

1. Consider the following statements :

1. The Directorate of Film Festivals in India is an organization that initiates and presents the International Film Festival of India, the National Film Awards and the Indian Panorama
2. The 50th International Film Festival of India would be held from November 20 - 28, 2019 in Mumbai.

Choose the correct option :

- (a) Only 1                                      (b) Only 2  
 (c) Both 1 and 2                              (d) None of these

2. Consider the following statements :

1. The National Cooperative Development Corporation (NCDC) is a statutory Corporation set up under ministry of MSME .
2. NCDC along with the Ministry of Agriculture and Farmers' Welfare and Ministry of Commerce organized the first ever 'India International Cooperatives Trade Fair'(IICTF)

Choose the correct option :

- (a) Only 1                                      (b) Only 2  
 (c) Both 1 and 2                              (d) None of these

3. DHRUV programme was recently launched by

- (a) ISRO                                      (b) NITI Aayog  
 (c) MHRD                                      (d) PMO

4. SUMAN Scheme Is related to

- (a) Adolescent girls                              (b) Horticulturists  
 (c) Pregnant Mothers                              (d) Destitute

5. Hongyun project recently seen in news is related to

- (a) Longest railway bridge construction in China  
 (b) Discovery of a new exotic planet outside our solar system  
 (c) Space-based communications network to provide broadband internet connectivity  
 (d) Surveying the surface of Mars

6. Consider the following statements regarding National Centre for Clean Coal Research and Development.

1. National Centre for Clean Coal Research and Development is a national consortium on clean coal research and development with IISc leading it.
2. It would address several critical R&D challenges towards the development of clean coal technologies in tandem with developing supercritical power plant technologies.

Which of the above statements is/are correct?

- (a) 1 only                                      (b) 2 only  
 (c) Both 1 and 2                              (d) None

7. Consider the following statements :

1. Palm oil accounts for nearly two-thirds of India's total edible oil imports. India buys more than 9 million tonnes of palm oil annually, mainly from Indonesia and Malaysia.
2. India, the world's biggest importer of edible oils, is planning to substitute Malaysian palm oil with supplies of edible oils from countries such as Indonesia, Argentina and Ukraine.
3. Andhra Pradesh is currently the largest oilseed producing state in India.

Which of the above statements stands true ?

- (a) 1 & 2 only

- (b) 2 & 3 only
- (c) 1 & 3 only
- (d) All of the above

8. The islands form an archipelago of volcanic islands situated off the south-east coast of Africa, to the east of Mozambique and north-west of Madagascar. The islands formed, with Zanzibar, Pemba, Lamu, and the coastal towns of Kenya and Tanzania, a united and prosperous region of Swahili culture, trading in local goods which were exported to the African coast, Madagascar, the Middle East and India.

The above description refers to which of the following island groups (recently seen in news) ?

- (a) Seychelles
- (b) Mauritius
- (c) Comoros
- (d) Bahamas

9. Southwest Monsoon had a delayed arrival but did display a bumper performance this time, officially ending at 110 percent of the Long Period Average. However, as far as the withdrawal is concerned, it seemed like Monsoon was in no mood to retreat and even in the first week of October, there were no signs of the withdrawal of Monsoon.

Which of the following statements regarding the withdrawal of south west monsoons stands true?

- 1. The withdrawal of the monsoon begins with the development of a high-pressure area over northwest India.
- 2. High-pressure zones represent settled weather and low wind movement, whereas intense low-pressure zones attract moisture-bearing winds and therefore host weather disturbances like rains, thunderstorms or lightning.
- 3. This year, the presence of multiple low-pressure weather systems over the subcontinent, especially northern and western India, prevented the timely formation of high pressure (i.e. anticyclonic) conditions essential for the rains' withdrawal.

Choose the correct option :

- (a) 1 & 2 only
- (b) 2 & 3 only
- (c) 1 & 3 only
- (d) All of the above

10. Instruments onboard the Chandrayaan-2 orbiter were able to detect and measure the amount of X-ray emissions released by the Sun during a recent solar flare activity. Which of the following statements regarding the same stands true ?

