

1. Consider the following statements regarding Jammu and Kashmir Public Safety Act (PSA) :
  1. The Act was introduced to prevent the smuggling of timber and keep the smugglers out of circulation.
  2. This is a preventive detention law that allows the State government to detain a person up to two years without a trial.
  3. It is similar to the National Security Act.
 Which of the above statements is/are correct?  
 (a) 1, 2                      (b) 2, 3  
 (c) 1, 3                      (d) 1, 2, 3
2. Consider the following statements regarding Pradhan Mantri Ujjwala Yojana :
  1. Under the scheme, an adult woman member of a below poverty line family identified through the Census 2011 is given a deposit-free LPG connection.
  2. All SC/STs households beneficiaries of Pradhan Mantri Awas Yojana(PMAY) (Gramin) are also covered under the scheme.
  3. Interest free loan to purchase stove and refill is provided by Oil Marketing Companies.
 Which of the above statements is/are correct?  
 (a) 1, 2                      (b) 2, 3  
 (c) 1, 3                      (d) 1, 2, 3
3. Which of the following statement is correct regarding 'Janaushadhi Sugam' :
  - (a) Providing free generic drugs to persons under BPL category.
  - (b) Setting up Jan Aushadhi Kendras in rural and remote areas of the country.
  - (c) Mobile application to search Janaushadhi generic medicines and stores
  - (d) None of the above
4. Consider the following statements about Transports Internationaux Routiers (TIR) Convention :
  1. It is under the auspices of World Trade Organisation (WTO).
  2. The TIR system only covers customs transit by road.
  3. India has ratified the convention.
 Which of the above statements is/are correct?  
 (a) 1, 2                      (b) 3 only  
 (c) 1, 3                      (d) 2, 3
5. Consider the following statements regarding Astra Missile :
  1. Astra is an all-weather beyond-visual-range air-to-air missile developed by the Defence Research and Development Organisation.
  2. It is the second air-to-air missile developed by India after Shaurya missile.
  3. It has a strike range of over 70 kms and can fly towards the target at a speed of over 5000 km per hour.
 Which of the above statements is/are correct?  
 (a) 1, 2                      (b) 1, 3  
 (c) 2, 3                      (d) 1, 2, 3
6. Which of the following statements regarding the Graded Response Action Plan (GRAP) stands true ?
  1. The Graded Response Action Plan to curb air pollution in Delhi-NCR will come into force proactively rolling out stricter measures depending on the need to discourage private vehicles on roads, stop entry of trucks, use of diesel generators, and closing brick kilns and stone crushers.
  2. Prepared by the Central Pollution Control Board and first implemented in Delhi-NCR in 2017, the Graded Response Action Plan lists measures to curb air pollution according to the severity of the situation.
  3. However , GRAP measures does not include increasing bus and metro services, hiking parking fees and stopping use of diesel gen-sets when the air quality turns "poor".
 Choose the correct option :

- (a) 1 & 2 only                      (b) 2 & 3 only  
 (c) 1 & 3 only                      (d) All of the above
7. The Wetlab is a platform for young professionals and students to think differently for innovative ideas to solve India's urban water challenges and contribute to cleaning up India's rivers.  
 The intent of Wetlab is focussed on making best ideas becoming an input for the realisation of the Water Experience Center that may further lead to turning the project site into an attractive center for education and technology demonstration for students, young professionals and creating opportunities for startups.  
 It is part of the joint collaboration between India and which of the following countries ?  
 (a) Sierra Leone                      (b) Comoros islands  
 (c) Netherlands                      (d) Israel
8. With respect to the Discovered Small Field (DSF) policy recently mentioned by the petroleum ministry in the recently held India Energy Forum, which of the following statements stands true ?  
 1. The Government had approved the Discovered Small Field policy in 2015 with its main objective to bring Discovered Small Fields to production at the earliest so as to enhance the domestic production.  
 2. These areas have been discovered long back but the reserves could not be put into production due to various reasons such as Isolated locations of oilfield; Small size of hydrocarbon reserve; high development costs and constraint in technology etc.  
 3. The new DSF policy is based on the principle of 'ease of doing businesses'. This policy is an outcome of a long consultation process between the government and the industry.  
 Choose the correct option :  
 (a) 1 & 2 only                      (b) 2 & 3 only  
 (c) 1 & 3 only                      (d) All of the above
9. An AQI (Air Quality Index) between 0 and 50 is considered 'good', 51 and 100 'satisfactory', 101 and 200 'moderate', 201 and 300 'poor', 301 and 400 'very poor', and 401 and 500 'severe'.  
 Which of the following cities in India comes under the 'good' category ?  
 1. Thiruvananthapuram  
 2. Ahmedabad  
 3. Gandhinagar  
 4. Durgapur  
 5. Sirsa  
 Choose the correct option :  
 (a) 1, 2 & 3 only  
 (b) 1, 4 & 5 only  
 (c) 2, 3 & 5 only  
 (d) All of the above
10. India and Netherlands launched the second phase of the LOTUS-HR (Local Treatment of Urban Sewage streams for Healthy Re-use plant) as a part of joint collaboration.  
 Which of the following statements regarding the same stands true ?  
 1. The project was initiated in July 2017 and aims to demonstrate a novel holistic (waste) water management approach that will produce clean water which can be reused for various purposes.  
 2. This pilot scale facility will employ multiple technologies so that the data generated at the pilot scale becomes a tool-box of treatment technologies for replication at other sites in Delhi as well as other parts of India where similar drains exist.  
 3. The innovative pilot scale modular plant upon commissioning will treat 1,00,000 L sewage water per day and will showcase a self-sustaining model for the end user.  
 Choose the correct option :  
 (a) 1 & 2 only                      (b) 2 & 3 only

