

Central Bank of India Apprentice Sample Paper

Q1. Olympic Day is celebrated every year on which date?

- (a) 21 June
- (b) 22 June
- (c) 23 June
- (d) 24 June

Ans.(c)

Sol. The correct answer is (C) 23 June

Explanation:

- International Olympic Day is celebrated globally on June 23 every year to promote mass participation in sports regardless of age, gender, or athletic ability.
- This specific date was chosen to commemorate the historical founding of the International Olympic Committee (IOC) on June 23, 1894, at the Sorbonne University in Paris, driven by the visionary efforts of Baron Pierre de Coubertin, who sought to revive the ancient Olympic Games.
- The day serves as a global celebration of sport, health, and wellness, encouraging people across all continents to incorporate physical fitness into their daily lives and understand the importance of athletic dedication.
- National Olympic Committees (NOCs) around the world organize various sports, cultural, and educational events on this day, widely featuring the traditional Olympic Day runs that bring local communities together.

Information Booster:

- The modern celebration of Olympic Day stands firmly upon three fundamental structural pillars: Move, Learn, and Discover.
- The 'Move' pillar inspires individuals to engage in any physical activity or sport to maintain optimal physical and mental health.
- The 'Learn' pillar is designed to educate society about the core values of the Olympic Movement, which are Excellence, Friendship, and Respect, promoting fair play and international solidarity.
- The 'Discover' pillar focuses on encouraging people to explore new sports, activities, and wellness programs that they have never tried before, expanding their horizons.

Additional Knowledge:

- 21 June (Option A): Recognized globally as the International Day of Yoga, established by the United Nations General Assembly in 2014 to highlight global health, harmony, and peace, and it also marks the Summer Solstice in the Northern Hemisphere.
- 22 June (Option B): While not widely known for a single overarching global sports holiday, it marks various localized historical events and national observances across different sovereign nations.
- 24 June (Option D): Follows the Olympic Day celebrations and is historically significant in various cultural calendars, such as the feast day of St. John the Baptist and various midsummer traditional festivals across Europe.

Q2. Where is the IOC headquartered?

- (a) Paris



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- (b) Athens
- (c) Geneva
- (d) Lausanne

Ans.(d)

Sol. The correct answer is (D) Lausanne

Explanation:

- The International Olympic Committee (IOC) is officially headquartered in the city of Lausanne, located in the French-speaking canton of Vaud, Switzerland.
- Baron Pierre de Coubertin decided to relocate the administrative center of the Olympic Movement to Lausanne in April 1915 to safeguard it from the intense geopolitical instability of World War I, choosing Switzerland due to its long-standing political neutrality.
- Lausanne functions as the central nervous system for global sports governance, housing the administrative offices that coordinate the selection of host cities, broadcast rights management, and the preservation of Olympic records.
- The spectacular new headquarters building, known as the Olympic House (Maison Olympique), was inaugurated in 2019 in the scenic district of Vidy, highlighting state-of-the-art green architecture and sustainability.

Information Booster:

- To mark the centenary of the committee's establishment in the city, Lausanne was officially awarded the unique title of 'Olympic Capital' by the IOC in 1994.
- The city also hosts the world-famous Olympic Museum, which holds the largest archive of Olympic artifacts, historical torches, medals, and interactive sporting memorabilia in the world.
- Because of the IOC's long-standing presence, more than fifty international sports federations and sports-related governing bodies, including the Court of Arbitration for Sport (CAS), have set up their global headquarters in Lausanne or the surrounding Swiss regions.

Additional Knowledge:

- Paris (Option A): The capital city of France, which hosted the historic foundation meeting of the IOC in 1894 at the Sorbonne and has famously hosted the Summer Olympic Games multiple times (1900, 1924, and 2024).
- Athens (Option B): The historic capital of Greece, celebrated as the birthplace of the ancient Olympic Games and the host of the first modern Olympic Games in 1896, as well as the 2004 Summer Olympics.
- Geneva (Option C): A prominent global diplomatic hub in Switzerland that houses numerous international agencies such as the United Nations, World Health Organization (WHO), and World Trade Organization (WTO), but is not the operational home of the IOC.

Q3. What is the theme of Olympic Day 2026?

- (a) Move Together for Health
- (b) Sport for Everyone
- (c) One World One Movement
- (d) You can do this. Let's Move

Ans.(d)

Sol. The correct answer is (D) You can do this. Let's Move

Explanation:

- The official theme designated for International Olympic Day 2026 is 'You can do this. Let's Move', focusing heavily on individual empowerment and breaking down psychological barriers to physical exercise.
- This contemporary campaign theme is a direct extension of the continuous global partnership between the International Olympic Committee (IOC) and the World Health Organization (WHO), aimed at reversing global trends of physical inactivity.
- The core objective of the 2026 slogan is to specifically inspire and motivate young individuals who might feel self-conscious, awkward, or physically unprepared to begin an active lifestyle, emphasizing that perfection is not a prerequisite for movement.
- By using an accessible, supportive phrase like 'You can do this', the IOC aims to build a global culture of inclusive sports participation, reinforcing that minor fitness milestones are valuable contributions to personal well-being.

Information Booster:

- Studies released by health organizations indicate that a substantial percentage of adolescents and adults globally do not meet minimum physical activity recommendations, which has been described as a quiet public health emergency.
- The 2026 Olympic Day theme is tightly integrated with the preparatory messaging for the historic Youth Olympic Games Dakar 2026 in Senegal, which represents the first-ever Olympic multi-sport event to be hosted on the African continent.
- Digital toolkits, virtual fitness challenges, and athlete-led interactive workouts are widely distributed via social platforms under the hashtag #LetsMove to allow global citizens to easily join the campaign from home.

Additional Knowledge:

- Move Together for Health (Option A): Reflects general public health mottos used in joint sports-health declarations, focusing primarily on the group dynamic of community exercise rather than individual initial encouragement.
- Sport for Everyone (Option B): Represents an overarching traditional philosophical principle of the Olympic Movement known as 'Sport for All', which advocates for accessibility in athletics regardless of socioeconomic status.
- One World One Movement (Option C): A concept that echoes the broader message of global solidarity, international peace, and unity that the Olympic rings represent, though it is not the active institutional theme chosen for this year's campaign.

Q4. In which year was the International Olympic Committee (IOC) founded?

- (a) 1892
- (b) 1894
- (c) 1896
- (d) 1900

Ans.(b)

Sol. The correct answer is (B) 1894

Explanation:

- The International Olympic Committee (IOC) was formally founded on June 23, 1894, during a historic international athletic congress convened at the Sorbonne University in Paris, France.

- Baron Pierre de Coubertin, an aristocratic French educator and historian, was the principal architect behind the initiative, passionately presenting his grand blueprint to revive the long-dormant ancient Greek Olympic Games for the modern era.
- The congress was attended by delegates from numerous countries who unanimously agreed to establish a supreme international governing body to oversee the philosophy and management of modern global sports competition.
- Upon its foundation, Demetrius Vikelas, a distinguished Greek businessman and writer, was appointed as the very first President of the IOC to honor the historical origins of the games, while Coubertin assumed the role of Secretary General.

Information Booster:

- The foundational charter signed in 1894 established the core principles of Olympism, aiming to place sport at the service of harmonious human development and promote a peaceful society concerned with human dignity.
- Legally, the IOC is structured as an international non-governmental, non-profit organization constituted in the form of an association under the Swiss Civil Code, which grants it substantial fiscal autonomy and protection from external state interference.
- The operational revenues of the IOC are largely generated through commercial broadcasting rights and global sponsorships via 'The Olympic Partner' (TOP) program, with 90 percent of funds redistributed back to athlete development.

Additional Knowledge:

- 1892 (Option A): The year when Pierre de Coubertin first publicly announced his radical proposal to revive the Olympic Games during a speech at the Union des Sociétés Françaises de Sports Athlétiques, though it failed to gain immediate legislative traction.
- 1896 (Option C): Marks the momentous year when the first modern Summer Olympic Games were successfully staged in Athens, Greece, validating the institutional framework set up by the IOC two years prior.
- 1900 (Option D): The year when the second modern Olympic Games were held in Paris, France, coinciding with the World's Fair, which famously introduced female athletes to the official Olympic competition roster for the first time.

Q5. When was the first Olympic Day celebrated?

- (a) 23 June 1946
- (b) 23 June 1947
- (c) 23 June 1948
- (d) 23 June 1949

Ans.(c)

Sol. The correct answer is (C) 23 June 1948

Explanation:

- The very first International Olympic Day was formally celebrated on June 23, 1948, creating a landmark event in the institutional history of the modern Olympic Movement.
- The original proposal to institute a dedicated day for celebrating the Olympic ideals was presented by Doctor Gruss, an IOC member from Czechoslovakia, during the 41st IOC Session held in Stockholm, Sweden, in 1947.

- The primary intent of establishing this global day was to re-engage the international public with the messages of peace, solidarity, and cross-border cooperation through sport, especially in the immediate aftermath of the immense devastation wrought by World War II.
- During the inaugural celebration in 1948, a total of nine sovereign nations participated by organizing national sports events and running challenges: Portugal, Greece, Austria, Canada, Switzerland, Great Britain, Uruguay, Venezuela, and Belgium.

Information Booster:

- The 1948 celebration was highly significant as it took place just a few weeks prior to the opening ceremonies of the 1948 London Summer Olympic Games, which were famously dubbed the 'Austerity Games' due to post-war economic conditions.
- Sigfrid Edström was the President of the International Olympic Committee during this crucial introductory phase, guiding the committee toward global public relations expansion.
- Over the subsequent decades, the scope of this day expanded dramatically from a simple European-centric athletic gathering into an all-inclusive celebration adopted by over 200 National Olympic Committees worldwide.

Additional Knowledge:

- 23 June 1946 (Option A): This period marked the early structural recovery of the IOC immediately following World War II, during which the committee was focused on reorganizing internal communications rather than public festivals.
- 23 June 1947 (Option B): This was the year when the baseline concept of a global Olympic Day was formally discussed and officially approved during the session in Stockholm, setting the groundwork for the next year's launch.
- 23 June 1949 (Option D): Represents the first anniversary of the established celebration, a period during which the IOC began actively encouraging newly recognized post-war nations to join the annual fitness movement.

Q6. What is the proposed height of the statue of Dr. Shyama Prasad Mukherjee to be erected in Kolkata?

- (a) 100 feet
- (b) 150 feet
- (c) 125 feet
- (d) 108 feet

Ans.(c)

Sol. The correct answer is (C) 125 feet

Explanation:

- The state government of West Bengal has officially finalized the proposed height of the upcoming monument of Dr. Syama Prasad Mookerjee to be exactly 125 feet to match a highly significant milestone.
- The specific height of 125 feet has been chosen to mark the grand celebration of his 125th birth anniversary year in 2026, creating a permanent architectural homage to his historical legacy.
- The monument will be crafted using high-grade materials and is designed to eclipse previous installations, establishing itself as the tallest statue of the legendary statesman in the entire world.
- This structural endeavor forms the core of a massive regional heritage revival campaign designed to highlight his stellar leadership during the tumultuous partition period of 1947, ensuring that West Bengal remained an integral part of India.

Information Booster:

- The foundation stone of this majestic 125-foot statue is set to be laid on July 5, 2026, precisely on the eve of his birth anniversary, kicking off a series of year-long national and regional celebrations.
- Prior to this 2026 declaration, the tallest existing statue of Dr. Mookerjee was the 65-foot bronze structure designed by celebrated sculptors Ram Sutar and Mantu Ram in Lucknow, Uttar Pradesh.
- This project is funded via a dedicated 200 crore rupees allocation by the State Treasury, which also covers the establishment of associated public parks, digital archives, and nationalist memorial sites across the state.

Additional Knowledge:

- 100 feet (Option A): A common benchmark height used for several iconic flags and regional statues across India, but it does not correspond to the symbolic 125th-anniversary figure designated for this project.
- 150 feet (Option B): Although considered for various larger-than-life national projects across different Indian states, this height was not selected as it lacked the direct chronological alignment with the 125-year milestone.
- 108 feet (Option D): A height frequently utilized for statues carrying deep spiritual and traditional significance in India, such as the Statue of Prosperity in Bengaluru, but it was not chosen for this specific political and historical monument.

Q7. West Bengal has declared a state holiday on which date to honour Dr. Shyama Prasad Mukherjee's birth anniversary?

