

Weekly Quiz (28th Aug- 3rd Sept)

Q1. Consider the following about State of Food Security and Nutrition in the World 2023

1. SOFI is published by the Food and Agriculture Organization independently.
2. The cost of a healthy diet has increased in recent years in India, it is still the lowest among the BRICS nations (including the newly added six countries) and India's neighbours.

Which of the above statements is/are correct?

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

Q2. Consider the following about Superconductors

1. Many metals become superconducting – i.e. allow current to flow with zero resistance – if cooled to below -250°C .
2. LK-99 is recently discovered superconductor.
3. Superconductors are materials with positive or greater than zero resistance.

How many of the above statements is/are incorrect?

- a) Only 1
- b) Only 2
- c) Only 3
- d) None of the above

Q3. With respect to Chanrayaan 3, which device is used for characterising plasma?

1. RAMBHA-LP
2. LIBS
3. ChaSTE

Codes:

- a) Only 1 & 3
- b) Only 2 & 3
- c) Only 1
- d) Only 3

Q4. Which of the following best describes qXR?

- a) Technology to detect the patterns of Earth's magnetic field.
- b) AI algorithm to detect deep fakes.
- c) Technology to deviation in the axis of Earth.
- d) An AI algorithm, developed by Mumbai-based Qure.ai, can help detect people with presumptive TB early and in less than a minute

Q5. Consider the following about rice exports

1. Indian government has prohibited the export of white rice, levied a 20% export duty on par-boiled rice till October 15, and permitted the export of Basmati rice for contracts with value of \$1,200 a tonne or above.
2. India is the largest rice exporter globally with a 45% share in the world rice market.
3. The government has increased the Minimum Support Price (MSP) for rice, and the paddy procured now by rice millers are at a price higher than the MSP. The prices will not decline for farmers.

How many of the above are correct statements?

- a) Only 1
- b) Only 2
- c) Only 3
- d) None of the above

Q6. Which of the following is neighbouring country of Kenya

1. Ethiopia
2. Somalia
3. Dem. Rep. of Congo
4. South Sudan
5. Tanzania
6. Uganda

How many of the above are correct?

- a) Only 3
- b) Only 2
- c) Only 6
- d) Only 5

Q7. What is the IUCN status of Eastern Hoolock Gibbon?

- a) Vulnerable
- b) Near Threatened
- c) Endangered
- d) Least Concerned

Q8. Consider the following about statements

1. A warming of the Central Equatorial Pacific, called an El Nino, often corresponds to excessive rainfall over India whereas cooler-than-normal temperatures, or a La Nina, is linked to reduced rainfall.
2. The PDO is an annual occurrence and, on an average, corresponds to a warmer than average Western Pacific Ocean and relatively cooler Eastern Pacific, though this plays out over much longer time scales.

Which of the above is/are incorrect?

- a) Only 1
- b) Only 2
- c) Both 1 and 2

d) None of the above

Q9. Hollongapar Gibbon Sanctuary is located in

- a) Arunachal Pradesh
- b) Manipur
- c) Meghalaya
- d) Assam

Q10. Consider the following statements in context of Loanable Funds Theory

- 1. This theory argues that the interest rates on loans are determined by the supply of and demand for loans in the market for loanable funds.
- 2. As per the theory, the market interest rate is seen as the price of loans and it is thought to be determined just the way the price of any other good or service is determined in the market.
- 3. A rise in the demand for funds from borrowers is supposed to cause a rise in interest rates while a drop in their demand for funds is expected to cause a fall in interest rates. .

How many of the above is/are correct?

- a) Only 1
- b) Only 2
- c) Only 3
- d) None of the above

Q11. Consider the following about Gibbons

- 1. Gibbons, are the largest and fastest of all apes.
- 2. They live in tropical and subtropical forests in the south-western part of Asia.
- 3. The eastern hoolock gibbon are found in a specific region of Arunachal Pradesh.
- 4. The western hoolock gibbon has its range is limited to the area between the south of the Brahmaputra river and the east of the Dibang river.

How many of the above statements are incorrect?

- a) Only 1
- b) Only 2
- c) Only 3
- d) All 4

Q12. Recently, ISRO released a graph of the temperature variation on lunar surface with increase in depth.

Consider the following statements about the same.

- 1. It was found that at a depth of 8 cm, the temperature was as low as (-) 10 degrees centigrade.
- 2. With gradual rise towards the surface, the temperature was seen to be decreasing.

Choose the correct statement/s

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

Q13. Which of the following's presence has been confirmed by Prayyan?

- a) Hydrogen
- b) Nitrogen
- c) Helium
- d) Sulphur

Q14. Identify the country X from the following information

1. India and X signed a memorandum of understanding (MoU) for capacity building and collaboration in ship design and construction.
2. As a token of friendship, India presented 15 pairs of parachutes (main and reserve) manufactured by Gliders India Ltd. to the X for Defence use.
3. India also extended support towards setting up of an advanced CT scan facility in X.

Codes:

- a) Australia
- b) Russia
- c) Kenya
- d) Singapore

Q15. Consider the following about the TB

1. TB is spread from person to person through the air. When people with lung TB cough, sneeze or spit, they propel the TB germs into the air.
2. Extensively Drug Resistant Tuberculosis (XDR-TB) is a strain of TB that cannot be treated with the two most powerful first-line treatment anti-TB drugs.
3. Multi Drug Resistant Tuberculosis (MDR-TB) is a form of TB caused by bacteria that are resistant to several of the most effective anti-TB drugs.

How many of the above statements is/are correct?

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