- (c) 1 & 3 only                      (d) All of the above
11. With respect to power (electricity) generation in India, which of the following statements stands true?
1. India has been aggressively expanding its power generation capacity. Today's installed capacity of 358 GW is about four times of what it was in 1997-98.
  2. In recent years, the major growth drivers have been renewable energy sources such as solar and wind power, and investment from the private sector.
  3. However still the public sector accounts for almost half the installed generation capacity.
- Choose the correct option :
- (a) 1 & 2 only                      (b) 2 & 3 only  
 (c) 1 & 3 only                      (d) All of the above
12. Scientists have developed a new liquid-cell technology that allows them to see living biological materials and systems in three dimensions (3D) for the first time under an electron microscope.
- Which of the following statements regarding the same stands true ?
1. The field of liquid-cell electron microscopy has grown rapidly in recent years, but until now it has been limited to 2D only .
  2. With this technology, scientists could analyse host-pathogen interactions, see a virus being introduced into a cell and watch molecular mechanisms take place in real-time.
  3. However researchers expect that the technique could be adopted only to life sciences and not material sciences altogether.
- Choose the correct option :
- (a) 1 & 2 only                      (b) 2 & 3 only  
 (c) 1 & 3 only                      (d) All of the above
13. Which one of the following states have emerged as the top performing state with provision of free secondary and tertiary care treatment under the Ayushman Bharat Pradhan Mantri Jan Arogya Yojana (PM-JAY), the flagship insurance scheme of the central government ?
- (a) Maharashtra                      (b) Kerala  
 (c) Gujarat                      (d) Himachal Pradesh
14. Consider the following statements :
1. According to the IMF report, India retains its rank as the world's fastest-growing major economy with a projected growth rate of 6.1 per cent for the current fiscal year, despite an almost one per cent cut in the forecast.
  2. The report, however, added that growth will be supported by the lagged effects of monetary policy easing, a reduction in corporate income tax rates and recent measures to address corporate and environmental regulations.
  3. The IMF suggested that India should use monetary policy and broad-based structural reforms to address cyclical weakness and strengthen confidence.
- Which of the above statements stands true ?
- (a) 1 & 2 only  
 (b) 2 & 3 only  
 (c) 1 & 3 only  
 (d) All of the above
15. Poshan Abhiyaan, India's flagship programme to improve nutritional outcomes, covers which of the following categories of the population ?
1. Children
  2. Senior citizens
  3. Pregnant women
  4. Agricultural labourers
  5. Adolescents
- Choose the correct option :

- (a) 1, 2 & 3 only  
(b) 1, 3 & 5 only  
(c) 2, 4 & 5 only  
(d) All of the above
16. From the following statements :
1. Cataract is an age related disease as affects only aged people
  2. Cataracts are most commonly due to aging but may also occur due to trauma or radiation exposure, be present from birth, or occur following eye surgery for other problems.
- Choose the correct option :
- (a) Only 1 (b) Only 2  
(c) Both 1 and 2 (d) None of these
17. Consider the following statements :
1. SARAS Aajeevika Mela is an initiative by Ministry of Skill Development & Entrepreneurship .
  2. Objective is to bring the rural women Self Help Groups (SHGs) under one platform to show-case their skills, sell their products and help them build linkages with bulk buyers .
- Choose the correct option :
- (a) Only 1 (b) Only 2  
(c) Both 1 and 2 (d) None
18. Joint Military Exercise DHARMA GUARDIAN – 2019 is between
- (a) Indian Army-Indian Navy  
(b) Indian Military- IAF  
(c) India-Japan  
(d) India-Myanmar
19. Consider the following statements :
1. The first ever International Cooperatives Trade Fair (IICTF) was organized in Varanasi.
  2. It was organized by the National Cooperative Development Corporation (NCDC), APEDA and NAFED with the support of Agriculture and Commerce ministries.
- Choose the correct option :
- (a) Only 1 (b) Only 2  
(c) Both 1 and 2 (d) None
20. Consider the following statements :
1. The annual Ganges River Dolphin census is being undertaken by World Wide Fund for Nature-India in collaboration with the Uttar Pradesh Forest Department.
  2. It is also called a blind dolphin because it doesn't have a crystalline eye lens and uses echolocation to navigate and hunt.
- Choose the correct option :
- (a) Only 1 (b) Only 2  
(c) Both 1 and 2 (d) None

### **ANSWER KEYS**

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