- (a) June 23
- (b) July 6
- (c) August 15
- (d) January 23

Ans. (b)

Sol. The correct answer is (B) July 6

Explanation:

- In an extraordinary legislative and cultural decision, the government of West Bengal has declared July 6 as a full state public holiday across all administrative departments to honor the memory of Dr. Syama Prasad Mookerjee.
- July 6 marks the birth anniversary of Dr. Mookerjee, who was born on this date in the year 1901 in Calcutta, and this new holiday serves as a profound recognition of his role as the architect of modern West Bengal.
- This decision was formalized in June 2026 by the state administration, fulfilling a long-standing demand of nationalist historians to institutionalize his legacy in the official state calendar.
- The declaration was accompanied by the announcement of a massive state-sponsored commemorative program running through the entire year to educate young citizens about his resistance against the undivided allocation of Bengal to Pakistan.

Information Booster:

- Dr. Mookerjee was an exceptionally multi-faceted figure, serving with great distinction as an eminent barrister, an educationalist, a prominent Hindutva activist, and India's first Minister for Industry and Supply under the Jawaharlal Nehru cabinet.

- He later resigned from the Union Cabinet in 1950 in fierce protest against the controversial Nehru-Liaquat Pact, which he firmly believed failed to protect the fundamental rights and lives of minority Hindus in East Pakistan.
- The Central Government has also launched multi-year national commemorations for his 125th birth anniversary, which include releasing specialized commemorative stamps, circulation coins, and academic fellowships across premier universities.

Additional Knowledge:

- June 23 (Option A): The solemn death anniversary of Dr. Syama Prasad Mookerjee, who passed away in 1953 under highly mysterious conditions while in custody in Srinagar, and is officially observed across the country as Martyrdom Day or Balidan Diwas.
- August 15 (Option C): Celebrated nationwide as India's Independence Day, marking the end of British colonial rule in 1947, a monumental day during which Dr. Mookerjee took charge as a key minister in the first independent cabinet.
- January 23 (Option D): Observed nationally as Parakram Diwas to honor the birth anniversary of another legendary son of Bengal, Netaji Subhas Chandra Bose, celebrating his unmatched courage and military contribution to the freedom struggle.

Q8. In which city will the 125-foot statue of Dr. Shyama Prasad Mukherjee be erected?

- (a) Siliguri
- (b) Kolkata
- (c) Durgapur
- (d) Asansol

Ans.(b)

Sol. The correct answer is (B) Kolkata

Explanation:

- In June 2026, the newly formed state government in West Bengal announced a landmark decision to construct a massive 125-foot statue of Dr. Syama Prasad Mookerjee in the capital city of Kolkata.
- This major cultural project was announced by Chief Minister Suwendu Adhikari during the grand celebration of the state's official Paschimbanga Divas, signaling a significant ideological shift and honoring the leader who championed the creation of West Bengal in 1947.
- Dr. Syama Prasad Mookerjee was born in Kolkata, and his family roots run deep in the city, making it the most historically relevant location to immortalize his monumental contributions to the integration of the Indian nation.
- The grand monument is intended to stand as a symbol of cultural nationalism and national integrity, with the foundation stone scheduled to be laid on July 5, just ahead of his birth anniversary.

Information Booster:

- Alongside this gigantic 125-foot structure, the state government has announced a comprehensive 200 crore rupees package dedicated entirely to commemorative plans for Dr. Mookerjee's legacy.
- This historical initiative also includes the acquisition and meticulous restoration of his ancestral property, converting it into a state-of-the-art public museum and an advanced research library to inspire younger generations.

• Previously, the tallest statue dedicated to Dr. Mookerjee was a 65-foot bronze monument located at the Rashtra Prerna Sthal in Lucknow, Uttar Pradesh, which was unveiled by Prime Minister Narendra Modi.

Additional Knowledge:

- Siliguri (Option A): A vital strategic and commercial city located in North Bengal, serving as the gateway to Northeast India and neighboring international borders, but it is not the selected site for this mega statue project.
- Durgapur (Option C): Known as the industrial steel hub of West Bengal, developed during the mid-20th century as a planned city under Dr. B.C. Roy, but holds no direct connection to this specific cultural announcement.
- Asansol (Option D): The second-largest urban agglomeration in the state, celebrated primarily for its extensive coal mining and railway networks, and is not associated with the planned 125-foot monument.

Q9. Dr. Shyama Prasad Mukherjee served as the Vice Chancellor of which university?

- (a) Jadavpur University
- (b) Presidency University
- (c) Visva-Bharati University
- (d) Calcutta University

Ans.(d)

Sol. The correct answer is (D) Calcutta University

Explanation:

- Dr. Syama Prasad Mookerjee achieved an extraordinary academic milestone by serving as the Vice Chancellor of the prestigious University of Calcutta, cementing his reputation as one of modern India's finest educational minds.
- Appointed to the esteemed post in the year 1934 at the remarkably young age of just 33, he made history by becoming the youngest individual ever to hold the office of Vice Chancellor at Calcutta University.
- During his illustrious and visionary tenure, which lasted from 1934 until 1938, he introduced revolutionary educational reforms that modernized the academic framework and significantly expanded research facilities.
- His leadership was marked by a deep commitment to Indian culture and heritage, ensuring that the university became a thriving hub for nationalist thought while sustaining elite academic standards during the colonial era.

Information Booster:

- Under his direct guidance, the legendary Nobel Laureate Rabindranath Tagore was invited to deliver the prestigious University Convocation Address in the Bengali language for the first time in history, breaking the rigid colonial English tradition.
- Dr. Mookerjee was instrumental in introducing Indian vernacular languages as formal subjects for the highest examinations, thereby democratizing higher education for the local population.
- His father, the legendary Sir Asutosh Mookerjee, popularly known as the 'Tiger of Bengal', had also served as the illustrious Vice Chancellor of Calcutta University, making their family's contribution to Indian academia truly unparalleled.

Additional Knowledge:

- Jadavpur University (Option A): Formally established as a full-fledged university in 1955 out of the National Council of Education, it became a pioneering center for engineering and technology in West Bengal long after Dr. Mookerjee's academic administration period.
- Presidency University (Option B): Historically known as Hindu College (1817) and later Presidency College, where Dr. Mookerjee actually studied as a brilliant student, graduating first class in English before it was upgraded to a university in 2010.
- Visva-Bharati University (Option C): A unique central university founded by Rabindranath Tagore in Santiniketan in 1921, focused on rural reconstruction and cultural education, distinct from the administrative domain of Calcutta University.

Q10. The Bharatiya Jana Sangh later became the foundation of which present-day political party?

- (a) Janata Dal (United)
- (b) Aam Aadmi Party
- (c) Bharatiya Janata Party
- (d) Nationalist Congress Party

Ans.(c)

Sol. The correct answer is (C) Bharatiya Janata Party

Explanation:

- The Bharatiya Jana Sangh (BJS), which was founded under the stalwart leadership of Dr. Syama Prasad Mookerjee, served as the direct ideological and organizational foundation for the contemporary Bharatiya Janata Party (BJP).
- Dr. Mookerjee established the Bharatiya Jana Sangh on October 21, 1951, in Delhi, collaborating closely with the Rashtriya Swayamsevak Sangh (RSS) to form a strong political alternative focused on cultural nationalism.
- Following the turbulent period of the National Emergency, the Jana Sangh merged with several other opposition political groups in 1977 to form the unified Janata Party to defeat the ruling Congress regime.
- However, due to internal ideological conflicts regarding dual membership with the RSS, the former Jana Sangh faction separated from the Janata Party and formally reconstituted themselves as the Bharatiya Janata Party (BJP) on April 6, 1980.

Information Booster:

- The core foundational principles laid down by Dr. Mookerjee for the Jana Sangh, including 'Ek Desh, Ek Vidhan, Ek Nishan' (One Country, One Constitution, One Flag), continue to form the bedrock of the BJP's national policy manifesto.
- He vehemently opposed the special status granted to Jammu and Kashmir under Article 370, asserting that it threatened national integration, a political stance that culminated in the full abrogation of the article by the BJP government in August 2019.
- The lotus symbol, the emphasis on cultural heritage, and the concept of integral humanism pioneered by subsequent leaders like Deendayal Upadhyaya trace their direct lineage back to the original framework of the Jana Sangh.

Additional Knowledge:

- Janata Dal (United) (Option A): A regional political party with its primary base in Bihar, formed through various splits and mergers of the original Janata Dal faction, entirely distinct from the right-wing Jana Sangh lineage.

- Aam Aadmi Party (Option B): A modern political entity founded in 2012 out of the anti-corruption movement led by Anna Hazare, focusing on populist governance models and having no historical or ideological connection to the post-independence BJS.
- Nationalist Congress Party (Option D): Formed in 1999 by Sharad Pawar, P.A. Sangma, and Tariq Anwar after breaking away from the Indian National Congress over foreign-origin leadership debates, operating completely separate from the BJS-BJP lineage.

Q11. Which ministry launched the Green Hydrogen Certification Portal of India (GHCI Portal) in June 2026?

- (a) Ministry of Power
- (b) Ministry of Petroleum and Natural Gas
- (c) Ministry of New and Renewable Energy
- (d) Ministry of Heavy Industries

Ans.(c)

Sol. Answer: (c) Ministry of New and Renewable Energy

Solution:

- Union Minister Pralhad Joshi launched the Green Hydrogen Certification Portal of India (GHCI Portal) in June 2026.
- The portal was launched during the National Workshop on “Strengthening the National Green Hydrogen Mission: Through State Policies, Hubs & Infrastructure” in New Delhi.
- The platform has been developed by the Ministry of New and Renewable Energy.
- It aims to enhance transparency, certification, verification, and regulatory compliance in India's green hydrogen ecosystem.

Information Booster:

- The GHCI Portal is a unified digital platform for implementing the Green Hydrogen Certification Scheme of India (GHCI).
- It enables:
 - Measurement and reporting
 - Verification and certification
 - Regulatory compliance
 - Transparency and credibility in the green hydrogen sector
- The portal is scheduled to become operational on 1 July 2026 after completion of a security audit.

Additional Knowledge:

- Certification is mandatory for entities that:
 - Receive incentives or subsidies for green hydrogen production
 - Sell or use green hydrogen in India
 - Seek exemptions under relevant schemes
 - Export green hydrogen products
- The portal supports the objectives of the National Green Hydrogen Mission.
- Green hydrogen is produced using renewable energy sources and is considered a key fuel for achieving net-zero emission goals.
- India aims to become a global hub for green hydrogen production and exports.

Q12. Renowned Buddhist scholar Robert A.F. Thurman, who passed away in June 2026, was awarded which Indian civilian honour in 2020?

- (a) Padma Bhushan

- (b) Padma Vibhushan
(c) Padma Shri
(d) Bharat Ratna

Ans.(c)

Sol. Answer: (c) Padma Shri

Solution:

- Robert A. F. Thurman was awarded the Padma Shri in 2020 in the field of Literature and Education.
- He passed away on 16 June 2026 in New York, United States, at the age of 84.
- The award recognized his contributions to literature, education, and the promotion of Buddhist philosophy and culture.
- He was one of the world's most respected scholars of Tibetan Buddhism.

Information Booster:

- Thurman was born on 3 August 1941 in New York City, USA.
- He earned a Ph.D. from Harvard University.
- He later served as the Jey Tsong Khapa Professor of Indo-Tibetan Buddhist Studies at Columbia University.
- He became the first American ordained in the Tibetan Buddhist tradition under Tenzin Gyatso.

Additional Knowledge:

- Robert Thurman translated the Vimalakirti Sutra into English.
- He authored more than 20 books, including the book Inner Revolution.
- In 1986, he co-founded Tibet House US to preserve and promote Tibetan culture and Buddhist traditions.
- He was listed among the 25 Most Influential Americans (1997) and among New York Magazine's influential figures in religion (2006).

Q13. Who was appointed as the Chairman-cum-Managing Director (CMD) of General Insurance Corporation of India (GIC Re) in June 2026?

- (a) Narayanan Ramaswamy
(b) Hitesh Rameshchandra Joshi
(c) Sanjay Lohiya
(d) M. Nagaraju

Ans.(b)

Sol. Answer: (b) Hitesh Rameshchandra Joshi

Solution:

- The Department of Financial Services under the Ministry of Finance approved the appointment of Hitesh Rameshchandra Joshi as the Chairman-cum-Managing Director (CMD) of General Insurance Corporation of India in June 2026.
- His appointment became effective from 16 June 2026.
- He will serve as CMD until 30 September 2028.
- He succeeded Narayanan Ramaswamy, whose tenure ended on 30 September 2025.

