Delhi Police Constable Tier 1 Previous Year Question Paper Overview

Here, you can solve all the questions asked in Delhi Police Constable Tier 1 Previous Year Question Paper on 2020-12-14 in the Morning exam. The detailed solutions are also provided for every previous year question and some of these questions can be asked again in your Delhi Police Constable Tier 1 exam. There are 100 questions in the exam and 90 minutes are provided for the Delhi Police Constable Tier 1 exam. The Cutoff of the exam was 75 marks hence you should try to score at least 85 marks.

Delhi Police Constable Tier 1 Previous Year Question Paper : Questions and Solutions

Question 1 :
Which of the following keyboard shortcuts is used to open the 'Paste Special' dialogue box in MS Word 2010?

Difficulty : Moderate   **Average Time : 44 Seconds**

Options :
　1.　Ctrl + Alt + V
　2.　Ctrl + Shift + V
　3.　Ctrl + V
　4.　Ctrl + Alt + X

Solution :
The correct answer is **option 1** i.e. **Ctrl + Alt + V.**

Ctrl + Alt + V: Used to open the 'Paste Special' dialogue box in MS Word 2010.

Ctrl + Shift + V: Used to paste the selected formatting.

Ctrl + V: Used to paste the contents of the Clipboard.

Question 2 :
_____ is an information space on the internet where documents and other resources are stored.

Difficulty : Moderate   **Average Time : 47 Seconds**

Options :

World Wide Web

2. Protocol

3. Web browser

4. File Explorer

Solution :

The correct answer is **option 1** i.e. **World Wide Web.**

World Wide Web is an information space on the internet where documents and other resources are stored.

It allows documents and other web resources to be accessed over the Internet according to specific rules of the Hypertext Transfer Protocol (HTTP).

Question 3 :

Which of the following functions is used to display only the current system date in MS Excel 2010?

Difficulty : Moderate   **Average Time : 46 Seconds**

Options :

1. Date()

2. Today()

3. Time()

4. Now()

Solution :

The correct answer is **option 2** i.e. **Today().**

Today() function: Used to display the current system date in MS Excel 2010.

Date() function: Used to return the sequential serial number that represents a particular date.

Time() function: Used to return the decimal number for a particular time.

Now() function: Used to return the current system date and time.

Question 4 :

Many email systems use _____ protocol to send messages from one server to another server.

Difficulty : Moderate   **Average Time : 50 Seconds**

Options :

   HTTP

2. ARP

3. ICMP

4. SMTP

Solution :

The correct answer is **option 4** i.e. **SMTP.**

Many email systems use **SMTP** protocol to send messages from one server to another server.

SMTP: Simple Mail Transfer Protocol

It is an application that sends, receives, and relays email.

Use TCP on port 25 or 587.

It uses a client-server model.

Question 5 :
Who among the following is the communication channel between the Council of Ministers and the President of India?

Difficulty : Moderate   **Average Time : 47 Seconds**

Options :
1. Speaker of the Lok Sabha

2. The Vice-President

3. The Prime Minister

4. Chairman of the Rajya Sabha

Solution :

The correct answer is **option 3** i.e. **The Prime Minister.**

- The communication channel between the Council of Ministers and the President of India is primarily the Prime Minister of India.
- The Prime Minister acts as the intermediary between the Council of Ministers and the President and is responsible for advising the President on the decisions and actions of the Cabinet.
- The President, as the constitutional head of state, generally acts on the advice of the Council of Ministers, and the Prime Minister plays a crucial role in conveying this advice and facilitating communication between the executive and the head of state.

Question 6 :

Garia Puja is a festival celebrated in the third week of April. This festival is related to which of the following states?

Difficulty : Moderate   **Average Time : 63 Seconds**

Options :

1. Madhya Pradesh

2. Tripura

3. Punjab

4. Arunachal Pradesh

Solution :

The correct answer is **option 2** i.e. **Tripura.**

- Garia Puja is a traditional festival celebrated primarily in the Indian state of Tripura.
- It is a significant cultural and religious event for the Tripuri community in Tripura and is held in the third week of April each year.
- The festival involves various rituals, dances, and celebrations to seek the blessings of the deities for a good harvest and overall well-being.
- Garia Puja reflects the rich cultural heritage of Tripura and is an important part of the state's cultural identity.

Question 7 :

Pyorrhoea is a _____ infection, which affects the gum tissues and if left untreated, it often leads to subsequent loss of teeth.

Difficulty : Moderate   **Average Time : 58 Seconds**

Options :

1. viral

2. bacterial

3. fungal

4. parasitic

Solution :

The correct answer is **option 2** i.e. **bacterial**

- Pyorrhea, also known as periodontal disease, is a bacterial infection that affects the gum tissues and the surrounding structures that support the teeth.

If left untreated, it can lead to the loss of teeth due to the destruction of the gums and bone that hold the teeth in place.

- It is essential to address periodontal disease through proper dental care and treatment to prevent tooth loss and maintain good oral health.

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Question 8 :

Mallikarjuna and the Virupaksha temples at Pattadakal were built by the two queens of King Vikramaditya II, to commemorate the victory of the Chalukyas over the:

Difficulty : Moderate   **Average Time : 56 Seconds**

Options :

1. Guptas

2. Mauryas

3. Pallavas

4. Pandavas

Solution :

The correct answer is **option 3** i.e. **Pallavas.**

- The Mallikarjuna and Virupaksha temples at Pattadakal in Karnataka, India, were built by the two queens of King Vikramaditya II of the Chalukya dynasty.
- These temples were constructed to commemorate the victory of the Chalukyas over the Pallavas, a rival dynasty in South India, in the 8th century.
- The Chalukya dynasty's rule in the Deccan region was marked by significant architectural and artistic achievements, and the temples at Pattadakal are notable examples of their contributions to Indian temple architecture.

Question 9 :

Who among the following can appoint the Comptroller and Auditor General of India?

Difficulty : Moderate   **Average Time : 54 Seconds**

Options :

1. The Prime Minister

2. The Chief Justice of the Supreme Court

3. The Vice President

The President

Solution :
The correct answer is **option 4** i.e. **The President**

- The Comptroller and Auditor General (CAG) of India is appointed by the President of India.
- The appointment of the CAG is made following a recommendation from the Union Public Service Commission (UPSC).
- The CAG is an independent constitutional authority responsible for auditing government accounts and ensuring transparency and accountability in financial matters related to the government.

Question 10 :
An EEG is a test used to evaluate the electrical activity in the brain. Select the full form of EEG.

Difficulty : Moderate   Average Time : 53 Seconds

Options :
1. Electroepilepsygraph
2. Electroencephalogram
3. Electroessentialgraphy
4. Electroeccentricgraphy

Solution :
The correct answer is **option 2** i.e. **Electroencephalogram.**

- The full form of EEG is "Electroencephalogram."
- An EEG is a medical test that records and evaluates the electrical activity in the brain by placing electrodes on the scalp.
- It is a valuable tool for diagnosing various neurological conditions and disorders, including epilepsy, sleep disorders, and brain injuries.

