

# How to Read Newspaper Effectively??

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**32.** With reference to Web 3·0, consider the following statements :

1. Web 3·0 technology enables people to control their own data.
2. In Web 3·0 world, there can be blockchain based social networks.
3. Web 3·0 is operated by users collectively rather than a corporation.

Which of the statements given above are correct ?



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


# Web3: A vision for the future

What is the model based on? How is it different from the prevailing system of operation?

January 17, 2022 10:26 am | Updated 10:26 am IST

S. VARAHASIMHAN

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**35.** Which one of the following is the context in which the term “qubit” is mentioned ?

- (a) Cloud Services
- (b) Quantum Computing
- (c) Visible Light Communication Technologies
- (d) Wireless Communication Technologies



# Explained | The challenges of quantum computing


TH PREMIUM

What do quantum computers do that classic computers cannot? What are the elements that need to be in place before practical quantum computers become a reality? How long will it take to gain quantum supremacy?

December 18, 2022 01:38 am | Updated December 22, 2022 11:41 am IST

VASUDEVAN MUKUNTH

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**38.** Consider the following statements in respect of probiotics :

1. Probiotics are made of both bacteria and yeast.
2. The organisms in probiotics are found in foods we ingest but they do not naturally occur in our gut.
3. Probiotics help in the digestion of milk sugars.

Which of the statements given above is/are correct ?

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

**49.** “Biorock technology” is talked about in which one of the following situations ?

- (a) Restoration of damaged coral reefs
- (b) Development of building materials using plant residues
- (c) Identification of areas for exploration/extraction of shale gas
- (d) Providing salt licks for wild animals in forests/protected areas



50. The “Miyawaki method” is well known for the :

- (a) Promotion of commercial farming in arid and semi-arid areas
- (b) Development of gardens using genetically modified flora
- (c) Creation of mini forests in urban areas
- (d) Harvesting wind energy on coastal areas and on sea surfaces



**1. “Rapid Financing Instrument” and “Rapid Credit Facility” are related to the provisions of lending by which one of the following ?**

- (a) Asian Development Bank**
- (b) International Monetary Fund**
- (c) United Nations Environment Programme Finance Initiative**
- (d) World Bank**

# Technical level discussions with Sri Lanka will continue: IMF

The Island nation has been grappling with an unprecedented economic turmoil since its independence from Britain in 1948.

In the month of April, the two sides convened their first round of talks at the IMF headquarters in Washington.

Sri Lanka is hoping for a Rapid Finance Instrument (RFI) facility as well as a larger Extended Fund Facility (EFF) from the international financial body to help it deal with its foreign currency shortages, which have triggered an economic crisis.

In the last meeting, the IMF assured to help the country with an amount of USD 300 million to USD 600 million.

According to the IMF, the island nation will receive the said amount from the World Bank over the course of the next four months.

India has committed more than USD 3 billion to debt-ridden Sri Lanka in loans, credit lines and credit swaps since January this year.

4. With reference to the "G20 Common Framework", consider the following statements :

1. It is an initiative endorsed by the G20 together with the Paris Club.
2. It is an initiative to support Low Income Countries with unsustainable debt.

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

# Chad becomes first country to ask for debt overhaul under G20 common framework

First test of new debt treatment approach; creditors to begin talks soon – IMF

Chad has officially requested a debt restructuring, the first country to do so under a new common framework hammered out last year by China and other Group of 20 countries with the help of the Paris Club, the International Monetary Fund (IMF) said on January 27.

An IMF official said official creditors would soon begin discussions on what will be the first test of the new framework and whether China, the world's biggest official creditor, and private sector creditors would participate as agreed.

The IMF announced Chad's move in a statement about a new four-year programme worth about \$560 million under its Extended Credit and Extended Fund facilities. The deal was agreed by staff, but must still be approved by the IMF's executive board.

**66.** Consider the following :

1. Asian Infrastructure Investment Bank
2. Missile Technology Control Regime
3. Shanghai Cooperation Organisation

India is a member of which of the above ?

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



**69.** With reference to Non-Fungible Tokens (NFTs), consider the following statements :

1. They enable the digital representation of physical assets.
2. They are unique cryptographic tokens that exist on a blockchain.
3. They can be traded or exchanged at equivalency and therefore can be used as a medium of commercial transactions.

Which of the statements given above are correct ?

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





# Explainer | NFTs are hot. So what are they?

NFTs are usually bought with the cryptocurrency Ether or in dollars and the blockchain keeps a record of transactions. While anyone can view the NFTs, the buyer has the status of being the official owner - a kind of digital bragging rights.

