

1. Which of the following statements describing the differences between bio-similar drugs and generic drugs are true ?
  - 1) A biosimilar drug is a biologic product that is almost an identical copy of an original product that is manufactured by a different company.
  - 2) Biosimilars have the same clinical effect as a generic but are only as similar to the original branded drug as validation technologies can confirm.
  - 3) Unlike with generic drugs of the more common small-molecule type, biologics generally exhibit high molecular complexity and may be quite sensitive to changes in manufacturing processes.

(a) 1 & 2 only                      (b) 2 & 3 only  
 (c) 1 & 3 only                      (d) all of the above
2. Which of the following pairs of bird sanctuaries and their locations are correctly matched ?
  - 1) Dwarka Marine Park : Gujarat
  - 2) Salim Ali bird sanctuary : Tamilnadu
  - 3) Ranganathittu bird sanctuary : Karnataka
  - 4) Sultanpur sanctuary : Madhya Pradesh

(a) 1 & 2 only                      (b) 1 & 3 only  
 (c) 2 & 4 only                      (d) 1 & 4 only
3. Which of the following statements regarding the recently concluded Basel convention on movement of hazardous wastes are true ?
  - 1) One of the key outcome of the convention includes an amendment which involves making global trade in plastic waste more transparent and better regulated, whilst also ensuring that its management is safer for human health and the environment.
  - 2) India's laws currently don't allow electronic and plastic waste to be imported into the country, not even by plastic and waste recyclers in SEZ's.
  - 3) India and Nigeria were the only countries that had strongly opposed the guidelines, pushed by the European Union, to dilute safeguards against the trans-boundary movement of e-waste.

(a) 1 & 2 only                      (b) 2 & 3 only  
 (c) 1 & 3 only                      (d) all of the above
4. Consider the following statements regarding teen pregnancy and nutrition related study conducted by International Food Policy Research Institute :
  - 1) According to the study, children born to adolescent mothers had higher prevalence of low weight as compared to those born to adult mothers.
  - 2) The study said that lower education levels among adolescent mothers had the strongest impact on stunting levels, followed by their socioeconomic status.
  - 3) While adolescent pregnancy is more likely to occur in low poverty contexts, it could help mothers escape from an unending cycle of poverty as women who bear children early are given care by peer groups and are also benefitted from social sector schemes provided by the government.

Which of the above statements are true ?

(a) 1 & 2 only                      (b) 2 & 3 only  
 (c) 1 & 3 only                      (d) all of the above
5. The Communications Compatibility and Security Agreement (COMCASA), which India signed last year would enable exchange of information on preventing threats from all forms of terrorism both

from land and sea. COMCASA allows India to procure specialised equipment for encrypted communications from the origin military platforms.

With which country has India signed the COMCASA agreement ?

- (a) China (b) Saudi Arabia  
(c) United States (d) Israel

6. "Boko Haram", the Islamic terrorist organisation frequently in news is concentrated in which of the following countries of Africa/West Asia ?

- (a) Somalia (b) Saudi Arabia  
(c) Nigeria (d) Egypt

7. Consider the following statements about Protection of Children from Sexual Offences (POCSO) Act, 2012.

1. The Act defines a child as any person below sixteen years of age.
2. The act protects children from sexual harassment and pornography.
3. The act provides for speedy trial of offences through special courts.

Which of the above statements is/are correct?

- (a) 1, 2 (b) 1, 3  
(c) 2, 3 (d) 1, 2, 3

8. Which of the following statements is correct with respect to Peace Mission 2018.

- (a) United Nations Mission to promote peace in West Asia.  
(b) Counter terrorism initiative of United States.  
(c) Space mission of Russian Federal Space Agency to control space wars.  
(d) Counter terrorism operations in urban scenario under the framework of Shanghai Cooperation Organization (SCO).

9. Consider the following statements about Traditional Knowledge Digital Library (TKDL).

1. Ministry of AYUSH established Traditional Knowledge Digital Library (TKDL) in collaboration with Council for Scientific & Industrial Research (CSIR).
2. TKDL consisting of more than 2.90 lakh medicinal formulations of Ayurveda, Unani and Siddha are available in English and other regional languages.
3. Objective of the library is to protect the ancient and traditional knowledge of the country from exploitation through biopiracy and unethical patents.

Which of the above statements is/are correct?

- (a) 1, 2 (b) 1, 3  
(c) 2, 3 (d) 1, 2, 3

10. Consider the following statements about Unnat Bharat Abhiyan.

1. It aims to enable higher educational institutions to work with the people of rural India in identifying development challenges and evolving appropriate solutions for accelerating sustainable growth.
2. Funded by the World Bank and the Indian Government on a 50:50 basis.
3. Indian Institute of Technology Kharagpur is the National Coordinating Institute to implement the Unnat Bharat Abhiyan.

Which of the above statements is/are correct?