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Question 11 :
Ringworm is a common skin infection caused by:

Difficulty : Moderate   Average Time : 46 Seconds

Options :
1. virus

     fungus

3. bacteria

4. protozoa

Solution :

The correct answer is **Option 2** i.e. **fungus**

- Ringworm is a common skin infection caused by a group of fungi known as dermatophytes.
- These fungi can infect the skin, scalp, nails, or other parts of the body and are responsible for the characteristic circular, ring-like rash that gives the infection its name.
- Ringworm is a contagious condition and can spread through direct or indirect contact with an infected person or contaminated items.
- It is usually treated with antifungal medications.

Question 12 :

Who among the following was appointed as the first Law Minister of Independent India in 1947?

Difficulty : Moderate   **Average Time : 53 Seconds**

Options :

1. Dr. BR Ambedkar

2. Lokmanya Tilak

3. Sardar Vallabhbhai Patel

4. Lal Bahadur Shastri

Solution :

The correct answer is **option 1** i.e. **Dr. BR Ambedkar.**

- Dr. B.R. Ambedkar was appointed as the first Law Minister of Independent India in 1947.
- Dr. Ambedkar was a prominent jurist, social reformer, and the principal architect of the Indian Constitution.
- As the Law Minister, he played a crucial role in drafting and shaping the legal framework of the newly independent nation.
- His contributions to the legal and constitutional development of India are highly significant.

Question 13 :

_____ is the integrated approach to study soil as a collection of natural bodies.

Difficulty : Moderate   **Average Time : 53 Seconds**

Options :

1. Pedology
2. Ecology
3. Serology
4. Oenology

Solution :

The correct answer is **option 1** i.e. **Pedology.**

- Pedology is the integrated approach to study soil as a collection of natural bodies.
- It is a branch of soil science that focuses on understanding the formation, classification, and mapping of soils, as well as their physical, chemical, and biological properties.
- Pedologists study how soils develop, their composition, and how they interact with the environment, which is important for agriculture, ecology, and land use planning.

Question 14 :

Who among the following was the first female Indian Police Service (IPS) Officer?

Difficulty : Moderate   **Average Time : 50 Seconds**

Options :

1. Kiran Bedi
2. Saina Bedi
3. Prem Mathur
4. Vimla Mehra

Solution :

The correct answer is **option 1** i.e. **Kiran Bedi.**

- The first female Indian Police Service (IPS) Officer was Kiran Bedi.
- She joined the IPS in 1972 and went on to have a distinguished career in law enforcement.
- Kiran Bedi is known for her pioneering work in various roles, including as the Inspector General of Prisons in Tihar Jail, Delhi, where she introduced significant reforms in the prison system.
- Her contributions to the field of policing and social reform have earned her recognition and respect both in India and internationally.

Question 15 :

NSSO is an organisation under the Ministry of Statistics of the Government of India. What is the full form of NSSO?

Difficulty : Moderate

Average Time : 58 Seconds

Options :

1. National Statistics Survey Office
2. National Sample Survey Office
3. National Social Survey Office
4. National Social Statistics Office

Solution :

The correct answer is **option 2** i.e. **National Sample Survey Office.**

- The full form of NSSO is the "National Sample Survey Office."
- It is an organization under the Ministry of Statistics and Programme Implementation of the Government of India.
- The NSSO is responsible for conducting various sample surveys and collecting statistical data on a wide range of socio-economic and demographic aspects of the Indian population.
- These surveys and data collection activities play a crucial role in informing government policies and development planning in India.

Question 16 :

Which of the following metals has the highest conductivity of all the metals?

Difficulty : Moderate

Average Time : 57 Seconds

Options :

1. Aluminium
2. Iron
3. Silver
4. Steel

Solution :

The correct answer is **Option 3** i.e. **Silver**

- Silver has the highest electrical conductivity of all the metals.
- It is an excellent conductor of electricity, which makes it widely used in various electrical and electronic applications, including electrical wiring, connectors, and in the manufacturing of high-performance electrical components.

Question 17 :

Which of the following Schedules of the Constitution of India embodies three lists: Union, State and Concurrent?

Difficulty : Moderate

Average Time : 45 Seconds

Options :

1. Second

2. Ninth

3. Sixth

4. Seventh

Solution :

The correct answer is **Option 4** i.e. **Seventh**

- The Seventh Schedule of the Constitution of India embodies three lists: Union List, State List, and Concurrent List.
- These lists specify the distribution of legislative powers between the central government (Union), the state governments, and both the central and state governments simultaneously.
- The Union List contains subjects on which only the central government can legislate, the State List contains subjects on which only state governments can legislate, and the Concurrent List contains subjects on which both the central and state governments can legislate, although in case of a conflict, the central law usually prevails.

Question 18 :
Who was appointed as the 'Goodwill Ambassador to the Poor' for UNADAP (United Nations Association for Development And Peace) in June 2020?

Difficulty : Moderate

Average Time : 61 Seconds

Options :

1. Alia Bhatt

2. Ayushmann Khurrana

3. Ashok Amritraj

4. Nethra Mohandass

Solution :

The correct answer is **option 4** i.e. **Nethra Mohandass.**

- In June 2020, Nethra Mohandas was appointed as the 'Goodwill Ambassador to the Poor' for UNADAP (United Nations Association for Development And Peace).
- Nethra Mohandas is a young Indian social activist who has been actively working on various humanitarian and developmental issues.

Question 19 :
The Chola dynasty was founded by which of the following rulers?

Difficulty : Moderate   **Average Time : 44 Seconds**

Options :

1. Rajaraja Chola

2. Aditya I

3. Vijayalaya Chola

4. Rajendra Chola I

Solution :

The correct answer is **Option 3** i.e. **Vijayalaya Chola**

- The Chola dynasty was founded by Vijayalaya Chola.
- He is considered the first ruler of the Chola dynasty and established it in the 9th century in the southern region of India, primarily in the present-day state of Tamil Nadu.
- The Cholas went on to become a powerful and influential dynasty in South India, with a significant impact on the cultural, political, and architectural history of the region.

Question 20 :
An extensive elevated area of relatively flat land is called:

Difficulty : Moderate   **Average Time : 52 Seconds**

Options :

1. plateau

2. glacier

3. mountain

4. lagoon

Solution :

The correct answer is **Option 1** i.e. **plateau**

- An extensive elevated area of relatively flat land is called a "plateau."
- Plateaus are elevated landforms with relatively flat or gently sloping surfaces.
- They are often characterized by steep sides or cliffs, which can be the result of geological processes like erosion, volcanic activity, or tectonic forces.

Plateaus can vary in size and elevation and are found in various parts of the world, serving as important geographical features with unique ecosystems and landscapes.

Question 21 :

Who among the following was conferred the Indira Gandhi Peace Prize 2020 by former Prime Minister Manmohan Singh?

Difficulty : Moderate   Average Time : 55 Seconds

Options :

1. Jeff Corwin

2. Richard Attenborough

3. George Page

4. David Attenborough

Solution :

The correct answer is **option 4** i.e. **David Attenborough**

- The Indira Gandhi Peace Prize for the year 2020 was awarded to Sir David Attenborough.
- This prestigious award was conferred on him by former Prime Minister Manmohan Singh in recognition of his exceptional contributions to the conservation of nature and the environment through his extensive work as a broadcaster, natural historian, and documentary filmmaker.
- Sir David Attenborough is known worldwide for his efforts to raise awareness about environmental issues and biodiversity conservation.