March 02, 2021 10:14 pm | Updated March 18, 2021 02:12 pm IST - LONDON

REUTERS

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**16.** With reference to anti-defection law in India, consider the following statements :

1. The law specifies that a nominated legislator cannot join any political party within six months of being appointed to the House.
2. The law does not provide any time-frame within which the presiding officer has to decide a defection case.

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

**19.** With reference to Ayushman Bharat Digital Mission, consider the following statements :

1. Private and public hospitals must adopt it.
2. As it aims to achieve universal health coverage, every citizen of India should be part of it ultimately.
3. It has seamless portability across the country.

Which of the statements given above is/are correct ?

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

**26.** The term “Levant” often heard in the news roughly corresponds to which of the following regions ?

- (a) Region along the eastern Mediterranean shores
- (b) Region along North African shores stretching from Egypt to Morocco
- (c) Region along Persian Gulf and Horn of Africa
- (d) The entire coastal areas of Mediterranean Sea

**27.** Consider the following countries :

1. Azerbaijan
2. Kyrgyzstan
3. Tajikistan
4. Turkmenistan
5. Uzbekistan

Which of the above have borders with Afghanistan ?

- (a) 1, 2 and 5 only
- (b) 1, 2, 3 and 4 only
- (c) 3, 4 and 5 only
- (d) 1, 2, 3, 4 and 5



**87.** Consider the following pairs :

<i>Country</i>	<i>Important reason for being in the news recently</i>
1. Chad	— Setting up of permanent military base by China
2. Guinea	— Suspension of Constitution and Government by military
3. Lebanon	— Severe and prolonged economic depression
4. Tunisia	— Suspension of Parliament by President

How many pairs given above are correctly matched ?

- (a) Only one pair
- (b) Only two pairs
- (c) Only three pairs
- (d) All four pairs



88. Consider the following pairs :

<i>Region often mentioned in the news</i>		<i>Country</i>
1. Anatolia	—	Turkey
2. Amhara	—	Ethiopia
3. Cabo Delgado	—	Spain
4. Catalonia	—	Italy

How many pairs given above are correctly matched ?

- (a) Only one pair
- (b) Only two pairs
- (c) Only three pairs
- (d) All four pairs

95. The world's second tallest statue in sitting pose of Ramanuja was inaugurated by the Prime Minister of India at Hyderabad recently. Which one of the following statements correctly represents the teachings of Ramanuja ?

- (a) The best means of salvation was devotion.
- (b) Vedas are eternal, self-existent and wholly authoritative.
- (c) Logical arguments were essential means for the highest bliss.
- (d) Salvation was to be obtained through meditation.

**96.** The Prime Minister recently inaugurated the new Circuit House near Somnath Temple at Veraval. Which of the following statements are correct regarding Somnath Temple ?

1. Somnath Temple is one of the Jyotirlinga shrines.
2. A description of Somnath Temple was given by Al-Biruni.
3. Pran Pratishtha of Somnath Temple (installation of the present day temple) was done by President S. Radhakrishnan.

Select the correct answer using the code given below :

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

### **General Studies-I: Indian Heritage and Culture, History and Geography of the World and Society.**

- Indian culture will cover the salient aspects of Art Forms, literature and Architecture from ancient to modern times.
- Modern Indian history from about the middle of the eighteenth century until the present- significant events, personalities, issues.
- The Freedom Struggle — its various stages and important contributors/contributions from different parts of the country.
- Post-independence consolidation and reorganization within the country.
- History of the world will include events from 18th century such as industrial revolution, world wars, redrawal of national boundaries, colonization, decolonization, political philosophies like communism, capitalism, socialism etc.— their forms and effect on the society.
- Salient features of Indian Society, Diversity of India.
- Role of women and women's organization, population and associated issues, poverty and developmental issues, urbanization, their problems and their remedies.
- Effects of globalization on Indian society.
- Social empowerment, communalism, regionalism & secularism.
- Salient features of world's physical geography.



8. पारिवारिक सम्बन्धों पर 'वर्क फ्रॉम होम' के असर की छानबीन तथा मूल्यांकन करें।  
(150 शब्दों में उत्तर दें)

Explore and evaluate the impact of 'Work From Home' on family relationships.  
(Answer in 150 words) 10

9. उपभोक्ता संस्कृति के विशेष परिप्रेक्ष्य में नव मध्यवर्ग के उभार से टीयर 2 शहरों का विकास किस तरह सम्बन्धित है ? (150 शब्दों में उत्तर दें)

How is the growth of Tier 2 cities related to the rise of a new middle class with an emphasis on the culture of consumption ? (Answer in 150 words) 10

19. क्या सहिष्णुता, सम्मिलन एवं बहुलता मुख्य तत्त्व हैं जो धर्मनिरपेक्षता के भारतीय रूप का निर्माण करते हैं ? तर्कसंगत उत्तर दें। (250 शब्दों में उत्तर दें)