Information Booster:

- Hitesh Rameshchandra Joshi has over three decades of experience in the insurance and reinsurance sector.
- He had been serving as the interim CMD of GIC Re since 1 October 2025.
- Earlier, he served as Executive Director (ED) of GIC Re.
- He supervised international business, human resources, information technology, actuarial services, and business intelligence functions.

Additional Knowledge:

- GIC Re is India's national reinsurer.

- Reinsurance is insurance purchased by insurance companies to reduce their own risk exposure.
- During his career at GIC Re, Joshi handled:
- Domestic and international reinsurance
- Retrocession
- Risk management
- Strategic planning
- Finance and internal audit
- Investor relations and budgetary control
- GIC Re plays a vital role in strengthening India's insurance and risk-management ecosystem.

Q14. Which Indian institution emerged as the highest-ranked Indian university in the QS World University Rankings 2027?

- (a) IIT Bombay
- (b) IISc Bengaluru
- (c) IIT Madras
- (d) IIT Delhi

Ans.(d)

Sol. Answer: (d) IIT Delhi

Solution:

- Indian Institute of Technology Delhi emerged as the highest-ranked Indian institution in the QS World University Rankings 2027.
- IIT Delhi secured the 118th position globally with an overall score of 65.7.
- It improved its ranking by five places, moving up from 123rd position in the previous edition.
- This marks the second consecutive year that IIT Delhi has been India's top-ranked institution in the QS rankings.

Information Booster:

- The QS World University Rankings 2027 were released by Quacquarelli Symonds, a global higher education analytics firm based in London, UK.
- The 23rd edition evaluated more than 1,500 universities across 106 countries and territories.
- A total of 52 Indian universities were included in the rankings.
- Other top-ranked Indian institutions were:
- Indian Institute of Technology Bombay – 134th
- Indian Institute of Technology Madras – 170th
- Indian Institute of Technology Kharagpur – 205th
- Indian Institute of Science – 221st

Additional Knowledge:

- Massachusetts Institute of Technology retained the No. 1 global ranking with a perfect score of 100.
- Imperial College London and Stanford University jointly ranked 2nd globally.
- QS rankings assess institutions based on factors such as academic reputation, employer reputation, faculty-student ratio, citations, and internationalization.
- IIT Delhi was established in 1961 and is recognized as an Institute of National Importance.

Q15. How many new sectoral indices were introduced by NSE Indices Limited in June 2026?

- (a) 11
- (b) 10
- (c) 8

(d) 15

Ans.(a)

Sol. Answer: (a) 11

Solution:

- NSE Indices Limited introduced 11 new sector-specific indices in June 2026.
- With this expansion, the total number of sectoral indices offered by NSE Indices increased to 34.
- The move aims to provide broader representation of various sectors of the Indian economy.
- The indices cover both traditional industries and emerging growth sectors.

Information Booster:

- The newly launched indices are:
 - Nifty Power
 - Nifty Capital Goods
 - Nifty Telecommunications
 - Nifty Construction
 - Nifty Consumer Services
 - Nifty Commercial & Transport Services
 - Nifty Retail
 - Nifty Hospitals
 - Nifty NBFC
 - Nifty Housing Finance
 - Nifty Insurance
- These indices track the performance of companies within their respective sectors.

Additional Knowledge:

- National Stock Exchange of India is one of India's leading stock exchanges.
- Sectoral indices help investors analyze the performance of specific industries.
- The well-known NIFTY 50 tracks the performance of 50 major companies listed on the NSE.
- Sector-specific indices are commonly used for benchmarking, investment products, and market analysis.

Q16. What is the name of the national industry platform launched in June 2026 to strengthen India's Anti-Money Laundering (AML) and Combating the Financing of Terrorism (CFT) framework?

- (a) FINSAFE
- (b) ARIFAC
- (c) AMLNET
- (d) STR India

Ans.(b)

Sol. Answer: (b) ARIFAC

Solution:

- In June 2026, India's financial sector launched ARIFAC (Alliance of Reporting Entities in AML/CFT).
- The platform aims to strengthen India's Anti-Money Laundering (AML) and Combating the Financing of Terrorism (CFT) ecosystem.
- It was established in response to rising financial crimes, cyber frauds, and evolving risks in the financial sector.
- ARIFAC promotes collaboration among reporting entities covered under the Prevention of Money Laundering Act (PMLA).

Information Booster:

- The secretariat of ARIFAC is managed by:

- Payments Council of India
- Fintech Convergence Council
- Financial Intelligence Unit-India participates as an observer in the initiative.
- The platform focuses on training, certification, workshops, and continuous learning programmes related to AML/CFT compliance.

Additional Knowledge:

- ARIFAC's membership includes:
 - Banks
 - NBFCs
 - Payment System Operators
 - Insurance Companies
 - Securities Market Intermediaries
 - Virtual Digital Asset (VDA) Service Providers
- Key focus areas include:
 - Transaction monitoring
 - Suspicious Transaction Reporting (STR)
 - Sanctions screening
 - Mule account detection
 - Managing risks from digital banking and cross-border financial crimes
- The Prevention of Money Laundering Act (PMLA), 2002 is India's primary legislation to combat money laundering.

Q17. Which of the following statements is/are correct regarding Prime Minister Narendra Modi's visit to France in June 2026?

1. PM Modi participated in the 52nd G-7 Summit held in Evian-les-Bains, France.
 2. He held bilateral talks with French President Emmanuel Macron at Villa Kerylos in Nice.
 3. PM Modi and President Macron jointly inaugurated the first edition of Bharat Innovates 2026 in Nice.
 4. One of the outcomes of the visit was the adoption of the India-France Innovation Roadmap 2030.
- (a) 1 and 2 only
(b) 2, 3 and 4 only
(c) 1, 2 and 4 only
(d) 1, 2, 3 and 4

Ans.(d)

Sol. Answer

(d) 1, 2, 3 and 4

Solution

Explanation

- Statement 1 is correct because PM Modi participated in the 52nd G-7 Summit held in Evian-les-Bains.
- Statement 2 is correct as he held bilateral talks with Emmanuel Macron at Villa Kerylos, Nice.
- Statement 3 is correct because both leaders inaugurated the inaugural edition of Bharat Innovates 2026 in Nice.
- Statement 4 is correct as the India-France Innovation Roadmap 2030 was among the key outcomes of the visit.

Information Booster

- PM Modi visited Nice from 13–14 June 2026 and later visited Paris on 18 June 2026.
- He attended the VivaTech 2026 Technology Summit in Paris.
- Bharat Innovates 2026 was organized by the Ministry of Education under the India-France Year of Innovation.

• The visit focused on strategic cooperation, innovation, technology partnerships, and global issues.

Additional Knowledge

- France is a founding member of the Group of Seven.
- Capital of France: Paris.
- Currency of France: Euro (€).
- India and France elevated their relationship to a Special Global Strategic Partnership in February 2026.
- Key outcomes of the visit included:
 - India-France Innovation Roadmap 2030
 - Joint Working Group (JWG) on AI Governance
 - Expansion of UPI in France
 - Target to double bilateral trade within five years

Q18. World Crocodile Day is observed annually on which date to promote crocodile conservation and protection of aquatic ecosystems?

- (a) 5 June
- (b) 8 June
- (c) 17 June
- (d) 21 June

Ans.(c)

Sol. Answer: (c) 17 June

Solution:

- World Crocodile Day (World Croc Day) is observed every year on 17 June.
- The day aims to raise awareness about the conservation of crocodiles and the protection of aquatic ecosystems.
- It highlights the ecological importance of crocodiles, gharials, alligators, caimans, and other crocodilian species.
- The 2026 theme was “Legacy in Every Scale”.

Information Booster:

- World Crocodile Day was established in 2017.
- It was launched by the Crocodile Research Coalition in collaboration with the Belize Zoo.
- The initiative was led by Marisa Tellez.
- The objective is to promote awareness and conservation of crocodilian species worldwide.

Additional Knowledge:

- Crocodilians include:
 - Crocodiles
 - Alligators
 - Gharials
 - Caimans
- India is home to three crocodilian species:
 - Mugger Crocodile
 - Saltwater Crocodile
 - Gharial
- Crocodiles play a vital role in maintaining the balance of aquatic ecosystems by regulating prey populations.
- Habitat loss, pollution, and illegal hunting remain major threats to crocodilian species globally.

Q19. Under the Regional Plan 2041, how many ‘Namo Cities’ have been approved for development in the Delhi-NCR region?

- (a) 2
- (b) 3
- (c) 4
- (d) 5

Ans.(c)

Sol. Answer: (c) 4

Solution:

- The National Capital Region Planning Board approved plans to develop 4 greenfield cities, branded as “Namo Cities”, under the Regional Plan 2041.
- One Namo City will be developed in each of the following regions:
 - Delhi
 - Haryana
 - Uttar Pradesh
 - Rajasthan
- The initiative aims to promote balanced regional growth across the Delhi-NCR region.
- The decision was taken during a meeting chaired by Manohar Lal Khattar.

Information Booster:

- The proposed Namo Cities will be developed at an estimated cost of Rs. 5,000 crore.
- The development is planned over the next five years.
- The Ministry of Housing and Urban Affairs (MoHUA) has directed participating states to submit three proposals each, with final selection through a challenge mode process.
- The name “Namo Cities” aligns with the Namo Bharat Regional Rapid Transit System (RRTS).

Additional Knowledge:

- NCRPB functions under the Ministry of Housing and Urban Affairs.
- The board also decided to divide the NCR into three planning zones.
- One of the key zones will be the core area between the Kundli-Ghaziabad-Palwal (KGP) and Kundli-Manesar-Palwal (KMP) expressways.
- The Regional Plan 2041 focuses on sustainable urbanization, improved infrastructure, and balanced economic development across the NCR region.

Q20. According to the Global Startup Ecosystem Report (GSER) 2026, what was Bengaluru’s rank among the world’s top startup ecosystems?

- (a) 10th
- (b) 12th
- (c) 15th
- (d) 20th

Ans.(c)

Sol. Answer: (c) 15th

Solution:

- According to the Global Startup Ecosystem Report (GSER) 2026, Bengaluru ranked 15th among the world's top startup ecosystems.
- The report was released by Startup Genome in partnership with the Global Entrepreneurship Network.
- Bengaluru was recognized as one of the leading innovation and startup hubs globally.
- It also emerged as the second-best AI-native cluster in Asia, after Beijing.

Information Booster:

- GSER 2026 is the 14th edition of the Global Startup Ecosystem Report.

- The report analyzed more than 5.5 million startups across 350+ startup ecosystems worldwide.
- It also incorporated policy insights from over 200 organizations across 80+ countries.
- The report evaluates ecosystems based on startup performance, funding, talent, innovation, and business environment.

Additional Knowledge:

- The top three global startup ecosystems in GSER 2026 were:
 1. Silicon Valley
 2. New York City
 3. London
- Bengaluru is often referred to as the "Silicon Valley of India" due to its strong technology and startup ecosystem.
- The city hosts numerous unicorns, technology companies, venture capital firms, and research institutions.
- India is among the world's largest startup ecosystems, with thousands of recognized startups across diverse sectors.