Question 22 :

To accelerate the efforts to achieve universal sanitation coverage and to put focus on sanitation, when did the Prime Minister of India launch the Swachh Bharat Mission?

Difficulty : Moderate   Average Time : 57 Seconds

Options :

1. 15 August 2016

2. 14 November 2015

3. 26 January 2014

4. 2 October 2014

Solution :

The correct answer is **option 4** i.e. **2 October 2014.**

The Prime Minister of India, Narendra Modi, launched the Swachh Bharat Mission on October 2, 2014.

- This ambitious nationwide campaign aimed to accelerate efforts to achieve universal sanitation coverage, promote cleanliness, and eliminate open defecation in India.
- The mission has played a significant role in improving sanitation and hygiene practices across the country.

Question 23 :

Who among the following film personalities was roped in as UNICEF's Indian celebrity advocate for children's rights campaign in September 2020?

Difficulty : Moderate   **Average Time : 50 Seconds**

Options :

1. Amitabh Bachchan

2. Salman Khan

3. Ranbir Kapoor

4. Ayushmann Khurrana

Solution :

The correct answer is **option 4** i.e. **Ayushmann Khurrana.**

- In September 2020, the film personality and Bollywood actor Ayushmann Khurrana was appointed as UNICEF's Indian celebrity advocate for the Children's Rights campaign.
- UNICEF, the United Nations Children's Fund, works with celebrity advocates to raise awareness and support for children's rights and various humanitarian issues around the world.
- Ayushmann Khurrana's role as a celebrity advocate aimed to contribute to efforts to improve the well-being and rights of children in India.

Question 24 :

_____ is the harvest festival celebrated on the 13th or 14th of April in Punjab every year and it marks the birth of the Khalsa Panth of the Sikh community.

Difficulty : Moderate   **Average Time : 58 Seconds**

Options :

1. Hola Mohalla

2. Lohri

3. Karva Chauth

Baisakhi

Solution :

The correct answer is **option 4** i.e. **Baisakhi.**

- The festival celebrated on the 13th or 14th of April in Punjab every year that marks the birth of the Khalsa Panth of the Sikh community is called "Vaisakhi" or "Baisakhi."
- It is a significant and joyous harvest festival in Punjab and holds special religious importance for Sikhs, as it also commemorates the formation of the Khalsa by Guru Gobind Singh in 1699.

Question 25 :

In which of the following cities are the marble carved Dilwara Jain Temples located that enshrine various Jain 'Tirthankaras'?

Difficulty : Moderate   **Average Time : 53 Seconds**

Options :

1. Jaipur

2. Pune

3. Mount Abu

4. Shimla

Solution :

The correct answer is **Option 3** i.e. **Mount Abu**

- The marble-carved Dilwara Jain Temples are located in Mount Abu, a hill station in the state of Rajasthan, India.
- These temples are renowned for their intricate and exquisite marble craftsmanship and enshrine various Jain Tirthankaras (spiritual leaders).
- The Dilwara Jain Temples are considered among the most beautiful and architecturally significant Jain temples in the world, attracting visitors and pilgrims from all over.

Question 26 :

The Kisan Credit Card Scheme was introduced in which year by Indian banks?

Difficulty : Moderate   **Average Time : 50 Seconds**

Options :

1. 2001

2. 1996

1994

4. 1998

Solution :

The correct answer is **option 4** i.e. **1998.**

- The Kisan Credit Card (KCC) Scheme was introduced by Indian banks in the year 1998.
- This scheme was launched to provide affordable and timely credit to farmers in India for their agricultural and related activities.
- The Kisan Credit Card simplifies the loan disbursal process and provides farmers with easy access to credit, helping them meet their agricultural needs more efficiently.

Question 27 :

_____ is an official enumeration of the population from time to time.

Difficulty : Moderate   **Average Time : 47 Seconds**

Options :

1. Draft

2. Clause

3. Record

4. Census

Solution :

The correct answer is **option 4** i.e. **Census**

- An official census of the population conducted from time to time is commonly referred to as a "decennial census."
- This type of census is conducted every ten years and aims to collect comprehensive and accurate demographic data about a country's population.
- Decennial censuses are essential for government planning, resource allocation, and policy formulation.
- Many countries, including the United States and India, conduct decennial censuses to gather information on population size, age distribution, ethnicity, housing, and various other demographic factors.
- These censuses help governments make informed decisions and understand the changing dynamics of their populations.

Question 28 :

The First Backward Classes Commission was chaired by:

Difficulty : Moderate   **Average Time : 58 Seconds**

Options :

1. V.P. Singh

2. PG Shah

3. Kaka Kalelkar

4. Anup Singh

Solution :

The correct answer is **option 3** i.e. **Kaka Kalelkar.**

- The First Backward Classes Commission, also known as the Kaka Kalelkar Commission, was chaired by Kaka Kalelkar.
- This commission was established in 1953 to identify and recommend measures for the upliftment and socio-economic development of backward classes in India.
- Its recommendations played a significant role in shaping policies related to reservation and affirmative action for socially and educationally backward communities in the country.

Question 29 :

IFTAS (Indian Financial Technology and Allied Services) is a wholly owned subsidiary of which of the following banks?

Difficulty : Moderate   **Average Time : 52 Seconds**

Options :

1. SBI

2. RBI

3. IMF

4. ICICI

Solution :

The correct answer is **option 2** i.e. **RBI**

- IFTAS (Indian Financial Technology and Allied Services) is a wholly owned subsidiary of the Reserve Bank of India (RBI), which is the central bank of India.
- IFTAS was established to provide technology-related services and solutions to the banking and financial sector in India, including the RBI and other banks.
- It plays a vital role in enhancing the technological infrastructure and capabilities of the Indian banking system.

Question 30 :

Which of the following is a brackish water lake and shallow lagoon with estuarine character spread across the districts of

Odisha?

Difficulty : Moderate   **Average Time : 53 Seconds**

Options :

1. Chilika Lake

2. Pichola Lake

3. Wular Lake

4. Upper Lake

Solution :

The correct answer is **option 1** i.e. **Chilika Lake.**

- Chilika Lake is a brackish water lake and shallow lagoon with estuarine character spread across the districts of Odisha in India.
- It is the largest coastal lagoon in India and the second-largest in the world.
- Chilika Lake is known for its rich biodiversity, including numerous species of birds, fish, and other wildlife, making it an ecologically significant and environmentally important area in the region.

Question 31 :

In which year was the Ilbert Bill proposed?

Difficulty : Moderate   **Average Time : 50 Seconds**

Options :

1. 1891

2. 1883

3. 1873

4. 1879

Solution :

The correct answer is **option 2** i.e. **1883.**

- The Ilbert Bill was proposed in 1883 during British colonial rule in India.
- It was named after its proposer, Sir Courtenay Peregrine Ilbert, who was a British civil servant.
- The bill aimed to grant Indian judges the authority to preside over cases involving British subjects in India.
- However, it faced significant opposition from British officials and settlers who opposed the idea of Indian judges having equal jurisdiction over them.

Ultimately, the bill was significantly amended before being enacted as the Indian Criminal Procedure Code Amendment Act, 1884, which still fell short of providing full equality in the legal system.

