

AMOGHAVARSHA IAS ACADEMY

Daily Current Affairs

1. Recently, where was the “2nd Asia-Pacific Ministerial Conference on Civil Aviation” held?

[A] Kathmandu

[B] New Delhi

[C] Beijing

[D] Tokyo

Correct Answer: B [New Delhi]

Notes:

The 2nd Asia Pacific Ministerial Conference on Civil Aviation was held at Bharat Mandapam, New Delhi. It was co-hosted by the International Civil Aviation Organization (ICAO) and the Ministry of Civil Aviation, Government of India. The first conference took place in 2018 in Beijing, China. India had offered to host the second conference in 2020, but it was postponed due to the COVID-19 pandemic. This conference came at a time when India’s aviation industry was transforming. As the world’s third-largest domestic aviation market, India aimed to become a hub for MRO services, cargo, and regional aviation.

2. Recently, a group of researchers discovered a ‘Myristica swamp forest’ in which state?

[A] Maharashtra

[B] Gujarat

[C] Telangana

[D] Madhya Pradesh

Correct Answer: A [Maharashtra]

Notes:

Researchers recently found a Myristica swamp forest in Kumbhalgarh, Maharashtra, protected by the local community. Myristica swamps are freshwater habitats dominated by evergreen trees from the Myristicaceae family. These swamps are called living fossils due to their ancient origin of 140 million years. They have large roots protruding from waterlogged soil, which stays flooded all year. Found mainly in the Western Ghats, they also exist in the Andaman, Nicobar Islands, and Meghalaya. These swamps depend on valley shape, heavy rainfall (3000 mm), and water availability. They retain water like a sponge and store more carbon than regular forests. They support diverse species, such as the Myristica Swamp Treefrog in Kerala sanctuaries.

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3. Which government authority recently introduced a helmet camera system in North Bengal to prevent train accidents?

- [A] Insurance Regulatory and Development Authority of India
- [B] Indian Railways
- [C] Central Electricity Authority of India
- [D] National Human Rights Commission of India

Correct Answer: B [Indian Railways]

Notes:

Indian Railways introduced a helmet camera system in North Bengal to improve safety and prevent train accidents. This live monitoring system allowed railway workers to detect mechanical issues in real-time, ensuring safer operations. Initially launched in the Maldah Division, the system aimed to expand to other regions. The helmet cameras captured detailed images and videos, enabling quick responses to potential hazards. This initiative demonstrated Indian Railways' dedication to enhancing passenger safety through advanced technology.

4. Recently, which bank has introduced the third edition of its flagship 'Asha Scholarship programme'?

- [A] Axis Bank
- [B] ICICI Bank
- [C] State Bank of India
- [D] HDFC Bank

Correct Answer: C [State Bank of India]

Notes:

The SBI Foundation launched the third edition of its Asha Scholarship Program. It aimed to provide financial support to 10,000 talented students from underprivileged backgrounds. The scholarship offered amounts between Rs 15,000 and Rs 20 lakh. It helped students from Class 6 to postgraduate levels pursue their educational goals. This initiative showed SBI's commitment to supporting educational opportunities for disadvantaged students across India.

5. INS Malpe and INS Mulki, recently seen in the news, belongs to which type of class?

- [A] Kamorta
- [B] Abhay
- [C] Mahe

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[D] Saryu

Correct Answer: C [Mahe]

Notes:

INS Malpe and INS Mulki, two anti-submarine warfare shallow watercraft vessels, were launched by the Indian Navy at Cochin Shipyard. These are the fourth and fifth indigenously built vessels of this type. They belong to the Mahe Class and will replace the Navy's Abhay Class ASW Corvettes. The vessels are designed for anti-submarine operations, mine-laying, sub-surface surveillance, and search and rescue in coastal waters. They are 78 meters long, can reach speeds of 25 knots, and have an endurance of 1,800 nautical miles. They feature state-of-the-art SONAR, torpedoes, and advanced weapon systems.

6.It has been demonstrated by the scientists that, certain wines such as Red Wine posses health benefits because they contain antioxidants, which work in the body as Free Radical Scavengers and slow the oxidation of other molecules by capturing the free radicals. Which among the following is the most common antioxidant found in Red Wine?

[A] Catechin

[B] Tetrodotoxin

[C] Polyphenol

[D] Tocopherol

Correct Answer: C [Polyphenol]

7.Which of the following plant growth hormone was recognized by Japanese scientists?

[A] Auxin

[B] Gibberellins

[C] Absciscic acid

[D] Cytokinin

Correct Answer: B [Gibberellins]

8.In context with the connective tissues, which among the following connect Bones to Bones?

[A] Ligaments

[B] Tendons

[C] Reticular fibers

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[D] Raphe

Correct Answer: A [Ligaments]

9. Which of these is the force required to move a body uniformly in a circle?

[A] Centrifugal force

[B] Centripetal force

[C] Kinetic force

[D] None of the above

Correct Answer: B [Centripetal force]

10. Which of the following is incorrect:

[A] Gravitational force of attraction is independent of nature of intervening medium

[B] Gravitational forces are central forces

[C] Gravitational forces are non-conservative forces

[D] All of the above

Correct Answer: C [Gravitational forces are non-conservative forces]

11. What will be the change in the height of water in a capillary tube in stationary condition on earth if the same tube is taken in a lift going downward with acceleration?