Q21. What will come in place of (?).

$$\frac{\sqrt[3]{125} + \sqrt[3]{64} + \sqrt[4]{16}}{2} = ?$$

- (a) 3.5
- (b) 4.5
- (c) 5.5
- (d) 6.5
- (e) 2.5

Ans.(c)

Sol. $\frac{\sqrt[3]{125} + \sqrt[3]{64} + \sqrt[4]{16}}{2} = ?$

$$\frac{5+4+2}{2} = ?$$

$$5.5 = ?$$

Q22. What will come in the place of question (?) mark in following the question:

$$(16^2 + 30^2) - ? = 1000$$

- (a) 123
- (b) 144
- (c) 156
- (d) 148
- (e) 153

Ans.(c)

Sol. $(16^2 + 30^2) - ? = 1000$

$$(256 + 900) - ? = 1000$$

$$1156 - ? = 1000$$

$$156 = ?$$

Q23. What will come in the place of question (?) mark in following the question:

$$\sqrt{4900} + 5 \times ? = 200$$

- (a) 40

(b) 25

(c) 5

(d) 16

(e) 26

Ans.(e)

Sol. $\sqrt{4900 + 5 \times ?} = 200$

$$70 + 5 \times ? = 200$$

$$5 \times ? = 130$$

$$? = 26$$

Q24. What will come in the place of question (?) mark in following the question:

$$125 - 16 \div 10 - ? = 150$$

(a) 26.6

(b) 23.4

(c) -23.4

(d) -26.6

(e) None of these

Ans.(d)

Sol. $125 - 16 \div 10 - ? = 150$

$$125 - 1.6 - ? = 150$$

$$123.4 - ? = 150$$

$$123.4 - 150 = ?$$

$$- 26.6 = ?$$

Q25. What will come in the place of question (?) mark in following the question:

$$\sqrt{(125 + 3^2 \times 5 + 26)} = ?$$

(a) 19

(b) 13

(c) 12

(d) 10

(e) 14

Ans.(e)

Sol. $\sqrt{(125 + 3^2 \times 5 + 26)} = ?$

$$\sqrt{(125 + 9 \times 5 + 26)} = ?$$

$$\sqrt{(125 + 45 + 26)} = ?$$

$$\sqrt{196} = ?$$

$$14 = ?$$

Q26. What is the total number of apples sold in all three months together?

Read the following table carefully and answer the questions given below. The table given below shows the number of mangoes and apples sold in three different months (April, May, and June).

| Months | Mangos | Apples |
|--------|--------|--------|
| April | 140 | 125 |
| May | 210 | 185 |

| | | |
|------|-----|-----|
| June | 175 | 160 |
|------|-----|-----|

- (a) 340
 (b) 470
 (c) 430
 (d) 370
 (e) 510

Ans.(b)

Sol. Required answer = $125 + 185 + 160 = 470$

Q27. If each mango costs Rs 20, what is the total revenue from mangoes sold in June (in Rs)?

Read the following table carefully and answer the questions given below. The table given below shows the number of mangoes and apples sold in three different months (April, May, and June).

| Months | Mangos | Apples |
|--------|--------|--------|
| April | 140 | 125 |
| May | 210 | 185 |
| June | 175 | 160 |

- (a) 3200
 (b) 3500
 (c) 3600
 (d) 3800
 (e) 3150

Ans.(b)

Sol. Required answer = $20 \times 175 = \text{Rs } 3500$

Q28. Find the ratio of apples sold in April to those sold in May.

Read the following table carefully and answer the questions given below. The table given below shows the number of mangoes and apples sold in three different months (April, May, and June).

| Months | Mangos | Apples |
|--------|--------|--------|
| April | 140 | 125 |
| May | 210 | 185 |
| June | 175 | 160 |

- (a) 25:37
 (b) 37:21
 (c) 23: 37
 (d) 24: 31
 (e) 22:35

Ans.(a)

Sol. Required ratio = $125 : 185$
 $= 25 : 37$

Q29. Find the difference between the total mangoes and total apples sold across all three months.

Read the following table carefully and answer the questions given below. The table given below shows the number of mangoes and apples sold in three different months (April, May, and June).

| Months | Mangos | Apples |
|--------|--------|--------|
|--------|--------|--------|

| | | |
|-------|-----|-----|
| April | 140 | 125 |
| May | 210 | 185 |
| June | 175 | 160 |

- (a) 50
 (b) 40
 (c) 45
 (d) 55
 (e) 60

Ans.(d)

Sol. Required difference = $(140 + 210 + 175) - (125 + 185 + 160)$
 $= 525 - 470$
 $= 55$

Q30. The total number of apples sold in July is 20% more than the total number of mangoes sold in May. If the total number of mangoes sold in July is $\frac{3}{5}$ th that of apples sold in April, then find the total number of apples and mangoes together sold in July.

Read the following table carefully and answer the questions given below. The table given below shows the number of mangoes and apples sold in three different months (April, May, and June).

| Months | Mangos | Apples |
|--------|--------|--------|
| April | 140 | 125 |
| May | 210 | 185 |
| June | 175 | 160 |

- (a) 321
 (b) 330
 (c) 327
 (d) 365
 (e) 344

Ans.(c)

Sol.

The total number of apples sold in July = $\frac{120}{100} \times 210 = 252$

The total number of mangoes sold in July = $\frac{3}{5} \times 125 = 75$

Required sum = $252 + 75 = 327$

Questions: {31-35}

Observe the following details carefully and give the answers to the questions based on it

In a certain code language:

"Students read difficult chapters" is coded as "uv pl rt ks"

"Teachers include difficult topics" is coded as "rt mi cw yt"

"Chapters include interesting stories" is coded as "ks df yt ab"

"Students share teachers stories" is coded as "uv pq mi ab"

Q1. What is the code for 'Students' in the given code language?

- (a) pq

- (b) uv
(c) ab
(d) rt
(e) None of these

Ans.(b)

Sol.

| Words | Codes |
|-------------|-------|
| Read | pl |
| Chapters | ks |
| Students | uv |
| Difficult | rt |
| Topic | cw |
| Include | yt |
| Stories | ab |
| Teachers | mi |
| Interesting | df |
| Share | pq |

Students- uv

Q32. Which of the following words is coded as 'ks'?

- (a) Chapters
(b) Includes
(c) Interesting
(d) Stories
(e) Can't be determined

Ans.(a)

Sol.

| Words | Codes |
|-------------|-------|
| Read | pl |
| Chapters | ks |
| Students | uv |
| Difficult | rt |
| Topic | cw |
| Include | yt |
| Stories | ab |
| Teachers | mi |
| Interesting | df |
| Share | pq |

Chapters- ks

Q33. What may be the code for 'Grow share topics' in the given code language?

- (a) pq lp mj
(b) mj pq rt
(c) mj pq zx
(d) pq mj cw
(e) zx lp uv

Ans.(d)

Sol.

| Words | Codes |
|-------------|-------|
| Read | pl |
| Chapters | ks |
| Students | uv |
| Difficult | rt |
| Topic | cw |
| Include | yt |
| Stories | ab |
| Teachers | mi |
| Interesting | df |
| Share | pq |

Grow share topic - pq mj cw

Q34. Which of the following pairs is correctly matched?

- (a) rt – students
- (b) cw – topic
- (c) ks – include
- (d) ab – teachers
- (e) df – stories

Ans.(b)

Sol.

| Words | Codes |
|-------------|-------|
| Read | pl |
| Chapters | ks |
| Students | uv |
| Difficult | rt |
| Topic | cw |
| Include | yt |
| Stories | ab |
| Teachers | mi |
| Interesting | df |
| Share | pq |

cw – topic

Q35. Which of the following words can be coded as 'yt'?

- (a) interesting
- (b) stories
- (c) share
- (d) include
- (e) chapters

Ans.(d)

Sol.

| Words | Codes |
|-------------|-------|
| Read | pl |
| Chapters | ks |
| Students | uv |
| Difficult | rt |
| Topic | cw |
| Include | yt |
| Stories | ab |
| Teachers | mi |
| Interesting | df |
| Share | pq |

Yt- Include

Questions: {36-40}

Study the following information carefully to answer the given questions.

Nine boxes are kept one above another in the form of the stack. Two boxes are kept between box Q and box Y. Only one box is kept between box Y and box G. Box Q doesn't kept adjacent to box G.

Only one box is kept above box K which is kept two boxes above box Q. The number of boxes kept below box Y is same as the number of boxes kept above box M. Box J is kept adjacent to box S. Box R is kept below box T. Even number of boxes are kept between box R and box S.

Q36. How many boxes are kept between box T and box J?

- (a) Five
- (b) Four
- (c) Six
- (d) Three
- (e) None of these

Ans.(b)

Sol.

Two boxes are kept between box Q and box Y. So, here we have two possible cases. Only one box is kept between box Y and box G. Box Q doesn't kept adjacent to box G.

| Case 1 | Case 2 |
|--------|--------|
| Boxes | Boxes |
| Q | G |
| | |
| | Y |
| Y | |
| | |
| G | Q |

Only one box is kept above box K which is kept two boxes above box Q. So, case 2 gets eliminated here.

| Case 1 | Case 2 |
|--------|--------|
| Boxes | Boxes |
| | G |
| K | |
| | Y |
| Q | K |
| | |
| | Q |
| Y | |
| | |
| G | |

The number of boxes kept below box Y is same as the number of boxes kept above box M. Box J is kept

| |
|--------|
| Case 1 |
| Boxes |
| |
| K |
| M |
| Q |
| J/S |
| J/S |
| Y |
| |
| G |

adjacent to box S.

Box R is kept below box T. Even number of boxes are kept between box R and box S. Thus, the final

| |
|-------|
| Boxes |
| T |
| K |
| M |
| Q |
| S |
| J |
| Y |
| R |
| G |

arrangement is:

Four boxes are kept between box T and box J.

Q37. Which among the following statements(s) is/are not true?

- (a) Box T is kept at the topmost position
- (b) Box M is kept adjacent to box K
- (c) More than three boxes are kept below box Q
- (d) Box K is kept above box T
- (e) All are true

Ans.(d)

Sol.

Two boxes are kept between box Q and box Y. So, here we have two possible cases. Only one box is kept between box Y and box G. Box Q doesn't kept adjacent to box G.

| Case 1 | Case 2 |
|--------|--------|
| Boxes | Boxes |
| Q | G |
| | |
| | Y |
| Y | |
| | |
| G | Q |

Only one box is kept above box K which is kept two boxes above box Q. So, case 2 gets eliminated here.

| Case 1 | Case 2 |
|--------|--------|
| Boxes | Boxes |
| | G |
| K | |
| | Y |
| Q | K |
| | |
| | Q |
| Y | |
| | |
| G | |

The number of boxes kept below box Y is same as the number of boxes kept above box M. Box J is kept adjacent to box S.

| Case 1 |
|--------|
| Boxes |
| |
| K |
| M |
| Q |
| J/S |
| J/S |
| Y |
| |
| G |

Box R is kept below box T. Even number of boxes are kept between box R and box S. Thus, the final arrangement is:

| Boxes |
|-------|
| T |
| K |
| M |
| Q |
| S |
| J |
| Y |
| R |
| G |

Statement given in option d is not true.

Q38. If box T is related to box M, in the similar manner box Q is related to box J then which among the following box is related to box Y?

- (a) Box S
- (b) Box J
- (c) Box G
- (d) Either box S or box J
- (e) None of these

Ans.(a)

Sol.

Two boxes are kept between box Q and box Y. So, here we have two possible cases. Only one box is kept between box Y and box G. Box Q doesn't kept adjacent to box G.

| Case 1 | Case 2 |
|--------|--------|
| Boxes | Boxes |
| Q | G |
| | |
| | Y |
| Y | |
| | |
| G | Q |

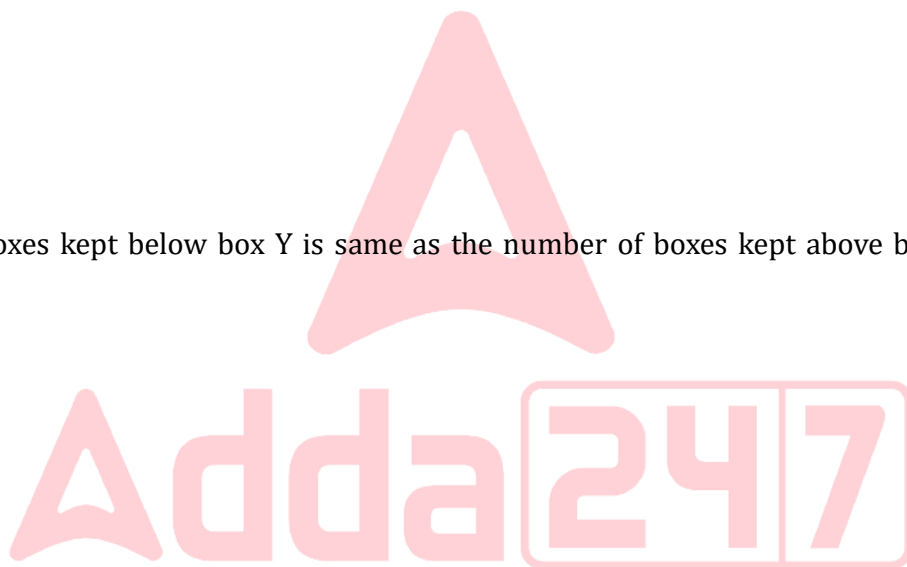
Only one box is kept above box K which is kept two boxes above box Q. So, case 2 gets eliminated here.

| Case 1 | Case 2 |
|--------|-------------------|
| Boxes | Boxes |
| | G |
| K | |
| | Y |
| Q | K |
| | |
| | Q |
| Y | |
| | |
| G | |

The number of boxes kept below box Y is same as the number of boxes kept above box M. Box J is kept adjacent to box S.

| Case 1 |
|--------|
| Boxes |
| |
| K |
| M |
| Q |
| J/S |
| J/S |
| Y |
| |
| G |

Box R is kept below box T. Even number of boxes are kept between box R and box S. Thus, the final arrangement is:



| |
|-------|
| Boxes |
| T |
| K |
| M |
| Q |
| S |
| J |
| Y |
| R |
| G |

Box S is related to box Y.