Question 32 :

Hojagiri dance is a tribal dance form of the Reang community associated with which of the following states/union territories?

Difficulty : Moderate   Average Time : 60 Seconds

Options :

1. Tripura

2. Assam

3. Puducherry

4. West Bengal

Solution :

The correct answer is **option 1** i.e. **Tripura.**

- The Hojagiri dance is a tribal dance form associated with the Reang community, and it is performed in the Indian state of Tripura.
- The Reang community, also known as the Bru community, is primarily found in the northeastern region of India, particularly in the state of Tripura.
- The Hojagiri dance is an important cultural expression of their traditions and is often performed during various festivals and celebrations.

Question 33 :

Which Articles of the Indian Constitution were amended by the Constitution (One Hundred and Third Amendment) Act, 2019?

Difficulty : Moderate   Average Time : 53 Seconds

Options :

1. Article 14 and Article 15

2. Article 17 and Article 18

3. Article 16 and Article 17

4. Article 15 and Article 16

Solution :

The correct answer is **option 4** i.e. **Article 15 and Article 16**

- The Constitution (One Hundred and Third Amendment) Act, 2019, amended Articles 15 and 16 of the Indian Constitution.
- This amendment provided for the reservation of seats for economically weaker sections (EWS) in educational institutions and public employment.
- It introduced a 10% quota for EWS in addition to the existing reservations for Scheduled Castes, Scheduled Tribes, and Other Backward Classes (OBCs) in India.
- This amendment aimed to promote social and educational advancement among economically disadvantaged sections of society.

Question 34 :

Who authored the epic 'Gita Rahasya' while in prison?

Difficulty : Moderate   **Average Time : 55 Seconds**

Options :

1. VD Savarkar

2. Lokmanya Tilak

3. Jawaharlal Nehru

4. Bhagat Singh

Solution :

The correct answer is **Option 2** i.e. **Lokmanya Tilak**

- The freedom fighter who wrote the epic "Gita Rahasya" in jail was Lokmanya Bal Gangadhar Tilak.
- This work is a philosophical commentary on the Bhagavad Gita and was written by Tilak while he was imprisoned during the British colonial period in India.
- It is considered one of his significant contributions to the Indian independence movement and his interpretation of the Gita's teachings influenced many during that era.

Question 35 :

In which of the following countries is the headquarters of ICC (International Cricket Council) situated?

Difficulty : Moderate   **Average Time : 54 Seconds**

Options :

1. UK

New Zealand

3. Australia

4. UAE

Solution :

The correct answer is **Option 4** i.e. **UAE**

- The headquarters of the International Cricket Council (ICC) is situated in the United Arab Emirates (UAE).
- Specifically, it is located in the city of Dubai.
- The ICC is the governing body for international cricket and oversees the sport's administration, development, and promotion worldwide.

Question 36 :

According to Article 112 of the Constitution of India, the Union _____of a year is a statement of the estimated receipts and expenditure of the Government for that particular year.

Difficulty : Moderate   **Average Time : 50 Seconds**

Options :

1. Investment

2. Capital

3. Budget

4. Revenue

Solution :

The correct answer is **option 3** i.e. **Budget**

- According to Article 112 of the Constitution of India, the Union Budget of a year is a statement of the estimated receipts and expenditure of the Government for that particular year.
- The Union Budget is presented annually in the Indian Parliament by the Finance Minister and outlines the government's fiscal policies and allocation of funds for various programs and projects.

Question 37 :

Who founded the Harijan Sevak Sangh in 1932?

Difficulty : Moderate   **Average Time : 47 Seconds**

Options :

Maharshi V.R. Shinde

2. Mahatma Gandhi

3. B.R. Ambedkar

4. Swami Vivekanand

Solution :

The correct answer is **Option 2** i.e. **Mahatma Gandhi**

- Mahatma Gandhi founded the Harijan Sevak Sangh in 1932.
- This organization was established with the aim of improving the socio-economic and educational status of the Dalits, who were formerly known as Harijans or "Children of God" as per Gandhi's terminology.
- Gandhi was a strong advocate for the rights and welfare of the Dalit community and worked towards their upliftment throughout his life.
- The Harijan Sevak Sangh played a crucial role in carrying out these initiatives.

Question 38 :

The prize money for the Arjuna Award has been enhanced from â‚¹5 lakh to _____ in 2020.

Difficulty : Moderate   **Average Time : 58 Seconds**

Options :

1. â‚¹15 lakh

2. â‚¹10 lakh

3. â‚¹20 lakh

4. â‚¹25 lakh

Solution :

The correct answer is **option 1** i.e. **â‚¹15 lakh**

- The prize money for the Arjuna Award was enhanced from â‚¹5 lakh to â‚¹15 lakh in 2020.
- This increase was aimed at recognizing and rewarding the achievements of Indian athletes in various sports disciplines.

Question 39 :

Who had led the Aligarh Movement?

Difficulty : Moderate

Average Time : 39 Seconds

Options :

1. Abul Kalam Azad

2. Muhammad Iqbal

3. Syed Ahmad Khan

4. Muhammad Ali Jinnah

Solution :

The correct answer is **Option 3** i.e. **Syed Ahmad Khan**

- The Aligarh Movement was led by Sir Syed Ahmed Khan.
- He was a prominent Muslim scholar and reformer in 19th-century India who founded the Aligarh Muslim University and played a significant role in advocating for modern education and socio-economic reforms among the Muslim community.
- His efforts were aimed at improving the educational and social status of Muslims in India during a period of significant social and political change.

Question 40 :

The first Finance Minister of Independent India was ....

Difficulty : Moderate

Average Time : 52 Seconds

Options :

1. Abdul Kalam Azad

2. R.K. Shanmukham Chetty

3. Rajendra Prasad

4. B.R. Ambedkar

Solution :

The correct answer is **Option 2** i.e. **RK Shanmukham Chetty**

- The first Finance Minister of Independent India was R. K. Shanmukham Chetty.
- He served in this position from 1947 to 1948 and played a crucial role in shaping India's economic policies during its early years after gaining independence from British colonial rule.

Question 41 :

Neyyar Dam is a gravity dam on the Neyyar River of which of the following states?

Difficulty : Moderate

Average Time : 47 Seconds

Options :

1. West Bengal
2. Odisha
3. Kerala
4. Karnataka

Solution :

The correct answer is **option 3** i.e. **Kerala.**

- Neyyar Dam is a gravity dam located in the state of Kerala, India.
- It is built on the Neyyar River, which flows through the southern part of Kerala.
- The dam is an important part of the Neyyar Dam Wildlife Sanctuary and also serves as a source of water for irrigation and drinking purposes in the region.

Question 42 :
Who among the following is the Captain of Kings XI Punjab for IPL 2020?

Difficulty : Moderate

Average Time : 48 Seconds

Options :

1. KL Rahul
2. Glenn Maxwell
3. Chris Gayle
4. Mohammed Shami

Solution :

The correct answer is **option 1** i.e. **KL Rahul.**

- For the 2020 Indian Premier League (IPL) season, Kings XI Punjab (now known as Punjab Kings) was captained by KL Rahul.
- KL Rahul is an accomplished Indian cricketer and a key player for the team.