[A] height increases

[B] height decreases

[C] Remains same

[D] can decrease or increase

Correct Answer: A [height increases]

12. Which of the following are the areas of application of Doppler's effect?

[A] At airports to guide aircraft

[B] in the military to detect enemy aircraft

[C] Sonography

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[D] All of the above

Correct Answer: D [All of the above]

13. Which of the following can be measured using SONAR?

[A] distance of underwater objects

[B] direction of underwater objects

[C] speed of underwater objects

[D] All of the above

Correct Answer: D [All of the above]

14. What do we call an arrangement of two unlike poles of equal strength separated by a small distance?

[A] Magnetic dipole

[B] Solenoid

[C] Toroid

[D] Electric dipole

Correct Answer: A [Magnetic dipole]

15. What is the output of an AND gate when both the inputs are 0?

[A] 0

[B] 1

[C] Either 0 or 1

[D] 2

Correct Answer: A [0]

16. What is the electron configuration of Radium?

[A] $6s^2$

[B] $7s^2$

[C] $7s^2 7p^6$

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[D] 7s2 7p4

Correct Answer: B [7s2]

17. Which of the following hydrogen bond is formed in the case of o-nitrophenol?

[A] Intramolecular

[B] Intermolecular

[C] Both a and b

[D] None

Correct Answer: B [Intermolecular]

18. What are the products of the reaction when metal carbonate reacts with an acid?

[A] Salt and Hydrogen

[B] Carbon dioxide

[C] Salt, Carbon dioxide and water

[D] Salt, Carbon dioxide and Hydrogen

Correct Answer: C [Salt, Carbon dioxide and water]

19. Which of these fuels is a hydrocarbon or mixture of hydrocarbons?

[A] LPG

[B] CNG

[C] Petrol

[D] All of the above

Correct Answer: D [All of the above]

20. Which of these non-metals is commonly used in fire-crackers?

[A] Silicon

[B] Neon

[C] Sulphur

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[D] Fluorine

Correct Answer: C [Sulphur]

21. Who among the following is the author of the book 'A Brief History of Time' ?

[A] Stephen Hawking

[B] Harry Kroto

[C] John Gurdon

[D] Bruno Rossi

Correct Answer: A [Stephen Hawking]

Notes:

"A Brief History of Time" is a book written by physicist Stephen Hawking. It was first published in 1988, and it covers a wide range of topics in cosmology and theoretical physics. The book became a bestseller and has been translated into over 40 languages.

22. Who among the following is the author of "Mahatma Gandhi and His Myths"?

[A] Dominique Lepierre

[B] Mark Shepard

[C] Mino Masani

[D] None of the above

Correct Answer: B [Mark Shepard]

Notes:

"Mahatma Gandhi and His Myths: Civil Disobedience, Nonviolence, and Satyagraha in the Real World" was written by Mark Shepard. The book discussed about the exact implicit meaning nonviolent action of Gandhiji.

23. Which author wrote "A Suitable Boy", renowned as one of the longest novels ever published in a single volume in the English language?

[A] David Malouf

[B] Rohinton Mistry

[C] Alex Miller

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[D] Vikram Seth

Correct Answer: D [Vikram Seth]

Notes:

“A Suitable Boy” is an epic novel of over 1,500 pages, making it one of the longest novels published in a single volume in the English language. The author, Vikram Seth, is a celebrated Indian novelist and poet. Known for his masterful storytelling and keen understanding of human nature, he holds a distinguished place in contemporary English literature.

24. Who among the following is the author of the famous book “Silent Spring” which is credited for being of much help in launching the environment movement?

[A] Ian Lowe

[B] Pat Hutchings

[C] Mike Kingsford

[D] Rachel Carson

Correct Answer: D [Rachel Carson]

Notes:

The book Silent Spring is written by Rachel Carson. It is a book on environmental science. The book was published in 1962.

25. Who is the author of the book titled “Growth & Finance”?

[A] Bimal Jalan

[B] K Subba Rao

[C] C Rangrajan

[D] Amartya Sen

Correct Answer: C [C Rangrajan]

Notes:

The book “Growth & Finance” is written by C. Rangarajan. He is an Indian economist and a distinguished former Member of Parliament and Governor of the Reserve Bank of India. He is also the former Chairman of the Prime Minister’s Economic Advisory Council. His work in “Growth & Finance” outlines the financial growth tactics and strategies within an economy.

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26. Who among the following received Sahitya Academy award in 1955 for his/her work 'Him Taringini'?