Q39. Which among the following box is kept at second position from the bottommost position?

- (a) Box J
- (b) Box Y
- (c) Box R
- (d) Box G
- (e) Either box G or box R

Ans.(c)

Sol.
Two boxes are kept between box Q and box Y. So, here we have two possible cases. Only one box is kept between box Y and box G. Box Q doesn't kept adjacent to box G.

| Case 1 | Case 2 |
|--------|--------|
| Boxes | Boxes |
| Q | G |
| | |
| | Y |
| Y | |
| | |
| G | Q |

Only one box is kept above box K which is kept two boxes above box Q. So, case 2 gets eliminated here.

| Case 1 | Case-2 |
|--------|-------------------|
| Boxes | Boxes |
| | G |
| K | |
| | Y |
| Q | K |
| | |
| | Q |
| Y | |
| | |
| G | |

The number of boxes kept below box Y is same as the number of boxes kept above box M. Box J is kept adjacent to box S.

| |
|--------|
| Case 1 |
| Boxes |
| |
| K |
| M |
| Q |
| J/S |
| J/S |
| Y |
| |
| G |

Box R is kept below box T. Even number of boxes are kept between box R and box S. Thus, the final arrangement is:

| |
|-------|
| Boxes |
| T |
| K |
| M |
| Q |
| S |
| J |
| Y |
| R |
| G |

Box R is kept at second position from the bottom.

Q40. How many boxes are kept below the box which is kept just above box Q?

- (a) Five
- (b) Three
- (c) Four
- (d) Six
- (e) More than Six

Ans.(d)

Sol.

Two boxes are kept between box Q and box Y. So, here we have two possible cases. Only one box is kept between box Y and box G. Box Q doesn't kept adjacent to box G.

| Case 1 | Case 2 |
|--------|--------|
| Boxes | Boxes |
| Q | G |
| | |
| | Y |
| Y | |
| | |
| G | Q |

Only one box is kept above box K which is kept two boxes above box Q. So, case 2 gets eliminated here.

| Case 1 | Case-2 |
|--------|--------|
| Boxes | Boxes |
| | G |
| K | |
| | Y |
| Q | K |
| | |
| | Q |
| Y | |
| | |
| G | |

The number of boxes kept below box Y is same as the number of boxes kept above box M. Box J is kept adjacent to box S.

| Case 1 |
|--------|
| Boxes |
| |
| K |
| M |
| Q |
| J/S |
| J/S |
| Y |
| |
| G |

Box R is kept below box T. Even number of boxes are kept between box R and box S. Thus, the final arrangement is:

| Boxes |
|-------|
| T |
| K |
| M |
| Q |
| S |
| J |
| Y |
| R |
| G |

Six boxes are kept below the box which is kept just above box Q (Box M is kept just above box Q)

Q41. In what form is data stored inside a computer?

- (a) Decimal form
- (b) Binary form
- (c) Octal form
- (d) Hexadecimal form
- (e) Text form

Ans.(b)

Sol. The correct answer is Binary form because computers store and process data using binary digits (0 and 1). All types of data, including numbers, text, images, and instructions, are ultimately represented in binary format as it is compatible with the electronic circuitry of the computer.

Important Key Points:

1. Computers use binary system (0 and 1) for data storage.
2. Binary form is based on electronic signals (on/off states).
3. All data types are converted into binary for processing.
4. It is the fundamental data representation in computers.

Knowledge Booster :

1. (a) Decimal form – Used by humans for calculations, not for internal storage.
2. (c) Octal form – Used as a compact representation of binary, not actual storage form.
3. (d) Hexadecimal form – Also a shorthand for binary, not directly used for storage.
4. (e) Text form – Text is stored as binary-encoded characters, not as plain text internally.

Q42. The operating system that is self-contained in a device and resident in the ROM is _____.

- (a) Batch Operating System
- (b) Real-time Operating System
- (c) Embedded Operating System
- (d) Multi-Processor Operating System
- (e) None of the above

Ans.(c)

Sol. An Embedded Operating System is designed to be self-contained and reside in the Read-Only Memory (ROM) of a device. These operating systems are used in specialized devices such as washing machines, ATMs, and IoT devices, where they provide real-time functionality and reliability.

Important Key Points:

1. Embedded operating systems are optimized for the hardware they run on, ensuring efficient resource usage.
2. They support limited functionalities tailored for specific applications, unlike general-purpose OS.
3. Examples include FreeRTOS and VxWorks.

Knowledge Booster:

- Batch Operating System: Processes tasks in batches, commonly used in early mainframes.
- Real-time Operating System (RTOS): Used for time-sensitive applications but may not be self-contained in ROM.
- Multi-Processor Operating System: Used in systems with multiple CPUs for task distribution, not embedded devices.

Q43. Which of the following operating systems is primarily recognized for its strong security features?

- (a) Windows
- (b) macOS
- (c) UNIX
- (d) Android
- (e) MS-DOS

Ans.(c)

Sol. UNIX (and its derivatives like Linux, BSD) is historically and primarily recognized for its strong security features. Its design includes principles such as least privilege, modular architecture, user/group permissions, secure process isolation, and robust access controls. These foundational security concepts originated in the original UNIX developed at Bell Labs and have influenced modern secure systems. UNIX-like systems are widely used in servers, critical infrastructure, and security-focused environments due to their proven reliability and security model.

Important Key Points:

1. UNIX introduced core security principles like file permissions and user isolation.
2. It uses a multi-user design with strict access controls (read/write/execute bits).
3. Features least privilege and process separation by default.
4. Basis for POSIX standards; highly auditable and configurable for security.

Knowledge Booster:

- (a) Windows → Has improved security over time but historically vulnerable due to large attack surface and legacy compatibility.
- (b) macOS → Strong security (e.g., SIP, Gatekeeper) but built on UNIX; not the primary historical reference.
- (d) Android → Linux-based but modified for mobile; weakened by app permissions and fragmentation.
- (e) MS-DOS → Single-user, no memory protection or access controls; highly insecure by modern standards.

Q44. What is the full form of GPU?

- (a) General Processing Unit
- (b) Graphics Processing Unit
- (c) Graphical Performance Utility
- (d) General Purpose Utility
- (e) Graphics Performance Unit

Ans.(b)

Sol. The correct answer is Graphics Processing Unit because a GPU is a specialized electronic component designed to process and render images, videos, and animations efficiently. It performs complex mathematical and graphical calculations required for displaying visuals on a screen. Unlike the CPU, which handles general-purpose tasks, the GPU is optimized for parallel processing, making it highly effective in applications such as gaming, video editing, and artificial intelligence.

Important Key Points:

1. GPU stands for Graphics Processing Unit.
2. It is mainly used for rendering images, videos, and animations.
3. GPUs are designed for parallel processing, improving performance in graphical tasks.
4. Widely used in gaming, multimedia, and AI-based applications.

Knowledge Booster :

1. (a) General Processing Unit is incorrect because GPU is specifically related to graphics processing, not general tasks.
2. (c) Graphical Performance Utility is not a recognized or standard term in computing.
3. (d) General Purpose Utility does not define the specialized role of a GPU.
4. (e) Graphics Performance Unit is incorrect as the standard and correct term is Graphics Processing Unit.

Q45. Which of the following is an example of optical storage memory?

- (a) Floppy Disk

- (b) CD-ROM
- (c) Core Memory
- (d) Bubble Memory
- (e) Magnetic Tape

Ans.(b)

Sol. The correct answer is CD-ROM because it is an optical storage device that uses laser technology to read data from the disc surface. Optical storage relies on light (laser beams) for data retrieval, unlike magnetic storage devices such as floppy disks or tapes.

Important Key Points:

1. CD-ROM is an optical storage device using laser technology.
2. Optical storage uses light to read/write data.
3. It is a type of secondary storage memory.
4. Examples include CD, DVD, and Blu-ray discs.

Knowledge Booster :

1. (a) Floppy Disk – A magnetic storage device, not optical.
2. (c) Core Memory – An early primary memory technology, not optical storage.
3. (d) Bubble Memory – A magnetic memory technology, not optical.
4. (e) Magnetic Tape – Uses magnetic storage, not laser-based optical storage.

Q46. Which one among the following could be a permanent storage of a computer?

- (a) Hard Disk
- (b) CPU
- (c) RAM
- (d) Motherboard
- (e) None of the above

Ans.(a)

Sol. The correct answer is Hard Disk because it is a type of non-volatile storage device, which means it can store data permanently even when the power is turned off. A hard disk is used to store the operating system, software applications, and user data for long-term use. In contrast, components like RAM are volatile memory, meaning they lose data when power is off, and CPU and motherboard are processing and structural components, not storage devices. Therefore, only the hard disk serves as a permanent storage medium in a computer system.

Important Key Points:

1. Hard Disk is a non-volatile storage device that retains data permanently.
2. It is used to store OS, applications, and user files.
3. Permanent storage does not lose data when power is off.
4. Examples include HDD and SSD (modern storage devices).

Knowledge Booster :

1. (b) CPU is the processing unit of the computer and does not store data permanently.
2. (c) RAM is volatile memory, which loses all data when the system is powered off.
3. (d) Motherboard is the main circuit board that connects components but does not store data.

Q47. Which of the following is responsible for systematically browsing the web to collect and organize information from websites to be indexed by search engines?

-
- (a) Web Scraper
 - (b) Web Crawler
 - (c) Content Moderator
 - (d) Data Analyzer
 - (e) Firewall

Ans.(b)

Sol. A web crawler (also known as a web spider or bot) is a type of software program that systematically browses websites to collect content. This collected content is then indexed, allowing search engines to provide relevant results to users.

Important Key Points:

1. Web Crawlers: The primary purpose of web crawlers is to index web content to ensure search engines like Google and Bing can provide relevant and up-to-date search results.
2. Role in Search Engines: They help search engines discover new pages and update information by following links on websites.

Knowledge Booster:

- Web Scraper: Used to extract specific information from websites, but unlike web crawlers, it is often for targeted data collection rather than general indexing.
- Content Moderator: Human or automated systems used to monitor and manage content on platforms to ensure it adheres to specific guidelines.
- Data Analyzer: A tool or software used for analyzing collected data, not for collecting or indexing web pages.
- Firewall: A security system that monitors and controls incoming and outgoing network traffic based on predetermined security rules, unrelated to browsing or indexing web content.

Q48. Which of the following protocols is used in email communication?

- (a) SMTP
- (b) FTP
- (c) HTTP
- (d) TCP
- (e) ARP

Ans.(a)

Sol. The correct answer is SMTP (Simple Mail Transfer Protocol) because it is the standard protocol used for sending emails over the internet. SMTP is responsible for transferring outgoing email messages from the sender's mail client to the recipient's mail server. It works along with other protocols like POP3 or IMAP (used for receiving emails), but SMTP specifically handles the sending process. It ensures reliable and structured delivery of email messages between servers.

Important Key Points:

1. SMTP stands for Simple Mail Transfer Protocol.
2. It is used for sending emails over the internet.
3. Works with POP3/IMAP for complete email communication.
4. Ensures proper routing and delivery of email messages.

Knowledge Booster :

1. (b) FTP (File Transfer Protocol) is used for transferring files, not emails.
2. (c) HTTP (HyperText Transfer Protocol) is used for web browsing and accessing websites.
3. (d) TCP (Transmission Control Protocol) is a transport layer protocol, not specifically for email.

4. (e) ARP (Address Resolution Protocol) is used for mapping IP addresses to MAC addresses, not for email communication.