Question 43 :
Who among the following film personalities became the Chairman of NSD (National School of Drama) in September 2020?

Difficulty : Moderate

Average Time : 44 Seconds

Options :

1. Rajpal Yadav
2. Naseeruddin Shah
3. Anupam Kher
4. Paresh Rawal

Solution :

The correct answer is **option 4** i.e. **Paresh Rawal.**

- In September 2020, the renowned film and theater personality Paresh Rawal was appointed as the Chairman of the National School of Drama (NSD), India's premier theater training institution.
- Paresh Rawal is a respected actor in both Bollywood and Indian theater and has made significant contributions to the world of performing arts.

Question 44 :

In which of the following islands is India's only active volcano found?

Difficulty : Moderate

Average Time : 48 Seconds

Options :

1. Divar Island
2. Neil Island
3. Barren Island
4. Agatti Island

Solution :

The correct answer is **option 3** i.e. **Barren IslandBarren Island.**

- India's only active volcano is found in the Andaman and Nicobar Islands.
- Specifically, it is located on Barren Island, which is part of the Andaman Islands group.
- This active volcano periodically erupts, making it a unique geological feature in India.

Question 45 :

Which of the following economic schemes is an initiative designed for non-corporate, non-farm sector, micro and small enterprises whose credit needs are less than â,¹10 lakh?

Difficulty : Moderate

Average Time : 49 Seconds

Options :

1. National Social Assistance Scheme

2. Pradhan Mantri Mudra Yojana

3. Sukanya Samriddhi Yojana

4. National Health Insurance Scheme

Solution :

The correct answer is **option 2** i.e. **Pradhan Mantri Mudra Yojana**

- The economic scheme designed for non-corporate, non-farm sector, micro, and small enterprises with credit needs less than â‚10 lakh in India is known as the "Pradhan Mantri MUDRA Yojana" (PMMY).
- This scheme was launched to provide financial support to small businesses, entrepreneurs, and individuals seeking to start or expand micro-enterprises.
- MUDRA stands for "Micro Units Development and Refinance Agency," and it offers loans under various categories to promote entrepreneurship and employment generation in the country.

Question 46 :

Rajgir Dance Festival attests to the wide popularity of classical dances related to which of the following states/union territories?

Difficulty : Moderate

Average Time : 60 Seconds

Options :

1. Lakshadweep

2. Goa

3. Bihar

4. Madhya Pradesh

Solution :

The correct answer is **Option 3** i.e. **Bihar**

- The Rajgir Dance Festival showcases the wide popularity of classical dances related to the state of Bihar in India.
- This festival celebrates various classical dance forms from Bihar and other parts of India and is held in the historic town of Rajgir, which has significant cultural and historical importance.

It provides a platform for artists to perform and promote the rich heritage of classical dance forms, making it an integral part of Bihar's cultural landscape.

Question 47 :
How many countries are member countries of the Asian Development Bank (ADB)?

Difficulty : Moderate   Average Time : 53 Seconds

Options :
1. 78
2. 94
3. 103
4. 68

Solution :
The correct answer is **Option 4** i.e. **68**

- The Asian Development Bank (ADB) had 68 member countries.
- From 31 members at its establishment in 1966, ADB has grown to encompass 68 members of which 49 are from within Asia and the Pacific and 19 outside.
- During the 1960s, ADB focused much of its assistance on food production and rural development.

Question 48 :
NEFT is the system in which the transactions received up to a particular time are processed in batches. What does NEFT stand for?

Difficulty : Moderate   Average Time : 47 Seconds

Options :
1. National Economic Funds Transaction
2. National Electronic Funds Transfer
3. National Electronic Funds Transaction
4. National Economic Financial Transfers

Solution :
The correct answer is **option 2** i.e. **National Electronic Funds Transfer.**

- NEFT, or National Electronic Funds Transfer, is a prominent electronic payment system in India. It facilitates secure

and efficient interbank transactions.

- In NEFT, financial institutions accumulate transactions received within specific timeframes, processing them in batches at scheduled intervals during the day.
- This batch processing system is cost-effective and well-suited for various types of fund transfers, including retail and corporate payments.
- NEFT has gained immense popularity due to its convenience, reliability, and widespread accessibility.
- It plays a pivotal role in modernizing India's payment infrastructure, offering a seamless way for individuals and businesses to transfer money electronically across the country.

Question 49 :

Who among the following cricketers won the Rajiv Gandhi Khel Ratna Award 2020?

Difficulty : Moderate   Average Time : 65 Seconds

Options :

1. Virat Kohli

2. Suresh Raina

3. Rohit Sharma

4. Shikhar Dhawan

Solution :

The correct answer is **option 3** i.e. **Rohit Sharma.**

- In 2020, Rohit Sharma prominent Indian cricketers, were conferred with the Rajiv Gandhi Khel Ratna Award.
- Virat kohli, Suresh Raina did not receive this particular award in that year.
- The Rajiv Gandhi Khel Ratna is India's highest sporting honor, recognizing outstanding achievements in the field of sports, and Rohit Sharma was recognized for their exceptional contributions to cricket

Question 50 :

When was the Delhi Sultanate established?

Difficulty : Moderate   Average Time : 48 Seconds

Options :

1. 1289

2. 1206

3. 1534

1134

Solution :

The correct answer is **Option 2** i.e. **1206**

- The Delhi Sultanate was established in the year 1206 when Qutb al-Din Aibak, a Turkic military commander, seized control of Delhi following the death of the last Hindu ruler of the Chahamana dynasty.
- This marked the beginning of Muslim rule in northern India, and the Delhi Sultanate went on to become a significant medieval Indian empire, with various dynasties ruling over it until the Mughal Empire's rise in the 16th century.
- The establishment of the Delhi Sultanate had a profound impact on India's political, cultural, and architectural landscape during the medieval period.

Question 51 :

Anil Kishora is the Vice President and CRO (Chief Risk Officer) of which of the following banks?

Difficulty : Moderate   **Average Time : 58 Seconds**

Options :

1. NDB (New Development Bank)

2. HDFC Bank

3. World Bank

4. SBI (State Bank of India)

Solution :

The correct answer is **option 1** i.e. **NDB (New Development Bank)**

- The New Development Bank is usually referred to as the BRICS (Brazil, Russia, India, China, South Africa) bank.
- The shares of the bank are equally distributed among the members.
- Brazil, Russia, India, China, and South Africa hold 20% of the shares of the bank. 25% of the bank loan go for water and sanitation projects, 24% for Transport projects, 30% for energy projects.
- NDB is headquartered in Shanghai.
- During the Sixth BRICS Summit in Fortaleza (2014) the leaders signed the Agreement establishing the New Development Bank (NDB).

Question 52 :

Which are trees that grow needles instead of leaves and cones instead of flowers?

Difficulty : Moderate   **Average Time : 59 Seconds**

Options :

temperate grasslands

2. temperate rainforests

3. Coniferous evergreen forests

4. temperate deciduous forests

Solution :

The correct answer is **Option 3** i.e. **Coniferous evergreen forests**

- Trees that grow needles instead of leaves and cones instead of flowers are typically referred to as "coniferous trees" or "evergreen trees."
- These trees are characterized by their needle-like or scale-like leaves, which are adapted to conserve water and withstand harsh environmental conditions.
- Conifers produce cones instead of traditional flowers for reproduction, and their seeds are typically found within these cones.
- Examples of coniferous trees include pine, spruce, fir, cedar, and cypress, among others.
- They are commonly found in regions with cold or temperate climates and are known for retaining their green foliage throughout the year.