- [A] Harishankar Parsai
- [B] Pandit Makhanlal Chaturvedi
- [C] Subhadra Kumari Chauhan
- [D] Gajanan Madhav Muktibodh

Correct Answer: B [Pandit Makhanlal Chaturvedi]

Notes:

'Pandit Makhanlal Chaturvedi' born in Hoshangabad district of Madhya Pradesh, also called Panditji, was an Indian poet, writer, essayist, playwright and a journalist who is particularly remembered for his participation in India's national struggle for independence and his contribution to Chhayavaad, the Neo-romanticism movement of Hindi literature. He was awarded the first Sahitya Akademi Award in Hindi for his work 'Him Taringini' in 1955. He was also awarded with the civilian honour of the Padma Bhushan in 1963 from Government of India.

27. Who among the following was the author of Ashiqa?

- [A] Amir Khusrau
- [B] Abul Fazal
- [C] Inayat Khan
- [D] None of the above

Correct Answer: C [Inayat Khan]

Notes:

The famous Sufi poet, Amir Khusrau was the author of the poem "Ashiqa", a tragic love story of Khizr Khan (son of Alauddin Khilji) and Deval Rani (Princess of Gujarat). Excerpts of the works done by him are Tughluq Nama, Wast-ul-Hayat, Nuh Sipihr, Laila Majnun, etc. He was the court poet of Alauddin Khilji and a spiritual disciple of Nizamuddin Auliya, Delhi.

28. The author of book 'Bhaktamala' is ?

- [A] Jnanadeva
- [B] Sakatyana
- [C] Mahaviracharya
- [D] Nabhadasa

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Correct Answer: D [Nabhadasa]

Notes:

Nabhadasa belonged to the Ramanandi tradition and his book “Bhaktamala” , written in the late 16th century, contains accounts of approx 600 saints viz. Ramanuja, Madhva, Ramananda, Nimbarka, etc. In it, each saint is depicted in a few lines of verse.

29.The book “Kathasaritsagar” was written by whom?

[A] Somadeva

[B] Padmagupta

[C] Kshemendra

[D] Padma Shankar

Correct Answer: A [Somadeva]

Notes:

The Kathasaritsagara (or Ocean of the Streams of Stories) is a famous 11th-century collection of Indian legends, fairy tales and folk tales as retold in Sanskrit by Somadeva, a Shaiva Brahmin. It was a translation of Brihat katha and was compiled between 1063-81 AD for the entertainment of the queen Suryamati, wife of king Anantadeva of Kashmir.

30.Who among the following authors wrote “Hasanaat ul-Aarifin”?

[A] Yahaya bin Ahmed Sirhindi

[B] Dara Shikoh

[C] Ziauddin Barni

[D] Nizamuddin Ahmed

Correct Answer: B [Dara Shikoh]

Notes:

Dara Shikoh, the eldest son of the Mughal Emperor Shah Jahan, wrote Hasanaat ul-Aarifin (virtues of the saints). Some of the famous works done by him are Safinat ul- Awliya, Sakinat ul-Awliya, Risaala-i Haq Numa, Iksir-i ‘Azam (Diwan-e-Dara Shukoh), etc.

31.World’s largest religion (population wise) is ____:

[A] Hindu

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- [B] Muslim
- [C] Christian
- [D] Buddhists

Correct Answer: C [Christian]

Notes:

Christianity represents about a third of the world's population and is the world's largest religion. A study has found that Christians make up about 32 percent of the world's population, followed by Muslims, the second largest group. Hindus are the third largest group, followed by Buddhists and Jews.

32. In which century, the Rajatarangini of Kalhana was composed?

- [A] 10th
- [B] 11th
- [C] 12th
- [D] 13th

Correct Answer: C [12th]

Notes:

The Rajatarangini ("The River of Kings") is a metrical historical chronicle of north-western Indian subcontinent, particularly the kings of Kashmir, written in Sanskrit by Kashmiri Brahman Kalhana in 12th century CE.

33. In which city is the dargah (tomb) of sufi saint Moinuddin Chishti located ?

- [A] Delhi
- [B] Ghaziabad
- [C] Ajmer
- [D] Gwalior

Correct Answer: C [Ajmer]

Notes:

Ajmer Sharif Dargah is a sufi shrine of the sufi saint, Moinuddin Chishti, located at Ajmer, Rajasthan. He was born in Sanjar. He is considered as the founder of the Chisti order of Sufism.

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34. Which among the following are called Dharamchakra ?

- [A] The chakra which is a weapon of lord Vishnu in Hindu Mythology
- [B] The first sermon of Mahavira Jain
- [C] The chakra which has 24 spokes in the central white band in Indian Flag
- [D] None of the above

Correct Answer: C [The chakra which has 24 spokes in the central white band in Indian Flag]

Notes:

The Ashoka Chakra is a depiction of the Dharma Chakra which has 24 spokes in the central white band in Indian Flag. The circular Ashoka Chakra represents the progressiveness of the country.

35. In which type of following classical dance forms of India the Pung which is a drum is a integral part?

- [A] Bharatnatyam
- [B] Kathakali
- [C] Kuchipudi
- [D] Manipuri

Correct Answer: D [Manipuri]

Notes:

Punj or Drum dance is a dance that belongs to Manipur. The Pung cholom is a Manipuri dance. It is the soul of Manipuri Sankirtana music and classical Manipuri dance.

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