Q49. In which field of an email message is the BCC option typically located?

- (a) Subject
- (b) To
- (c) From
- (d) CC
- (e) Attachments

Ans.(b)

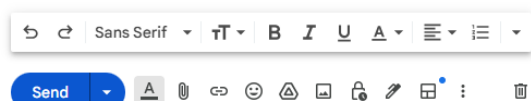
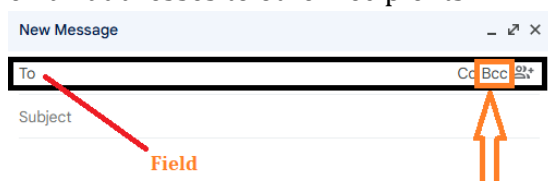
Sol. In most email composition interfaces, the BCC (Blind Carbon Copy) field is typically accessible near the To field. As shown in the provided image, clicking on the "Cc Bcc" option next to the To field allows users to add both the CC and BCC fields. The BCC field enables the sender to include recipients whose addresses remain hidden from others.

Important Key Points:

1. Purpose of BCC: Enables confidential communication by hiding recipients' email addresses from each other.
2. Location in Email Interfaces: Accessible through the "Cc Bcc" option located next to the To field in most email composition windows.
3. Privacy Feature: The BCC field hides email addresses, unlike the CC and To fields, where addresses are visible to all recipients.
4. Professional Use: Often used in mass or group emails to maintain privacy, especially in corporate communication.
5. Ethics and Privacy: Using BCC helps reduce exposure to spam and respects recipient privacy by concealing the contact list.

Knowledge Booster:

- To, CC, and BCC Differences: To is for primary recipients, CC (Carbon Copy) for secondary visible recipients, and BCC for hidden recipients.
- Best Practice in Group Emails: Use BCC when emailing a large group to protect recipient information.
- Introduction of BCC: BCC was introduced to improve privacy and confidentiality in email communication.
- Additional Uses: BCC is often used to keep supervisors or stakeholders informed without revealing their email addresses to other recipients.



Q50. Which of the following is NOT a layer of the Internet Protocol Suite (TCP/IP)?

- (a) Application layer
- (b) Physical layer
- (c) Network layer
- (d) Transport layer
- (e) None of the above

Ans.(b)

Sol. The Physical layer is not a part of the Internet Protocol Suite (TCP/IP). The TCP/IP model consists of four layers: Application, Transport, Internet (Network), and Network Interface (Link). The Physical layer is part of the OSI model but is integrated into the Network Interface layer in the TCP/IP model.

Important Key Points:

1. TCP/IP Layers:

- Application Layer: Handles protocols like HTTP, FTP, and SMTP.
- Transport Layer: Provides communication services, including reliability (TCP) and speed (UDP).
- Internet Layer: Responsible for logical addressing and routing using protocols like IP.
- Network Interface Layer: Combines the OSI Data Link and Physical layers for hardware communication.

2. Physical Layer in TCP/IP: The Physical layer is not explicitly defined in TCP/IP but is included as part of the Network Interface Layer, which deals with data transmission over physical mediums.

Knowledge Booster:

- OSI Model: Consists of 7 layers, including the Physical layer at the bottom.
- TCP/IP Model Layers:
 - Application Layer = Application, Presentation, Session layers in OSI.
 - Transport Layer = Transport layer in OSI.
 - Internet Layer = Network layer in OSI.
 - Network Interface Layer = Data Link and Physical layers in OSI.
- Key Difference: While the OSI model explicitly defines the Physical layer, the TCP/IP model integrates physical transmission into the Network Interface Layer.

Q51. Each question below has one blank, which is indicating that something has been omitted. Find out which option can be used to fill up the blank in the sentence to make it meaningfully complete.

India's recent decision to _____ Prime Minister's visit to Turkey scheduled for later this year contradicts the fundamental principle of policymaking.

- (a) Fall through
- (b) Draw up
- (c) Put off
- (d) Clamp down on
- (e) Clam up

Ans.(c)

Sol.

Here is the complete solution for the fill-in-the-blank question, along with the Hindi meanings of all the options to help you understand them clearly.

Solution

The correct option is **(C) Put off**.

Explanation

The sentence talks about an official visit that was already planned ("scheduled for later this year") In a diplomatic context, a country makes a decision to **postpone** or **delay** such a trip. The phrasal verb "**put off**" perfectly fits this context as it means to delay or postpone an event to a later date.

Word Meanings & Explanations (with Hindi)

Correct Option:

• (C) Put off

- **English Meaning:** To postpone or delay an event.
- **Hindi Meaning:** स्थगित करना / आगे के लिए टालना
- *Example:* The match was **put off** because of heavy rain. (भारी बारिश के कारण मैच स्थगित कर दिया गया था।)

Incorrect Options:

• (A) Fall through

- **English Meaning:** To fail or not happen (usually used for plans, deals, or agreements)
- **Hindi Meaning:** असफल होना / योजना का चौपट होना
- *Example:* Our travel plans **fell through** at the last minute. (हमारी यात्रा की योजना आखिरी वक्त पर चौपट हो गई।)

• (B) Draw up

- **English Meaning:** To prepare or write out an official document, plan, or contract.
- **Hindi Meaning:** मसौदा (ड्राफ्ट) तैयार करना / योजना बनाना
- *Example:* The lawyer will **draw up** the contract tomorrow. (वकील कल कॉन्ट्रैक्ट का मसौदा तैयार करेगा।)

• (D) Clamp down on

- **English Meaning:** To take strict action against something to prevent or stop it (like crime or illegal activities)
- **Hindi Meaning:** सख्ती से निपटना / शिकंजा कसना
- *Example:* The government is trying to **clamp down on** tax evasion. (सरकार टैक्स चोरी पर शिकंजा कसने की कोशिश कर रही है।)

• (E) Clam up

- **English Meaning:** To suddenly become silent or refuse to speak, usually out of fear or nervousness.
- **Hindi Meaning:** अचानक चुप हो जाना / डर या घबराहट में मुंह बंद कर लेना
- *Example:* As soon as the boss walked in, everybody **clammed up**. (जैसे ही बॉस अंदर आए, सब अचानक चुप हो गए।)

Q52. Each of the following questions give a sentence which has been divided into four parts which might not be in their correct order of narrative. The sentence is then followed by five options, one of which gives the sequence of the rearranged parts to make the sentence meaningful. You must choose the option which gives the correct sequence of the parts. If the sentence is already arranged in the correct sequence or the correct sequence doesn't match with any of the given sequence, mark option " No rearrangement required " as your answer.

(A) the self-important CEO went on

- (B) and on about how much he
(C) giving a vainglorious speech,
(D) had done for the company
(a) CABD
(b) CDAB
(c) ABDC
(d) ADCB
(e) No rearrangement required

Ans.(a)

Sol.

The correct answer is **A (CABD)**

Explanation:

To find the correct narrative sequence, we identify the structure of the sentence starting with the context-setting phrase.

- **The Opening (C):** "giving a vainglorious speech," acts as an introductory participle phrase that describes the action the subject is performing.
- **The Subject (A):** "the self-important CEO went on" introduces the main actor and the primary verb ("went on")
- **The Continuation (B):** "and on about how much he" completes the phrasal verb "went on and on" (meaning to talk at length) and sets up the subordinate clause.
- **The Conclusion (D):** "had done for the company" finishes the thought by explaining the subject of his excessive boasting.

Arrangement:

(c) giving a vainglorious speech, + (A) the self-important CEO went on + (B) and on about how much he + (D) had done for the company.

Q53. Each of the following questions give a sentence which has been divided into four parts which might not be in their correct order of narrative. The sentence is then followed by five options, one of which gives the sequence of the rearranged parts to make the sentence meaningful. You must choose the option which gives the correct sequence of the parts. If the sentence is already arranged in the correct sequence or the correct sequence doesn't match with any of the given sequence, mark option " No rearrangement required " as your answer.

- (A)the viewing angle is altered
(B)results in a change in position when
(C)they fail to consider the parallax that
(D)often hunters miss their marks when
(a) BADC
(b) DABC
(c) DCBA
(d) BCDA
(e) No rearrangement required

Ans.(c)

Sol. The correct answer is **C (DCBA)**

Explanation:

To solve this rearrangement, we identify the main subject and the technical cause of the error being described.

- **The Opening (D):** "often hunters miss their marks when" sets the primary context, introducing the subject (hunters) and the problem (missing their marks)
- **The Problem (C):** "they fail to consider the parallax that" introduces the scientific reason for the error. The word "parallax" functions as a noun that requires further explanation of what it does.
- **The Consequence (B):** "results in a change in position when" describes the effect of parallax—specifically, how an object's perceived position shifts.
- **The Conclusion (A):** "the viewing angle is altered" completes the technical definition of parallax, explaining *when* the shift in position occurs.

Arrangement:

(d) **often hunters miss their marks when** + (C) **they fail to consider the parallax that** + (B) **results in a change in position when** + (A) **the viewing angle is altered.**

Q54. In the questions given below, there is a sentence in which one part is given in bold. The part given in bold may or may not be grammatically correct. Choose the best alternative among the five given options which can replace the part in bold to make the sentence grammatically correct.

Fear and disquiet have gripped nearly two million residents of Assam, and their loved ones, after **their names failed to show out** in the final updated list of the National Register of Citizens (NRC)

- (a) their names failed to show up
- (b) there names failed to come up
- (c) their names failing to show up
- (d) his name failed to show up
- (e) No replacement required

Ans.(a)

Sol. There is a contextual error in the highlighted part of the sentence. Show someone out means to escort or accompany one to an exit which does not give the required meaning to the sentence whereas show up means to appear or arrive.

Come up means to appear above the soil.

Hence option (a) is the correct choice.

Q55. Read the sentence to find out whether there is any grammatical or idiomatic error in it. The error, if any, will be in one part of the sentence. The corresponding letter of that part is the answer. If the given sentence is correct as it is, then choose option 'No error' as the answer response. (Ignore errors of punctuation, if any)

An urgent appeal was made to (A)/ provide a shelter to (B)/ victims of the landslide in (C)/ a affected region of northern Nepal (D)

- (a) A
- (b) B
- (c) C
- (d) D
- (e) No error

Ans.(d)

Sol.

Let's analyze the sentence part by part.

Sentence:

"An urgent appeal was made to (A)/ provide a shelter to (B)/ victims of the landslide in (C)/ a affected region of northern Nepal (D)"

Part (A): "An urgent appeal was made to"

- Correct passive structure.
- Example: *An appeal was made to save the heritage site.*

Part (B): "provide a shelter to"

- Grammatically acceptable.
- Use of **"a shelter"** is correct because "shelter" here is a countable noun meaning *a specific safe place*.
- Example: *They provided a shelter to the homeless.*

Part (C): "victims of the landslide in"

- Correct noun phrase.
- Example: *Victims of the accident were taken to hospital.*

Part (D): "a affected region of northern Nepal"

- **Error is here.**
- Article "a" cannot precede a word starting with a vowel sound unless it is correct by grammar.
- It should be **"an affected region"** not **"a affected region."**
- Rule: Use **"a"** before consonant sounds, **"an"** before vowel sounds.
- Example (correct): *An honest man was awarded.*

Corrected Sentence:

"An urgent appeal was made to provide a shelter to victims of the landslide in an affected region of northern Nepal."

Final Answer: (d) D

Q56. Each question below has one blank, which is indicating that something has been omitted. Find out which option can be used to fill up the blank in the sentence to make it meaningfully complete.

Many animals have a colour _____ ability that is far beyond our comprehension, for example, the Mantis Shrimp.

- (a) Dabble
- (b) Mode
- (c) Realm
- (d) Perception
- (e) Seizure

Ans.(d)

Sol. The correct option is **(D) Perception**.

Solution & Explanation

The sentence discusses the visual capabilities of certain animals, using the **Mantis Shrimp** as a prime example. The Mantis Shrimp is famously known for having one of the most complex visual systems ever discovered, featuring up to 16 color receptive cones (compared to humans who only have 3)

Therefore, the sentence refers to the ability to see, sense, or interpret colors. The word **"perception"** (the ability to see, hear, or become aware of something through the senses) fits perfectly into the blank to form the phrase **"colour perception ability"** (रंगों को समझने/देखने की क्षमता)

Word Meanings & Explanations (with Hindi)

Correct Option:

• **(D) Perception**

- **English Meaning:** The ability to see, hear, or become aware of something through the senses; understanding.
- **Hindi Meaning:** अनुभूति / समझ / प्रत्यक्ष ज्ञान (इंद्रियों द्वारा महसूस करने की क्षमता)
- **Context:** "Colour perception ability" means the power to sense and distinguish different colors.