Question 53 :

Sheesh Mahal or the Palace of Mirrors, built by Maharaja Narinder Singh, is located in which of the following cities?

Difficulty : Moderate   **Average Time : 65 Seconds**

Options :

1. Batala

2. Amritsar

3. Jalandhar

4. Patiala

Solution :

The correct answer is **option 4** i.e. **Patiala**.

- The Sheesh Mahal, or the Palace of Mirrors, was constructed by Maharaja Narinder Singh and is situated in Patiala, a city in the northern Indian state of Punjab.
- This magnificent architectural marvel is renowned for its opulent and intricate mirror work, which adorns the walls and ceilings, creating a dazzling, reflective spectacle.
- The palace's design reflects the artistic excellence of the region and provides a glimpse into the opulence of the

Patiala royalty.
- Today, the Sheesh Mahal stands as a testament to the rich cultural and architectural heritage of Punjab, drawing visitors from far and wide

Question 54 :

In which year was the Hunter Commission appointed by Lord Ripon for education reforms?

Difficulty : Moderate   **Average Time : 59 Seconds**

Options :
1. 1879
2. 1867
3. 1857
4. 1882

Solution :

The correct answer is **option 4** i.e. **1882**

- Appointed by Lord Ripon in 1882, the Hunter Commission sought to reform education in British India.
- It advocated expanding educational access, using vernacular languages, introducing vocational training, and prioritizing female education.
- These recommendations played a crucial role in shaping India's educational system during the colonial period.

Question 55 :

In MS Word 2010, to use the Spelling and Grammar option, one has to click on the _____ tab, and within the _____ group click on 'Spelling & Grammar'.

Difficulty : Moderate   **Average Time : 48 Seconds**

Options :
1. Design, Tracking
2. Review, Proofing
3. Review, Compare
4. View, Language

Solution :

The correct answer is **option 2** i.e. **Review, Proofing.**

In MS Word 2010, to use the Spelling and Grammar option, one has to click on the **Review** tab, and within the **Proofing** group click on 'Spelling & Grammar'.

Proofing tools can check spelling or grammar, hyphenate text, and look up words in the thesaurus.

Question 56 :
What is the full form of TCP/IP, with reference to internet protocols?

Difficulty : Moderate   Average Time : 47 Seconds

Options :
1. Transmission Control Protocol and Intranet Protocol
2. Transmission Control Protocol and Internet Protocol
3. Transmission Control Protocol and International Protocol
4. Transfer Control Protocol and Internet Protocol

Solution :
The correct answer is **option 2** i.e. **Transmission Control Protocol and Internet Protocol.**

TCP: Transmission Control Protocol

It is a communication standard for delivering data and messages through networks.

It defines the rules of the internet and is a common protocol used to deliver data in digital network communications.

It lies between the Application and Network Layers.

IP: Internet Protocol

It is a unique address that identifies a device on the internet or a local network.

It is the set of rules governing the format of data sent via the internet or local network.

Question 57 :
By default, how many sheets are provided in the MS Excel 2010 workbook?

Difficulty : Moderate   Average Time : 64 Seconds

Options :
1. One
2. Seven

Five

4. Three

Solution :

The correct answer is **option 4** i.e. **Three.**

By default, three sheets are provided in the MS Excel 2010 workbook.

Default names on the worksheet tabs: Sheet1, Sheet2, and Sheet3.

Question 58 :
What is the purpose of the keyboard shortcut 'Shift + F3' in MS Word 2010?

Difficulty : Moderate   **Average Time : 39 Seconds**

Options :

1. This shortcut displays font size options.

2. This shortcut displays alignment options.

3. This shortcut switches the text between uppercase, lowercase and title case.

4. This shortcut displays font colour options.

Solution :

The correct answer is **option 3** i.e. **This shortcut switches the text between uppercase, lowercase, and title case.**

Shift + F3: Used to switch the text between uppercase, lowercase, and title case.

Ctrl+J: Used to justify the text.

Ctrl+E: Used to align the text to the centre.

Ctrl+R: Used to align the text to the right.

Ctrl+L: Used to align the text to the left.

Ctrl+D or Ctrl+Shift+F: This shortcut displays font size options.

Question 59 :
To compare two versions of an MS Word 2007 document, one must go to the _____ tab and click on the _____ option within the 'Compare' group.

Difficulty : Moderate

Average Time : 68 Seconds

Options :

1. View, Window

2. Review, Track Changes

3. Review, Tracking

4. Review, Compare

Solution :

The correct answer is **option 4** i.e. **Review, Compare.**

To compare two versions of an MS Word 2007 document, one must go to the **review** tab and click on the **compare** option within the 'Compare' group.

The legal blackline option compares two documents and displays only what changed between them.

Under Original document, browse for the original document.

Under the Revised document, browse for the other document that you want to compare.

Question 60 :
Which of the following keyboard shortcuts is used to strike through the contents of a cell in MS Excel 2010?

Difficulty : Moderate

Average Time : 55 Seconds

Options :

1. Ctrl + P

2. Ctrl + S

3. Ctrl + 6

4. Ctrl + 5

Solution :

The correct answer is **option 4** i.e. **Ctrl + 5.**

Ctrl + 5: Used to apply or remove strikethrough formatting.

Ctrl + S: Used to save the file.

Ctrl + 6: Used to switch between hiding objects, displaying objects, and displaying placeholders for objects.

Question 61 :

Select the correct mirror image of the given figure when the mirror is placed on the right side of the figure.

Difficulty : Moderate

Average Time : 45 Seconds

Options :

1.

2.

3.

4.

Solution :
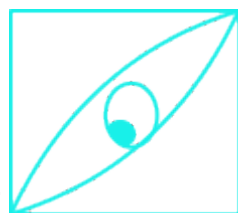
The correct answer is **option 4** i.e. .

The mirror image of the question figure is shown below:

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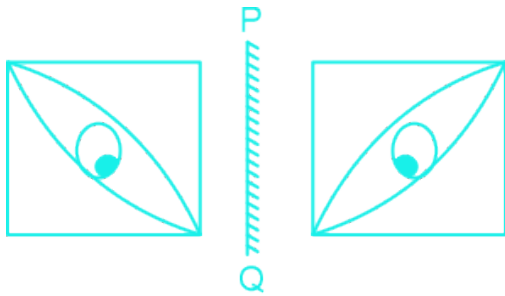
Since the mirror is placed right to the question figure, the right-hand side of the original image will now be the left-hand side of the mirror image.

Hence, **option 4** is the correct answer.

Question 62 :
Select the option that is related to the third figure in the same way as the second figure is related to the first figure.

Difficulty : Moderate   **Average Time : 74 Seconds**

Options :

1.

2.

3.

4.

Solution :

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The correct answer is **option 3** i.e.

The logic used here is:

Logic between Figure 1 and Figure 2:

The square goes inside the circle, and the position of the star is kept unchanged.

Similarly; the pattern will be followed by Figure 3 and Figure 4.

