

Que-1 With reference to Reuters Institute Digital News Report 2022, released recently, consider the following statements

1- Trust in news is falling in nearly half the countries surveyed, with significant proportions of the public, especially younger age groups, beginning to turn away from news.

2- The proportion of news consumers who say that they “avoid news” has risen sharply across countries.

3- The television has become the dominant way in which most people first access news in the morning.

Which of the following given above is/are correct

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

Que-2 Consider the following statements

1- Recently, Russia has overtaken Saudi Arabia to become India's second-biggest supplier of oil.

2- India, the world's second-biggest oil-importing and consuming nation.

3- India import over 85 percent of oil.

Which of the following given above is/are correct

- a) 1 only b) 1 and 3 only

- c) 1, 2 and 3 d) 2 and 3 only

Que-3 What is surrogate advertising?

1- Surrogate advertising is the strategy of advertising a product that cannot be advertised openly.

2- Advertisers create ads that help in building a brand, and often involve popular celebrities – all without naming the actual product that is being indirectly advertised.

Which of the following given above is/are correct

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

Que-4 With reference to National Initiative for Promotion of Upskilling of Nirman workers (NIPUN), consider the following statements

1- The project NIPUN is an initiative of the Ministry of Rural Development.

2- Under flagship scheme of the Deendayal Antyodaya Yojana-National Urban Livelihoods Mission (DAY-NULM).

3- To train over 1 lakh construction workers, through fresh skilling and upskilling programmes and provides them with work opportunities in foreign countries also.

Which of the following given above is/are correct

- a) 2 only b) 1 and 3 only

- c) 1, 2 and 3 d) 2 and 3 only

Que-5 What is critical information infrastructure (CII)?

1- The Information Technology Act of 2000 defines "Critical Information Infrastructure" as a "computer resource, the incapacitation or destruction of which shall have debilitating impact on national security, economy, public health or safety".

2- The government, under the Act, has the power to declare any data, database, IT network or communications infrastructure as CII to protect that digital asset.

3- Any person who secures access or attempts to secure access to a protected system in violation of the law can be punished with a jail term of up to 4 years.

Which of the following given above is/are correct

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

Que-6 Consider the following statements about Typhoid fever

1- This is a disease caused by Salmonella serotype Typhi bacteria.

2- Typhoid is spread by eating or drinking food or water contaminated with the feces of an infected person.

3- North Africa accounts for 70% of the global disease burden.

Which of the following given above is/are correct

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

Que-7 Consider the following statements about greenhouse gases emission annually during food transportation from production to consumption sites

1- The world emits roughly 3 gigatonnes of greenhouse gases annually during food transportation from production to consumption sites.

2- The top emitters are China, the United States, India and Russia.

3- Low-income countries cause only 20 per cent of emissions despite supporting about half of the global population.

Which of the following given above is/are correct

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

Que-8 With reference to parasite Demodex folliculorum, consider the following statements

- 1- A tiny parasitic mite found on eyelashes, eyebrows or near the nose.
- 2- As much as 50-100 per cent adults are estimated to be carrying these mites.
- 3- These parasites have adapted to living a sheltered life inside skin pores.

Which of the following given above is/are correct

- | | |
|-----------------|-----------------|
| a) 1 and 2 only | b) 1 and 3 only |
| c) 1, 2 and 3 | d) 2 and 3 only |

ANSWER

1- (a)

- It covers 46 markets in six continents. Since it is based on online questionnaires, the findings are not necessarily nationally representative, especially for countries with lower internet penetration. For India, the data is more representative of younger English speakers and not the national population as such.
- It flags six major trends which could have wider socio-political implications.
- Firstly, people are trusting news content less and less.

- Second, consumption of traditional news media declined in nearly all the countries surveyed.
 - Third, the proportion of news consumers who say that they “avoid news” has risen sharply across countries, with the report describing the phenomenon as “selective avoidance”.
 - Fourth, despite small increases in the proportion of people willing to pay for online news (mostly in richer countries), the growth in digital subscriptions for news content seems to be leveling off.
 - Next, “the smartphone has become the dominant way in which most people first access news in the morning”.
 - Finally, the report notes that while Facebook remained the most-used social network for news, it is TikTok that has become the fastest-growing network, “reaching 40% of 18-24-year-olds, with 15% using the platform for news”. TikTok, however, is currently banned in India.
- 2- (b)
- Russia has overtaken Saudi Arabia to become India's second-biggest supplier of oil behind Iraq as refiners snap up Russian crude available at a

deep discount following the war in Ukraine.

- After the US and China, India is the world's third-largest consumer of oil, over 85 per cent of which is imported.

3- (c)

- In India, tobacco products and alcohol cannot be advertised openly under laws like the Cigarette and Other Tobacco Products Act, 2003, which bans all kinds of direct and indirect advertisements of tobacco products.
- To circumvent them, surrogate advertising is done.

4- (d)

- The project NIPUN is an initiative of the Ministry of Housing & Urban Affairs (MoHUA).

5- (a)

- Any person who secures access or attempts to secure access to a protected system in violation of the law can be punished with a jail term of up to 10 years.
- Created in January 2014, the National Critical Information Infrastructure Protection Centre (NCIIPC) is the nodal agency for taking all measures to protect the nation's critical information infrastructure.

- It is mandated to guard CIIs from “unauthorized access, modification, use, disclosure, disruption, incapacitation or distraction”.

- According to its website, NCIIPC will monitor and forecast national-level threats to CII for policy guidance, expertise sharing and situational awareness for early warning or alerts. The basic responsibility for protecting the CII system shall lie with the agency running that CII.

6- (a)

- Typhoid is caused by the bacterium *Salmonella enterica* subsp. *enterica* serovar *Typhi* growing in the intestines, peyers patches, mesenteric lymph nodes, spleen, liver, gallbladder, bone marrow and blood.
- Typhoid fever causes 11 million infections and more than 100,000 deaths per year. South Asia accounts for 70% of the global disease burden.

7- (c)

- The world emits roughly 3 gigatonnes of greenhouse gases annually during food transportation from production to consumption sites. This represents 19 per cent of the total food-related emissions, covering food production, land-use change and transportation.

- The top emitters are China, the United States, India and Russia. Together, they are responsible for 64 per cent of global emissions from domestic food transport.
- According to the analysis, the US, China, Japan, Germany, the United Kingdom, India, Russia and Brazil collectively account for 42 per cent of food transport emissions.
- High-income countries are the major contributors. Countries such as the United States, Germany, France and Japan constitute 12.5 per cent of the world's population yet generate 46 per cent of food transport emissions.
- Contributions from India, Brazil, Australia and Argentina are tied to exports.

- Demodex is becoming less and less contagious.
 - Demodex has a beneficial function in humans: Keeping the pores clear.
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8- (c)

- They survive with the minimum supply of proteins — the lowest among related species.
- These mites infect new hosts vertically, moving from parent to offspring. This transmission route prevents them from mixing with fellow mites residing on unrelated human hosts. Without them, they lose a chance at acquiring a newer variety of genes.