Incorrect Options:

• **(A) Dabble**

- **English Meaning:** To take part in an activity in a casual or superficial way.
- **Hindi Meaning:** ऊपरी तौर पर या शौकिया तौर पर कोई काम करना
- **Context:** This is a verb and makes no grammatical or contextual sense here.

• **(B) Mode**

- **English Meaning:** A way or manner in which something occurs or is experienced.
- **Hindi Meaning:** तरीका / रूप / मोड
- **Context:** While "color mode" is a technical term in digital screens (like RGB mode), it does not apply to an animal's biological capability in this context.

• **(C) Realm**

- **English Meaning:** A kingdom or a primary field of interest/activity.
- **Hindi Meaning:** क्षेत्र / राज्य / दायरा
- **Context:** Animals do not have a "color realm ability."

• **(E) Seizure**

- **English Meaning:** The action of capturing someone or something by force; or a sudden attack of illness (like a fit)
- **Hindi Meaning:** जब्ती / दौरा (मिर्गी आदि का)
- **Context:** Completely unrelated to eyesight or animal capabilities.

Q57. In the following question, a sentence is given with four bold words. The position of these words may be incorrect. Four options with different arrangements are provided. Mark your answer as the correct arrangement. If there is no rearrangement required, mark 'No rearrangement required' as your answer.

Space **missions(A)** are planning **agencies (B)** to explore Mars, with the goal of sending **humans (C)** to the red planet within the next few **decades (D)**

- (a) CDAB
- (b) BACD
- (c) ADBC
- (d) DCBA
- (e) No rearrangement required

Ans.(b)

Sol.

The correct option is **(B) BACD.**

Solution & Explanation

Let's look at the original placement of the bold words and see why they need to swap places:

- **Original Sentence:** "Spacemissions(A) are planning agencies (B) to explore Mars..."
 - This makes no grammatical sense. "Space missions" cannot "plan agencies."
- **The Fix:** If we swap (A) and (B), the sentence becomes: "**Agencies (B) are planning space missions (A) to explore Mars...**"
 - This perfectly fixes the grammar and context, as space agencies (like NASA or ISRO) are the ones planning these missions.
- **The Rest of the Sentence:** "...with the goal of sending **humans (C)** to the red planet within the next few **decades (D)**"
 - This part is already grammatically perfect and contextually accurate.

By arranging the words in the order of **B - A - C - D**, we get a completely meaningful sentence:

"**Agencies (B)** are planning **space missions (A)** to explore Mars, with the goal of sending **humans (C)** to the red planet within the next few **decades (D)**"

Word Meanings & Explanations (with Hindi)

- **Agencies (B)**
 - **English Meaning:** Organizations or bureaus providing a specific service (e.g., Space agencies)
 - **Hindi Meaning:** एजेंसियां / संस्थाएं
- **Space missions (A)**
 - **English Meaning:** Journey or flight into space for a specific purpose or research.
 - **Hindi Meaning:** अंतरिक्ष अभियान / अंतरिक्ष मिशन
- **Humans (C)**
 - **English Meaning:** Human beings / people.
 - **Hindi Meaning:** मानव / इंसान
- **Decades (D)**
 - **English Meaning:** Periods of ten years.
 - **Hindi Meaning:** दशक (10 वर्षों की अवधि)

Q58. Read the sentence to find out whether there is any grammatical or idiomatic error in it. The error, if any, will be in one part of the sentence. The corresponding letter of that part is the answer. If the given sentence is correct as it is, then choose option 'No error' as the answer response. (Ignore errors of punctuation, if any)

The European Union is focused on (A)/ reducing carbon emissions, promoting clean energy, (B)/ and to improve public transport systems (C)/ across member states (D)

- (a) A
- (b) B
- (c) C
- (d) D
- (e) No error

Ans.(c)

Sol.

Sentence:

“The European Union is focused on (A)/ reducing carbon emissions, promoting clean energy, (B)/ and to improve public transport systems (C)/ across member states (D)”

Part (A): “The European Union is focused on”

- Grammatically correct.
- Subject (“The European Union”) + linking verb (“is”) + predicate (“focused on”)
- Example: *She is focused on her studies.*

Part (B): “reducing carbon emissions, promoting clean energy,”

- Correct use of **gerunds (-ing forms)** after “focused on.”
- Parallel structure: “reducing” and “promoting” match each other.
- Example: *He is interested in reading books and writing poetry.*

Part (C): “and to improve public transport systems”

- **Error is here.**
- Problem: breaks the parallel structure. Instead of another **-ing form**, it uses an infinitive (**to improve**)
- Rule: In lists/series, elements must be in the **same grammatical form** (parallelism)
- Correction: should be **“and improving public transport systems.”**
- Example (correct): *The project focuses on planting trees, cleaning rivers, and protecting wildlife.*
- Example (incorrect): *The project focuses on planting trees, cleaning rivers, and to protect wildlife.*

Part (D): “across member states”

- Grammatically correct prepositional phrase.
- Example: *The policy will be implemented across all departments.*

Corrected Sentence:

“The European Union is focused on reducing carbon emissions, promoting clean energy, and improving public transport systems across member states.”

Final Answer: (c) C

Q9. Each question below has one blank, which is indicating that something has been omitted. Find out which option can be used to fill up the blank in the sentence to make it meaningfully complete.

The world’s most powerful super computer today can _____ 148,000 trillion operations in a second.

- (a) Rekindle
- (b) Wrecked
- (c) Affable
- (d) Perform
- (e) None of these.

Ans.(d)

Sol. The correct option is **(D) Perform.**

Solution & Explanation

The sentence talks about the processing capabilities of a supercomputer. A computer executes, carries out, or processes mathematical calculations or actions. The correct word to fit grammatically and contextually with "operations" is "**perform**" (to execute or carry out a task)

While the actual passage this sentence is derived from originally used the word "juggle" (as a stylistic choice), "**perform**" is the only grammatically correct and contextually appropriate option provided in the list.

Word Meanings & Explanations (with Hindi)

Correct Option:

- **(D) Perform**

- **English Meaning:** To carry out, accomplish, or execute a task or process.
- **Hindi Meaning:** निष्पादित करना / पूरा करना / काम करना
- *Context:* "Perform 148,000 trillion operations" means executing that many calculations.

Incorrect Options:

• **(A) Rekindle**

- **English Meaning:** To revive or restart something (like an interest, feeling, or a fire)
- **Hindi Meaning:** फिर से सुलगाना / पुनर्जीवित करना
- *Context:* Completely irrelevant to a computer processing data.

• **(B) Wrecked**

- **English Meaning:** Past tense of wreck; destroyed or severely damaged.
- **Hindi Meaning:** नष्ट किया हुआ / तबाह हो जाना
- *Context:* This is a past-tense verb/adjective and does not fit grammatically after the modal verb "can".

• **(C) Affable**

- **English Meaning:** Friendly, good-natured, or easy to talk to.
- **Hindi Meaning:** मिलनसार / सुशील
- *Context:* This is an adjective used to describe a person's behavior, making it incorrect here.

Q60. In the questions given below, there is a sentence in which one part is given in bold. The part given in bold may or may not be grammatically correct. Choose the best alternative among the five given options which can replace the part in bold to make the sentence grammatically correct.

Despite of tremendous changes in health systems over the last century, medical education curricula have remained mostly outdated.

- (a) Despite tremendous changes
- (b) In spite tremendous changes
- (c) Despite of tremendous change
- (d) Despite of tremendously changing
- (e) No replacement required

Ans.(a)

Sol. The mistake in the original sentence lies in the phrase "**Despite of**".

In English grammar, "**Despite**" should never be followed by the preposition "**of**". It is a common error because people confuse it with the phrase "**In spite of**", which carries the exact same meaning but *must* include "of".

- **Correct: Despite** tremendous changes...
- **Correct: In spite of** tremendous changes...
- **Incorrect:** ~~Despite of~~...

Option **(A)** correctly removes the word "of" while keeping the rest of the grammatically correct plural form "tremendous changes."

The Core Rule: "Despite" vs. "In Spite Of"

In English, both **despite** and **in spite of** are prepositions used to show contrast (meaning "के बावजूद" in Hindi) They function identically in a sentence, but their structural rules are strict:

1. Despite + Noun Phrase

- *Rule:* Never use the word "of" after despite.
- *Correct:* **Despite** the rain, we went out.
- *Incorrect:* ~~Despite of~~ the rain...

2. In spite of + Noun Phrase

- *Rule:* You must always include all three words: *in*, *spite*, and *of*.
- *Correct:* **In spite of** the rain, we went out.
- *Incorrect:* ~~In spite~~ the rain...

Why the error happens: Because both expressions mean the exact same thing, our brains accidentally blend them together into a non-existent hybrid phrase: ~~"Despite of"~~. This is one of the most frequently tested errors in competitive exams.

Analyzing the Options

(a) **Despite tremendous changes (Correct)**

- **Grammar Check:** It correctly removes the "of" following *despite*.
- **Structure:** Despite + tremendous (adjective) + changes (plural noun) This perfectly matches the plural context of modern healthcare systems.

(b) **In spite tremendous changes (Incorrect)**

- **Grammar Check:** It uses "In spite" but leaves out the mandatory preposition "**of**". To be correct, it would need to read: "*In spite of tremendous changes*".

(c) **Despite of tremendous change (Incorrect)**

- **Grammar Check:** It repeats the original error by keeping "**of**". Furthermore, it changes the plural noun "changes" to the singular "change," which weakens the context of centuries of evolution in health systems.

(d) **Despite of tremendously changing (Incorrect)**

- **Grammar Check:** It keeps the incorrect "**of**". It also swaps the clean adjective-noun structure (*tremendous changes*) for an awkward adverb-gerund structure (*tremendously changing*), making the phrase unnecessarily complicated and grammatically broken.

Q61. In the questions given below, there is a sentence in which one part is given in bold. The part given in bold may or may not be grammatically correct. Choose the best alternative among the five given options which can replace the part in bold to make the sentence grammatically correct.

Pakistan **will provide consular access to alleged** Indian spy Kulbhusan Jadhav next week, Pakistan's Ministry of Foreign Affairs announced on Sunday.

- (a) shall provide consular access to alleged
- (b) will provided consular access to alleged
- (c) will provide consular access to alleged
- (d) will provide consular access of alleged
- (e) No replacement required

Ans.(c)

Sol. The correct option is **(C) will provide consular access to alleged**.

Solution & Explanation

The original sentence contains a major grammatical error in the bolded part: "**consular access**".

- The word "**consular**" is an adjective used to describe things relating to a consul or embassy (e.g., *consular services*, *consular access*) There is no such word as "consular."

- The phrase "**consular access**" (काउन्सुलर एक्सेस / राजनयिक पहुंच) is a standard diplomatic and legal term that means a state's right to visit and communicate with its citizens detained or imprisoned in a foreign country.

Grammatical Breakdown of the Options

(c) will provide consular access to alleged (Correct)

- **Grammar Check:** It uses the correct future tense modal construction (will + base verb provide), fixes the adjective form to "**consular**", and uses the correct preposition "**to**" following "access" (you grant access to someone)

(a) shall provide consular access to alleged (Incorrect)

- **Why it's wrong:** It fails to fix the non-existent word "**consular**".

(b) will provided consular access to alleged (Incorrect)

- **Why it's wrong:** It violates the modal verb rule. A modal verb like will must always be followed by the base form of the verb (provide), never the past tense (provided)

(d) will provide consular access of alleged (Incorrect)

- **Why it's wrong:** It uses the wrong preposition "**of**". In English, we say "access **to** someone/something," not "access *of*."

Word Meanings & Explanations (with Hindi)

• Consular access

- **English Meaning:** The right of a foreign national to see and get help from the embassy officials of their own country while in a foreign jail.
- **Hindi Meaning:** राजनयिक पहुंच (दूतावास के अधिकारियों से मिलने की अनुमति)

• Alleged

- **English Meaning:** Accused or suspected of something, but not yet legally proven guilty.
- **Hindi Meaning:** कथित / आरोपी

Questions: {62-68}

Read the following passage and answer the following question.