The hexagon goes inside the star, and the position of the triangle is kept unchanged.

The pattern is:
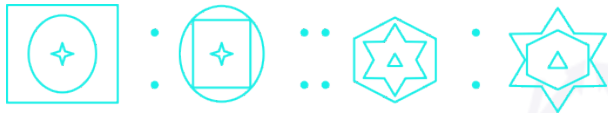
Question 63 :
In a code language, 'LOCAL' is written as 'mmfwq'. How will 'GLOBAL' be written as in that language?

Difficulty : Moderate   **Average Time : 76 Seconds**

Options :

1. hjxde

2. hjwhg

3. hixgf

4. hjrxff

Solution :
The correct answer is **option 4** i.e. **hjrxff.**

The logic used here is:

'LOCAL' is written as 'mmfwq'

L + 1 = m

O - 2 = M

C + 3 = f

A - 4 = w

L + 5 = q

Similarly;

Code for the word GLOBAL:

G + 1 = h

L - 2 = j

O + 3 = r

B - 4 = x

A + 5 = f

L - 6 = f

Hence, **option 4** is the correct answer.

Question 64 :
Which of the following Venn diagrams best represents the classes given below? Cat, Box, Fruit

Difficulty : Moderate   **Average Time : 55 Seconds**

Options :

1.

2.

3.

4.

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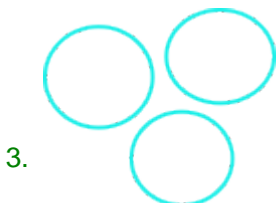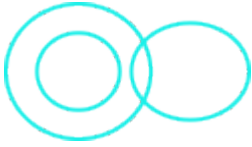
Solution :
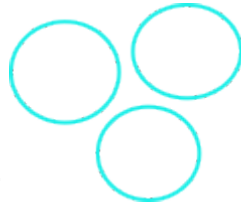
The correct answer is **option 3** i.e. .

The possible Venn diagram is:
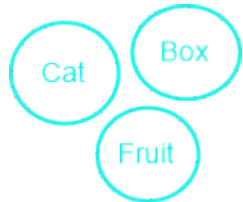
Cat, box, and fruit are different classes.

Hence, the diagram given above shows the best relationship between them.

Question 65 :
Select the option figure that can replace the question mark (?) in the given figure to complete the pattern.

Difficulty : Moderate   **Average Time : 67 Seconds**

Options :

1.

2.

3.

4.
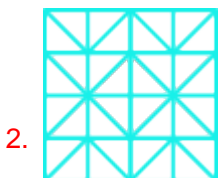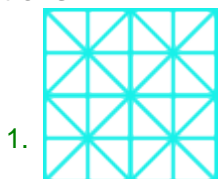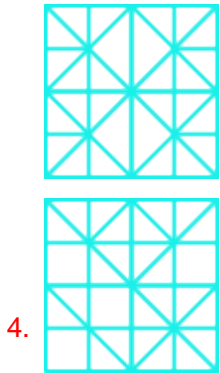
Solution :
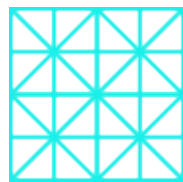
The correct answer is **option 1** i.e. .

The figure that will complete the pattern:
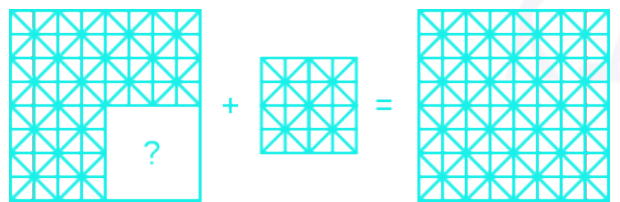
Question 66 :

Three different positions of the same dice are shown. Which number would appear on the face opposite to the face having '3'?

Difficulty : Moderate   **Average Time : 62 Seconds**

Options :

1. 4

2. 5

3. 6

4. 1

Solution :

The correct answer is **option 2** i.e. **5.**

In the second and third dice, 3 is common. So, start rotating either in the clockwise or anticlockwise direction.

Clockwise direction:

Dice 2: 3 2 4

Dice 3: 3 1 6

So, 3 is opposite to 5.

Anticlockwise direction:

Dice 2: 3 4 4

Dice 3: 3 6 1

So, 3 is opposite to 5.

Hence, **option 2** is the correct answer.

Question 67 :
Three of the following four words are alike in a certain way and one is different. Select the odd one.

Difficulty : Moderate   **Average Time : 49 Seconds**

Options :

1. Herd

2. Hut

3. House

4. Igloo

Solution :
The correct answer is **option 1** i.e. **Herd.**

The logic used here is:

Hut, House, and Igloo are places to live in, whereas a herd is a large number of animals that live and feed together.

Hence, **option 1** is the odd one out.

Question 68 :
Three of the given four figures are similar in a certain manner while one is different. Pick the odd one out.

Difficulty : Moderate   **Average Time : 45 Seconds**

Options :

1. B

2. C

3. D

4. A

Solution :

The correct answer is **option 4** i.e. **A.**

The logic used here is:

The number of lines inside each figure is equal to the number of sides of the outer figure.

In option 4, i.e. in figure A, the number of lines inside the figure is 4, whereas the number of sides of the outer figure is 4. This does not follow the logic.

Hence, **option 4** is the odd one out.

Question 69 :
Which number will replace the question mark (?) in the following series? 3, 2, 3, 8, 6, 24, 18, 48, ?, 48

Difficulty : Moderate   **Average Time : 50 Seconds**

Options :

1. 72

2. 52

3. 68

4. 92

Solution :

The correct answer is **option 1** i.e. **72.**

Given series: 3, 2, 3, 8, 6, 24, 18, 48, ?, 48

The series is alternated with two series:

1. 3, 3, 6, 18,?

$3 \times 1 = 3$

$3 \times 2 = 6$

$6 \times 3 = 18$

$18 \times 4 = 72$

2. 2, 8, 24, 48, 48

$2 \times 4 = 8$

$8 \times 3 = 24$

$24 \times 2 = 48$

$48 \times 1 = 48$

So, the missing term in the series is **72.**

Question 70 :
If a shopkeeper increases the list price of his product by 20% and then provides a 20% discount on the list price, what would be his profit/loss on that product?

Difficulty : Moderate   **Average Time : 51 Seconds**

Options :
   1. 10% loss

   2. 4% loss

   3. 4% profit

   4. 0% profit/ loss

Solution :
The correct answer is **option 2** i.e. **4% loss.**

Let the listed price be Rs.100.

According to the question;

The shopkeeper increases the list price of his product by 20%.

Then the new listed price = 100 + 20% of 100 = 120

He then provides a 20% discount on the list price.

Then the selling price = 120 - 20% of 120 = 96

As the listed price is more than the selling price, the shopkeeper incurs a loss.

Loss = 4% loss

Question 71 :

Select the number-pair in which the two numbers are related in the same way as the two numbers of the following number-pair. 4: 28

Difficulty : Moderate   **Average Time : 53 Seconds**

Options :

1. 9: 153

2. 3: 48

3. 2: 4

4. 6: 136

Solution :

The correct answer is **option 1** i.e. **9: 153.**

The logic used here is:

4: 28

$4^2 + 4 \times (4 - 1) = 16 + 4 \times 3 = 16 + 12 = 28$

Similarly;

9:153

$9^2 + 9 \times (9 - 1) = 81 + 9 \times 8 = 81 + 72 = 153$

Hence, **option 1** is the correct answer.