- 1. Solar flares, which take place over short periods, emit a large amount of radiation. The amount of radiation depends on the intensity of the solar flares taking place near the Sun's surface.
- 2. The Chandrayaan 2 Large Area Soft X-ray Spectrometer (CLASS) -- has the ability to read these X-ray emissions and thus identify elements present on the Moon's surface.
- 3. Atoms of every element have same X-ray emissions which helps the orbiter to collect mass data emitted from the solar surface.

Choose the correct option :

- (a) 1 & 2 only
- (b) 2 & 3 only
- (c) 1 & 3 only
- (d) All of the above

11. Consider the following pairs of UNESCO recognised world heritage sites in India with their corresponding locations :

1. Great living chola temples :Thanjavur
2. Humayun's Tomb : Hyderabad
3. Victorian Gothic : Mumbai
4. Champaner – Pavagadh Archeological Park : Muhammadpur
5. Keoladeo National Park : Manas

Which of the above pairs are correctly matched ?

- (a) 1 , 2 & 3 only
- (b) 3 , 4 & 5 only
- (c) 1 , 3 & 4 only
- (d) 2 & 5 only

12. Consider the following statements :

1. International Mobile Telecommunications-2020 (IMT-2020 Standard) are the requirements issued by the ITU for 5G networks , devices and services .
2. The 3rd Generation Partnership Project (3GPP) is a standards organization which was associated with 5G development .

Choose the correct option :

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

13. Shannon limit is related to

- (a) Visibility in space
- (b) Planet's mass & gravity
- (c) Ecological balance in an ecosystem
- (d) Digital communication

14. Quilombos are the community found in

- |                  |             |
|------------------|-------------|
| (a) South Sudan  | (b) Brazil  |
| (c) Burkina Faso | (d) Eritrea |

15. Consider the following statements :

1. National Physical Laboratory maintains the standards of measurements in India
2. It is not related to CSIR .

Choose correct

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

16. Consider the following statements :

1. Staphylococcus aureus is a Gram-negative, roundshaped bacterium that is a usual member of the microbiota of the body .
2. S. aureus biofilm has high resistance to antibiotic treatments and host immune response

Choose the correct option :

- |            |            |
|------------|------------|
| (a) Only 1 | (b) Only 2 |
|------------|------------|

- (c) Both (d) None
17. Which was approved as food by U.S. regulators to tackle malnutrition
- GM Brinjal
  - GM Potato
  - GM cottonseeds
  - GM Tomato
18. Consider the following statements regarding Central Adverse List :
- Central Adverse List is a list of individuals who supported the Khalistan movement in the 1980s and '90s and left India to take asylum abroad.
  - The list is maintained by Ministry of External Affairs.
  - The list also has names of individuals who are suspected to have links with terror outfits or violated visa norms in a previous visit to India.
- Which of the above statements is/are correct?
- 1, 2
  - 1, 3
  - 2, 3
  - 1, 2, 3
19. Consider the following statements :
- Civil aviation is a Central subject.
  - More than half of states in India have active civil aviation departments.
  - For any airline in India, the cost of Aviation Turbine Fuel (ATF) forms about 40% of the total operational cost.
- Which of the above statements is/are correct?
- 1, 2
  - 2, 3
  - 1, 3
  - 1, 2, 3
20. Consider the following statements regarding Strategy on Resource Efficiency :
- Ministry of Environment, Forest and Climate Change (MoEFCC) in collaboration with the European Union delegation to India have released the Strategy on Resource Efficiency.
  - This strategy is the first policy document to emphasize resource productivity in the country.
  - The Strategy emphasizes on Sustainable Public Procurement (SSP) as an action agenda which will be the market transformation tool to transform to a resource efficient economy.
- Which of the above statements is/are correct?
- 1, 2
  - 1, 3
  - 2, 3
  - 1, 2, 3

### **ANSWER KEYS**

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