A sense of fury and fear over energy prices that initially exploded in some countries are now playing out the world over. In the United States, average gasoline prices, which have jumped to \$5 per gallon, are burdening consumers and forcing an excruciating political calculus on the ruling party. Across the continent of Europe, countries are preparing blueprints for emergency rationing that involve caps on sales, reduced speed limits and lowered thermostats.

The invasion of Ukraine by Russia, the largest exporter of oil and gas to global markets, and the retaliatory sanctions that followed have caused gas and oil prices to gallop with an astounding ferocity. The unfolding **calamity** comes on top of two years of upheaval caused by the Covid-19 pandemic, off-and-on shutdowns and supply chain snarls.

As is usually the case with crises, the poorest and most vulnerable will feel the harshest effects. The International Energy Agency warned last month that higher energy prices have meant an additional 90 million people in Asia and Africa do not have access to electricity. Expensive energy radiates pain, contributing to high food prices, lowering standards of living and exposing millions to hunger. Steeper transportation costs increase the price of every item that is trucked, shipped or flown.

Same is the situation in the Philippines. The Philippines buys only a minuscule amount of oil from Russia. But the reality is that it doesn't really matter whom you buy your oil from — the price is set on the global

market. Everyone is bidding against everyone else, and no country is insulated, including the United States, the world's second largest oil producer after Saudi Arabia.

The dizzying spiral in gas and oil prices has spurred more investment in renewable energy sources like wind, solar and low-emission hydrogen. But if clean energy is getting an investment boost, so are fossil fuels. Last month, Premier Li Keqiang of China called for increased coal production to avoid power outages. Meanwhile, in Germany, coal plants that were slated for retirement are being refired to divert gas into storage supplies for the winter.

There is little relief in sight. "We will still see high and **volatile** energy prices in the years to come," said Fatih Birol, the executive director of the International Energy Agency. At this point, the only scenario in which fuel prices go down, Mr. Birol said, is a worldwide recession.

Q62. Which of the following statements is/are true according to the passage?

- (a) Asia and Africa are the most adversely affected by the limited availability of power.
- (b) The Philippines used to import only a small amount of fuel from Russia.
- (c) Saudi Arabia is the world's largest exporter of fuels.
- (d) Both (a) and (b)
- (e) All of these

Ans.(d)

Sol. The truth of option (a) can be verified by the lines in the third paragraph which state how the effects are even more dire in poorer countries, and how that comes to be. The first line of the fourth paragraph proves the validity of option (b) Option (c), however is wrong, as is proven by referring to the first line in the second paragraph, which goes "the invasion of Ukraine by Russia, the largest exporter of oil and gas to global markets..." Referring to the least line of the third paragraph, we see it is indirectly mentioned that Saudi Arabia is the largest producer. Thus, Saudi Arabia is established as the largest producer, not exporter of fuels.

Q63. Choose the word that is most similar in meaning to the highlighted word "**calamity**" as it is mentioned in the passage.

- (a) aid
- (b) crisis
- (c) utopia
- (d) empathy
- (e) support

Ans.(b)

Sol. calamity - an event causing great and often sudden damage or distress; a disaster

aid - help, typically of a practical nature

crisis - a time of intense difficulty or danger

utopia - an imagined place or state of things in which everything is perfect

empathy - the ability to understand and share the feelings of another

support - material assistance

Q64. Choose the word that is most opposite in meaning to the highlighted word "**volatile**" as it is mentioned in the passage.

- (a) fluctuating
- (b) strained

- (c) stable
- (d) fluid
- (e) variable

Ans.(c)

Sol. volatile – liable to change rapidly and unpredictably, especially for the worse
fluctuating – rising and falling irregularly in number or amount
strained – showing signs of nervous tension or tiredness
stable – not likely to change or fail; firmly established
fluid – not settled or stable; likely or able to change
variable – not consistent or having a fixed pattern; liable to change

Q65. Which of the following are contributory factors to the increase in gas and oil prices around the world?

- (a) Internal economic strain on Russia due to its invasion of Ukraine
- (b) Sanctions on Russian oil and gas
- (c) Disruptions due to pandemic
- (d) Both (b) and (c)
- (e) All of these

Ans.(d)

Sol. The validity of option (b) and (c) is justified by the entirety of the second passage, but we see that option (a) is nowhere mentioned to be a factor for the increase in prices of fuel. Thus, it is eliminated. Option (d) becomes the correct answer.

Q66. Which of the following are effects due to high gas prices?

- (a) People in poor countries have lost proper access to electricity.
- (b) Starvation is rampant among the people across the world.
- (c) Rising prices of commodities are causing political disruptions.
- (d) Both (a) and (b)
- (e) All of these

Ans.(e)

Sol. All of the given options are correct. Thus, option (e) is correct. For justification of options (a) and (b), refer to the third paragraph of the passage. To corroborate the truth of option (c), refer to the lines in the first paragraph which say, “In the United States, average gasoline prices, which have jumped to \$5 per gallon, are burdening consumers and forcing an excruciating political calculus on the ruling party.”

Q67. What is the point the author wants to make by the example of the Philippines?

- (a) Countries most dependent on Russia for fuel are most adversely affected by the sanctions on Russia.
- (b) Many countries did not have any prior backup options for procuring power sources.
- (c) Even the largest oil producers are affected by the restrictions and high taxes on Russian oil.
- (d) All countries irrespective of their sources of import of fuel face the consequences of the price rises.
- (e) Countries which produce their own oil are not affected by increase in gas prices all over the world.

Ans.(d)

Sol. The fourth paragraph speaks of how the Philippines is affected by the high prices of fuels as the effect does not depend on the volume of imports from Russia, but the global increasing cost of fuel due to limitation

of fuel. Thus, it is facing the same consequences as the rest of the world. Thus, option (d) is correct. All other options are wrong with regard to this fact.

Q68. How has the increase in limited availability of energy sources impacted the environment?

- (a) High prices of fuel have led to an overall decrease in carbon emissions.
- (b) Countries have switched to renewable sources of energy for their requirements.
- (c) Inflation as well as recession plague the majority of countries of the world.
- (d) Alternative sources of energy are being adopted, both, renewable and non-renewable.
- (e) Countries have subsided to using coal plants for their energy needs.

Ans.(d)

Sol. Among all the given option, only option (d) acts as a complete answer to the question. Options (b) and (e) are not sufficient in themselves to answer the question, and thus are eliminated. Option (a) is not mentioned anywhere in the passage as an advantage to the environment, and option (c) is not an effect to the environment, so not an answer to the question.

Q69. In the following question, a sentence is given with four bold words. The position of these words may be incorrect. Four options with different arrangements are provided. Mark your answer as the correct arrangement. If there is no rearrangement required, mark 'No rearrangement required' as your answer.

Cultural **diversity (A)** enriches societies by **understanding(B)** unique traditions, languages, and customs, **fostering (C)** tolerance and **celebrating (D)**

- (a) BDCA
- (b) CDAB
- (c) DBCA
- (d) ADCB
- (e) No rearrangement required

Ans.(d)

Sol. The correct option is **(D) ADCB.**

Solution & Explanation

Let's look at why the current arrangement is grammatically and contextually broken, and how to fix it:

- **The Error:** The original sentence ends abruptly with "**celebrating (D)**". Since "celebrating" is a transitive verb here, it needs an object—it leaves the reader asking, *celebrating what?*
- Conversely, look at part **(B) "understanding"**. The phrasing "enriches societies by understanding unique traditions..." is awkward because it is actually the *traditions* that are being celebrated and diversity that is being understood.
- **The Fix:** Swap **(B) understanding** and **(D) celebrating**.

If we switch their places, the final part of the sentence becomes "**...fostering (C) tolerance and understanding (B)**" This creates a perfectly balanced and common English idiom: "*fostering tolerance and understanding*" (सहिष्णुता और आपसी समझ को बढ़ावा देना)

Meanwhile, the first part now reads beautifully: "**Cultural diversity (A) enriches societies by celebrating (D) unique traditions...**"

By arranging the words in the order of **A - D - C - B**, we get a perfectly coherent sentence:

"Cultural diversity (A) enriches societies by celebrating (D) unique traditions, languages, and customs, fostering (C) tolerance and understanding (B)"

Word Meanings & Explanations (with Hindi)

• Cultural diversity (A)

- **English Meaning:** The existence of a variety of cultural or ethnic groups within a society.
- **Hindi Meaning:** सांस्कृतिक विविधता

• Celebrating (D)

- **English Meaning:** Honoring, praising, or publicly recognizing something significant.
- **Hindi Meaning:** उत्सव मनाना / सम्मान करना

• Fostering (C)

- **English Meaning:** Encouraging the development or growth of something good (like a feeling or idea)
- **Hindi Meaning:** बढ़ावा देना / विकसित करना

• Understanding (B)

- **English Meaning:** Sympathetic awareness, comprehension, or mutual agreement.
- **Hindi Meaning:** आपसी समझ / बोध

Q70. Read the sentence to find out whether there is any grammatical or idiomatic error in it. The error, if any, will be in one part of the sentence. The corresponding letter of that part is the answer. If the given sentence is correct as it is, then choose option 'No error' as the answer response. (Ignore errors of punctuation, if any)

As soon as the election results were announced, (A)/ the candidate said that he will (B)/ begin working on the promises (C)/ he made during the campaign (D)

- (a) A
- (b) B
- (c) C
- (d) D
- (e) No error

Ans.(b)

Sol.

Let's carefully check each part.

Sentence:

"As soon as the election results were announced, (A)/ the candidate said that he will (B)/ begin working on the promises (C)/ he made during the campaign (D)"

Part (A): "As soon as the election results were announced,"

- Correct past tense clause.
- Example: *As soon as the bell rang, students left the class.*

Part (B): "the candidate said that he will"

- **Error is here.**
- Rule: In **reported speech / indirect speech**, when the reporting verb (*said*) is in the **past tense**, the verb in the subordinate clause should also be shifted to the **past tense** (unless it refers to a universal truth or future still valid)
- Correct form: **"he would"** not **"he will."**
- Example: *She said that she would help me.*

Part (C): "begin working on the promises"

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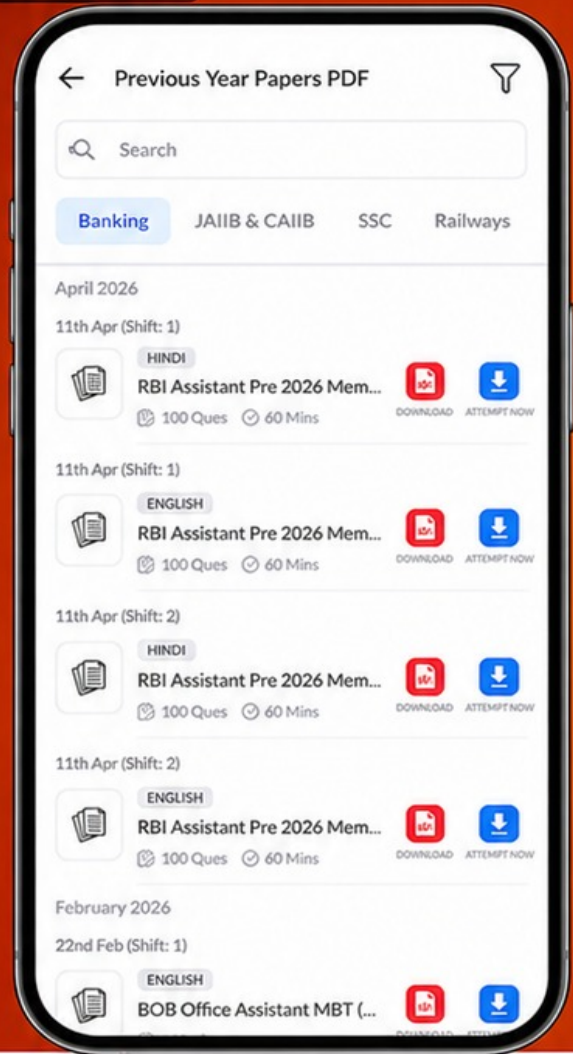
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- Correct infinitive structure.
 - Example: *He will begin working on his project tomorrow.*

Part (D): “he made during the campaign”

- Correct past tense relative clause.
- Example: *The speech he made yesterday was inspiring.*

Corrected Sentence:

“As soon as the election results were announced, the candidate said that he would begin working on the promises he made during the campaign.”

Final Answer: (b) B

