

Weekly Quiz (3rd May– 9th May 2021)

Q.1) Which of the following is/are correct properties of the new strain of virus classified as 'Variants of Concern (VoC)'?

1. Increase in transmissibility
2. Definitely less effective against antibodies generated due to infection or vaccination
3. An increased ability to cause severe/life-threatening disease

Select the correct answer using the code given below

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

Q.2) Consider the following statements with respect to **Gravity Recovery And Climate Experiment (GRACE) mission**

1. Mission included twin spacecrafts that flew around the Earth.
2. It was a joint mission between NASA & Roscosmos.
3. It provided key insights into where dry soils are contributing to drought around the world.

Select the correct answer using the code given below

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

Q.3) Consider the following statements regarding **Pyrolysis**

1. It is a process of chemically decomposing materials at high temperatures
2. In this process the oxygen is used to attain high temperatures

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

Q.4) Consider the following statements regarding **Large Area Certification Scheme for organic certification**

1. It is a part of Paramparagat Krishi Vikas Yojana (PKVY)
2. The areas having chemical input usage history have to undergo a transition period to qualify as an organic land under this scheme.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.5) Consider the following statements regarding **National Social Assistance Programme (NSAP)**

1. NSAP is a centrally sector scheme under the Ministry of Rural Development.
2. It aims to provide financial assistance only to elderly, widows and persons with disabilities in the form of social pensions.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.6) Consider the following statements regarding **Zoonotic diseases**

1. These are infectious diseases that are transmitted from animal to humans or vice-versa.
2. Some diseases begin as zoonoses but can later mutate to human-only strains
3. West Nile virus is an example of a zoonotic disease.

Which of the statements given above is/are correct?

- a. 1 and 2 only
- b. 2 and 3 only
- c. 1 and 3 only
- d. All of the above

Q.7) Consider the following statements regarding to **5g Technology**.

1. 5G provide better energy efficiency of devices and stable of network connections compare to 4G
2. 5G has higher latency when compared to 4G

Which of the statements given above is/are correct?

- a. 1 only
- b. 2 only
- c. Both 1 and 2
- d. Neither 1 nor 2

Q.8) Consider the following statements regarding **National Programme for Organic Production (NPOP)**

1. It grants organic farming certification through a process of third-party certification
2. Implemented by Ministry of Agriculture & Farmers Welfare
3. Organic products covered under the bilateral agreement with NPOP need not to be recertified for import in India.

Which of the statements given above is/are correct?

- a. 1 and 2 only
- b. 2 and 3 only
- c. 1 and 3 only
- d. All of the above

Q.9) Consider the following statement on **Crew Mission**

1. It is a collaboration of NASA and European Space Agency
2. The mission aims to perform the manned mission to Mars in a decade.

Which of the statements given above is/are correct?

- a. 1 only
- b. 2 only
- c. Both 1 and 2
- d. Neither 1 nor 2

Q.10) Consider the following statements on the **Mass nesting of Olive Ridley turtles** on the Odisha coast.

1. The Rushikulya river mouth is considered as the world's largest nesting beach for Olive Ridley Turtles
2. The Olive Ridley turtles in the past skipped the mass nesting on Rushikulya river mouth

Which of the statements given above is/are correct?

- a. 1 only
- b. 2 only
- c. Both 1 and 2
- d. Neither 1 nor 2

Q.11) **Patent** is a powerful Intellectual Property Right. In this respect, consider the following statements:

- 1. A process patent allows for manufacturing of a patented product by modification of the process.
- 2. India's Intellectual Property regime has moved from process patenting to product patenting in pharma sector

Which of the statements given above is/are correct?

- a. 1 only
- b. 2 only
- c. Both 1 and 2
- d. Neither 1 nor 2

Q.12) **World Food Price Index** is released by which of the following institution?

- a. Food and Agriculture Organization
- b. Hunger watch
- c. Agriculture and Biodiversity Community
- d. Sustainable Harvest International

Q.13) India is prone to earthquakes. In this respect, consider the statements below:

- 1. Epicentre is the point where energy is released during an earthquake.
- 2. National Centre for Seismology (NCS), under ISRO, is the nodal agency for monitoring earthquake activity in India.

Which of the statements given above is/are correct?

- a. 1 only
- b. 2 only
- c. Both 1 and 2
- d. Neither 1 nor 2

Q.14) Indian Navy has recently Launched Operation **Samudra Setu-II**, with which one of the following aims

- a. To protect Indian waters from encroachment of any foreign ship
- b. To cooperate with US navy to contain Chinese maritime activities
- c. To protect Indian coastlines in Bay of Bengal from encroachment of Rohingyas
- d. To bring oxygen-filled cryogenic containers to India from abroad

Q.15) Burning of which of the following sources will produce **Nitrogen Dioxide (NO₂)**

1. wood
2. coal
3. natural gas

Select the correct answer using the code given below

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

Q.16) Consider the following statements with respect to **ID-Art App**

1. The app incorporates Braille into visual art and thus making modern art more accessible for blind and low-vision communities around the world.
2. It was launched by the Ministry of Culture in cooperation with Ministry of Social Justice and Empowerment.

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

Q.17) Equator passes through which of the following countries:

1. Peru
2. Ecuador
3. Colombia

Select the correct answer using the code given below

- e) 1 and 2 only
- f) 2 and 3 only

- g) 1 and 2 only
- h) All of the above

Q.18) With respect to the 102nd Amendment Act, 2018, consider the following statements:

1. It inserted a new article 338B in the constitution which provides for National Commission for Backward Classes (NCBC).
2. It inserted a new article 342-A which empowers the President to notify the list of socially and educationally backward classes of that state / union territory.

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

Q.19) Consider the following statements with respect to **Foam Path**

1. It is an aviation safety practice of spreading a layer of fire suppression foam on an airport runway prior to an emergency landing.
2. Directorate General of Civil Aviation highly recommends foaming the runway in its Airport service manual.

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

Q.20) Consider the following statements with respect to **Appointment of Chief Minister**

1. The Constitution does not require that a person must prove his majority in the legislative assembly before he is appointed as the Chief Minister.
2. The term of the Chief Minister is not fixed and he holds office during the pleasure of the governor.

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