Are tolerance, assimilation and pluralism the key elements in the making of an Indian form of secularism ? Justify your answer. (Answer in 250 words) 15

20. अपर्याप्त संसाधनों की दुनिया में भूमंडलीकरण एवं नए तकनीक के रिश्ते को भारत के विशेष सन्दर्भ में स्पष्ट करें। (250 शब्दों में उत्तर दें)

Elucidate the relationship between globalization and new technology in a world of scarce resources, with special reference to India. (Answer in 250 words) 15

## **General Studies- II: Governance, Constitution, Polity, Social Justice and International relations.**

- Indian Constitution—historical underpinnings, evolution, features, amendments, significant provisions and basic structure.
- Functions and responsibilities of the Union and the States, issues and challenges pertaining to the federal structure, devolution of powers and finances up to local levels and challenges therein.
- Separation of powers between various organs dispute redressal mechanisms and institutions.
- Comparison of the Indian constitutional scheme with that of other countries.
- Parliament and State legislatures—structure, functioning, conduct of business, powers & privileges and issues arising out of these.
- Structure, organization and functioning of the Executive and the Judiciary—Ministries and Departments of the Government; pressure groups and formal/informal associations and their role in the Polity.



**Q2.** “भारत के सम्पूर्ण क्षेत्र में निवास करने और विचरण करने का अधिकार स्वतंत्र रूप से सभी भारतीय नागरिकों को उपलब्ध है, किन्तु ये अधिकार असीम नहीं हैं।” टिप्पणी कीजिए।

(150 शब्दों में उत्तर दीजिए)

“Right of movement and residence throughout the territory of India are freely available to the Indian citizens, but these rights are not absolute.” Comment.

(Answer in 150 words) 10

**Q3.** आपकी राय में, भारत में शक्ति के विकेन्द्रीकरण ने जमीनी-स्तर पर शासन-परिदृश्य को किस सीमा तक परिवर्तित किया है ? (150 शब्दों में उत्तर दीजिए)

To what extent, in your opinion, has the decentralisation of power in India changed the governance landscape at the grassroots ? (Answer in 150 words) 10

**Q4.** राज्य सभा के सभापति के रूप में भारत के उप-राष्ट्रपति की भूमिका की विवेचना कीजिए।

(150 शब्दों में उत्तर दीजिए)

Discuss the role of the Vice-President of India as the Chairman of the Rajya Sabha. (Answer in 150 words) 10

- India and its neighborhood- relations.
- Bilateral, regional and global groupings and agreements involving India and/or affecting India's interests.
- Effect of policies and politics of developed and developing countries on India's interests, Indian diaspora.
- Important International institutions, agencies and fora- their structure, mandate.

**Q9.** 'भारत श्रीलंका का बरसों पुराना मित्र है।' पूर्ववर्ती कथन के आलोक में श्रीलंका के वर्तमान संकट में भारत की भूमिका की विवेचना कीजिए। (150 शब्दों में उत्तर दीजिए)

'India is an age-old friend of Sri Lanka.' Discuss India's role in the recent crisis in Sri Lanka in the light of the preceding statement. (Answer in 150 words)

10

**Q10.** आपके विचार में क्या बिमस्टेक (BIMSTEC) सार्क (SAARC) की तरह एक समानांतर संगठन है ? इन दोनों के बीच क्या समानताएँ और असमानताएँ हैं ? इस नए संगठन के बनाए जाने से भारतीय विदेश नीति के उद्देश्य कैसे प्राप्त हुए हैं ? (150 शब्दों में उत्तर दीजिए)

Do you think that BIMSTEC is a parallel organisation like the SAARC ? What are the similarities and dissimilarities between the two ? How are Indian foreign policy objectives realized by forming this new organisation ?

**Q19.** I2U2 (भारत, इजरायल, संयुक्त अरब अमीरात और संयुक्त राज्य अमेरिका) समूहन वैश्विक राजनीति में भारत की स्थिति को किस प्रकार रूपांतरित करेगा ? (250 शब्दों में उत्तर दीजिए)

How will I2U2 (India, Israel, UAE and USA) grouping transform India's position in global politics ? (Answer in 250 words)

15

**Q20.** 'स्वच्छ ऊर्जा आज की ज़रूरत है।' भू-राजनीति के सन्दर्भ में, विभिन्न अन्तर्राष्ट्रीय मंचों में जलवायु परिवर्तन की दिशा में भारत की बदलती नीति का संक्षिप्त वर्णन कीजिए।

(250 शब्दों में उत्तर दीजिए)

'Clean energy is the order of the day.' Describe briefly India's changing policy towards climate change in various international fora in the context of geopolitics. (Answer in 250 words)

15



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