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

11. World Investment Report, sometimes seen in news is released by?

- (a) World Bank  
 (b) World Trade Organisation (WTO)  
 (c) World Economic Forum (WEO)  
 (d) UN Conference on Trade and Development (UNCTAD)
12. Consider the following statements regarding the WTO ministerial conference to be held in New Delhi ?
- 1) The two-day meeting is an effective move by developing countries to positively influence the outcome of WTO reforms by making development at its core and exploring all means of saving multilateralism.
  - 2) India believes that developing countries need to work together to protect their interests in the WTO negotiations through preservation of the core fundamental principles of the WTO.
  - 3) There has been no active engagement or movement on key issues of concerns for developing countries including LDCs in the negotiating agenda till now .
- Which of the above statements are true ?
- (a) 1 & 2 only                      (b) 2 & 3 only  
 (c) 1 & 3 only                      (d) all of the above
13. Which of the following are the exclusive powers enjoyed by Gram Sabha/Panchayats at appropriate levels under the PESA (Panchayats (Extension to the Scheduled Areas) act 1996?
- 1) Right to mandatory consultation in land acquisition, resettlement and rehabilitation of displaced persons .
  - 2) Panchayat at an appropriate level is entrusted with planning and management of minor water bodies.
  - 3) Mandatory recommendations by Gram Sabha or Panchayat for prospective licenses/lease, concessions for mines and minerals.
  - 4) Control over institutions and functionaries in social sector, local plans including Tribal sub plans and resources.
- (a) 1, 2 & 3 only                      (b) 2, 3 & 4 only  
 (c) 1 & 3 only                      (d) 2 & 4 only
14. Which of the following statements regarding the recently test fired ABHYAS - High-speed Expendable Aerial Target (HEAT) are true ?
- 1) The configuration of ABHYAS is designed on an in-line small gas turbine engine and uses indigenously developed MEMS based navigation system for its navigation and guidance.
  - 2) The HEAT system is utilized to do away with the post-launch recovery mode, which is time-consuming and difficult in a scenario as the sea.
  - 3) The test was conducted indigenously by ISRO from Interim Test Range, Chandipur in Odisha.
- (a) 1 & 2 only                      (b) 2 & 3 only  
 (c) 1 & 3 only                      (d) all of the above
15. Which of the following statements describing the current status of inflation indices in the economy are true ?
- 1) Wholesale inflation quickened to a six-month high of 2.92% in April, driven in large part by accelerating food and fuel inflation.
  - 2) CPI headline inflation came slightly below expectations, with core inflation seeing a welcome downside surprise, which is in tandem with the growing slack in the economy.

- 3) Food inflation continued to rise with sustained upward momentum in fruits and vegetables which might continue in the summer months.
- (a) 1 & 2 only                      (b) 2 & 3 only  
 (c) 1 & 3 only                      (d) all the above
16. India has extended 1 billion dollar Line of Credit to a country to set up its first-ever grass-root refinery at Sainshand in Dornogobi Province. The capacity of the refinery will be 1.5 Million Metric Tons Per Annum and it will be implemented with Exim Bank funding.
- The above said province is in which of the following countries of Asia ?
- (a) Iran                                      (b) Kazakhstan  
 (c) Mongolia                              (d) Maldives
17. Consider the following statements about Organization of the Petroleum Exporting Countries (OPEC).
1. OPEC is a group of all the oil-producing nations.
  2. The mission of OPEC is to unify the petroleum policies of its Member Countries and ensure regular supply of petroleum to consumers.
  3. Iran, Iraq, United Arab Emirates and Qatar are the members of OPEC.
- Which of the above statements is/are correct?
- (a) 1, 2                                      (b) 2 only  
 (c) 2, 3                                      (d) 1, 2, 3
18. Consider the following statements about The Energy and Resources Institute (TERI).
1. It is an autonomous body under the Ministry of Power.
  2. The World Sustainable Development Summit is the annual flagship event of The Energy and Resources Institute (TERI).
- Which of the above statements is/are correct?
- (a) 1 only                                      (b) 2 only  
 (c) Both                                      (d) None
19. Consider the following statements about Resilient Cities Asia-Pacific (RCAP) Congress.
1. It offers cities & regions from Asia-Pacific a variety of innovative solutions that build resilience to climate change at the subnational level.
  2. It is convened by ICLEI – Local Governments for Sustainability and co-hosted by the World Mayors Council on Climate Change and the City of Bonn.
  3. 4th Resilient Cities Asia-Pacific 2019 Congress was held in India.
- Which of the above statements is/are correct?
- (a) 1, 2                                      (b) 1, 3  
 (c) 2, 3                                      (d) 1, 2, 3
20. Consider the following statements about International Crops Research Institute for the Semi-Arid Tropics (ICRISAT)
1. It is an international non-profit organization that undertakes scientific research for development.
  2. It is headquartered in Nairobi, Kenya.
  3. Its approach is through partnerships and with an Inclusive Market Oriented Development.
- Which of the above statements is/are correct?
- (a) 1, 2                                      (b) 2, 3  
 (c) 1, 3                                      (d) 1, 2, 3

## **ANSWER KEYS**

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

VANIK-IAS