural Heritage sites in Nepal. Which of the following statements regarding the same stands true ?
 - 1) INTACH is one of the largest heritage organizations of the world with over 190 chapters across India. It was awarded a special consultative status for United Nations Economic and Social Council in 2007.
 - 2) INTACH will provide Design and Project Management Consultancy services for the reconstruction of 11 Cultural Heritage sites in Kathmandu, Lalitpur, Bhaktapur and Solukhumbu districts of Nepal.
 - 3) INTACH is a non-profit charitable organisation registered under the Societies Registration Act, 1860.
 Choose the correct option :
 a) 1 & 2 only b) 2 & 3 only c) 1 & 3 only **d) All of the above**
5. The "Papikonda national park" where 50 experts from southern and north eastern parts of the country will take part in the first butterfly survey, is located in which of the following states ?
 - a) Kerala **b) Andhra Pradesh** c) Telangana d) Tamilnadu
6. Consider the following statements regarding Anti-tank guided missile (ATGM) :
 1. It is primarily designed to hit and destroy heavily armored military vehicles.
 2. The Indian Army has inducted Israel-made anti-tank guided missiles (ATGM) Spike along the LoC in Jammu and Kashmir.
 3. Known as the 'fire and forget' missiles, Spike ATGMs are portable by men.
 Which of the above statements is/are correct?
 a) 1, 2 b) 1, 3 c) 2, 3 **d) 1, 2, 3**
7. India's Polar Satellite Launch Vehicle, PSLV-C47 has launched Cartosat-3. Cartosat-3 is mainly used for
 1. Weather mapping

2. Measure wind speeds and direction
3. Urban planning
4. Coastal land use

Select the correct answer code :

- a) 1, 2, 3 **b) 1, 3, 4** c) 2, 3, 4 d) 1, 2, 3, 4

8. Consider the following statements :

1. Guru Ghasidas National Park is set to become Chattisgarh's first tiger reserve.
2. In-principle approval has to be accorded by the National Tiger Conservation Authority for the creation of new tiger reserves.

Which of the above statements is/are correct?

- a) 1 only **b) 2 only** c) Both 1 and 2 d) None of the above

9. Consider the following statements regarding State Disaster Response Fund (SDRF).

1. SDRF was constituted based on the recommendations of the 14th Finance Commission.
2. The Central Government contributes 50% to SDRF and the remaining 50% is provided from the State Government.
3. A State Government may use the funds available under the SDRF for providing immediate relief to the victims of natural disasters that they consider to be 'disasters' within the local context in the State.

Which of the above statements is/are incorrect?

- a) 1 only **b) 1, 2** c) 1, 3 d) 2, 3

10. An estimated 4.2 million premature deaths globally are linked to ambient air pollution. Worldwide ambient air pollution can lead to :

1. Lung cancer
2. Acute lower respiratory infection
3. Stroke
4. Ischaemic heart disease
5. Chronic obstructive pulmonary disease

Select the correct answer code:

- a) 1, 2, 3, 4 b) 1, 3, 4, 5 c) 2, 3, 4, 5 **d) 1, 2, 3, 4, 5**

11. RISAT-2BR1 will be used for

1. National security
2. Agriculture
3. Forestry
4. Disaster management

Choose the correct option :

- a) 1 only b) 1 & 4 c) 1,2,3 **d) All**

12. Consider the following statements :

1. Papikonda National Park (PNP) is a part of Nilgiri biosphere reserve
2. It will carry out the maiden survey with an aim to record all butterfly species, and also conduct a study on migratory species in the national park .

Choose correct option :

- a) Only 1 **b) Only 2** c) Both 1 and 2 d) None of the above

13. Consider the following statements :

1. India's first International Financial Services Centre (IFSC) became operational at Gujarat International Finance Tec (GIFT) City in Gandhinagar.
2. Currently, the banking, capital markets and insurance sectors in IFSC are regulated by SEBI.

Choose correct option :

- a) Only 1** b) Only 2 c) Both 1 and 2 d) None of the above

14. Consider the following statements :

1. The Maintenance and Welfare of Parents and Senior Citizens (Amendment) Bill, 2019, has provisions for the elderly to claim maintenance and for voluntary registration of senior citizens care homes and other such institutions which will have to comply with prescribed minimum standards

2. The Bill defines "abuse" as physical, verbal, emotional and economic abuse, neglect and abandonment, causing assault, injury, physical or mental suffering.
 Choose the correct option :
 a) Only 1 **b) Only 2** c) Both 1 and 2 d) None of the above
15. Which of the following statement is incorrect?
 a) Code on Social Security, 2019, seeks to amend and consolidate laws relating to the social security of employees, subsuming eight Central laws.
b) The new code will give the option for the reduction of Provident Fund contribution by employees and employers in some sectors from 12% to 10%.
 c) The Bill also proposes to set up a social security fund using the funds available under corporate social responsibility, to provide welfare benefits such as pensions and death and disability benefits.
 d) It is one of the 4 labour codes
16. Countries involved in Marine Security Belt
 1. India
 2. China
 3. Pakistan
 4. Iran
 5. Russia
 6. USA
 Choose the correct option :
 a) 1, 3, 6 b) 1 & 6 c) 1, 4, 5 **d) 2, 4, 5**
17. Consider the following statements :
 1. The current base year for the IIP series in India is 2011-12
 2. It is a composite indicator expressed in terms of an index number which measures the short term changes in the volume of production of a basket of industrial products during a given period with respect to the base period.
 Choose the correct option :
 a) Only 1 b) Only 2 **c) Both 1 and 2** d) None
18. Stagflation is
 (a) Persistent high inflation condition
 (b) Long time demand decline
 (c) Long time low inflation and low employment
(d) Persistent high inflation combined with high unemployment and stagnant demand
19. Consider the following statements :
 1. National Financial Reporting Authority, NFRA is a body proposed in Companies Act 1956 for the establishment and enforcement of accounting and auditing standards and oversight of the work of auditors
 2. The jurisdiction of the NFRA will extend to all listed companies as well as large unlisted public companies.
 Choose the correct option :
 a) Only 1 **b) Only 2** c) Both 1 and 2 d) None
20. Consider the following statements :
 1. Wavell plan proposed an interim govt.
 2. Wavell Plan is also known as Breakdown Plan and was not accepted by the British, for whom, leaving without a universally agreed agreement was dishonorable.
 Choose correct option :
 a) Only 1 **b) Only 2** c) Both d) None

ANSWER KEYS

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