Question 72 :

Select the figure that will come next in the following figure series.

Difficulty : Moderate   **Average Time : 41 Seconds**

Options :

1.

2.

3.

4.
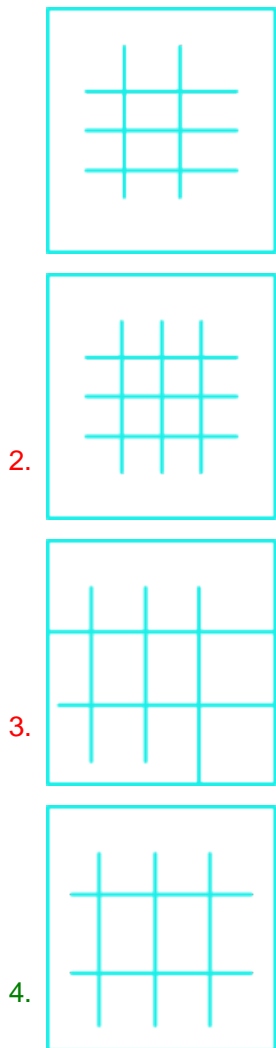
Solution :

The correct answer is **option 4** i.e. .

The logic used here is:

One vertical and one horizontal line are added alternatively in each step.

The image series:

Question 73 :

Select the set in which the numbers are related in the same way as those of the following set. (3, 28, 128)

Difficulty : Moderate

Average Time : 65 Seconds

Options :

1. (1, 20, 96)

2. (5, 30, 150)

3. (2, 18, 218)

4. (7, 63, 163)

Solution :

The correct answer is **option 1** i.e. **(1, 20, 96).**

The logic used here is:

(3, 28, 128)

128 - 3 = 125

28 - 3 = 25

25 × 5 = 125

Similarly;

(1, 20, 96)

96 - 1 = 95

20 - 1 = 19

19 × 5 = 95

Hence, **option 1** is the correct answer.

Question 74 :

Select the option that is related to the third figure in the same way as the second figure is related to the first figure.

Difficulty : Moderate

Average Time : 45 Seconds

Options :

1.

2.

3.

4.

Solution :

The correct answer is **option 2** i.e. .

The logic used here is:

Logic between Figure 1 and Figure 2:

The number of sides of both the internal and external figures increases by one.

Similarly; the pattern will be followed by Figure 3 and Figure 4.

The pattern is:
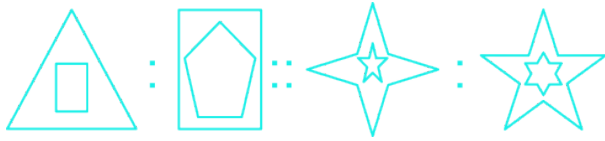
Question 75 :

Select the option that is related to the third figure in the same way as the second figure is related to the first figure.

Difficulty : Moderate

Average Time : 73 Seconds

Options :

1.

2.

3.

4.

Solution :

The correct answer is **option 4** i.e. .

The logic used here is:

Logic between Figure 1 and Figure 2:

The inner figure is rotated by 90 degrees in the clockwise direction.

Similarly; the pattern will be followed by Figure 3 and Figure 4.

The pattern is:

Question 76 :
Select the option figure that can replace the question mark (?) in the given figure to complete the pattern.

Difficulty : Moderate

Average Time : 71 Seconds

Options :

1.

2.

3.

4.

Solution :

The correct answer is **option 4** i.e. .

The figure that will complete the pattern:

Question 77 :

Which number will replace the question mark (?) in the following series? 86, 68, 82, 72, 74, 76, 58, ?, 26, 84

Difficulty : Moderate

Average Time : 59 Seconds

Options :

1. 67

2. 80

3. 46

4. 56

Solution :

The correct answer is **option 2** i.e. **80.**

Given series: 86, 68, 82, 72, 74, 76, 58, ?, 26, 84

The series is alternated with two series:

1. 86, 82, 74, 58, 26

86 - 4 = 82

82 - 8 = 74

74 - 16 = 58

58 - 32 = 26

2. 68, 72, 76, ?, 84

68 + 4 = 72

72 + 4 = 76

76 + 4 = 80

80 + 4 = 84

So, the missing term in the series is **80.**

Question 78 :

Select the figure that will come next in the following figure series.

Difficulty : Moderate

Average Time : 43 Seconds

Options :

1.

2.

3.

4.
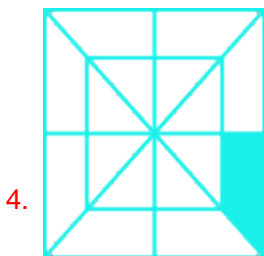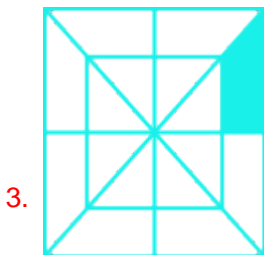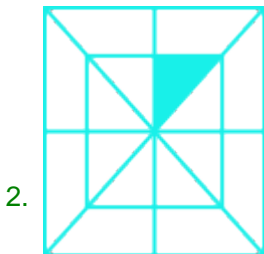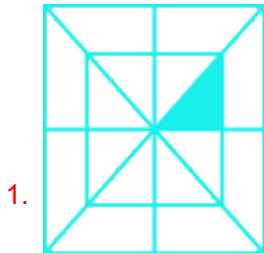
Solution :

The correct answer is **option 2** i.e.

The logic used here is:

1. The shaded part of the square is shaded alternatively in the clockwise direction.

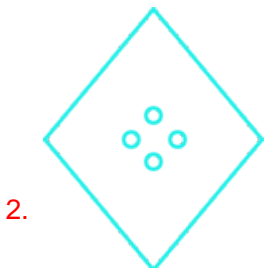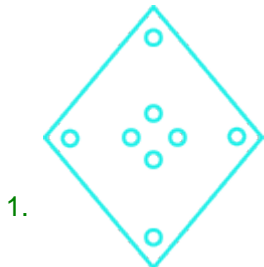2. The triangle is also shaded alternatively in the clockwise direction.

The image series:
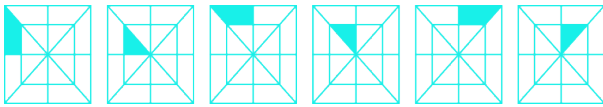
Question 79 :
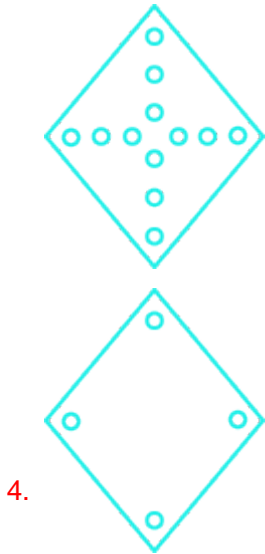A paper is folded and cut as shown in the following figures. How will it appear when unfolded?

Difficulty : Moderate   **Average Time : 69 Seconds**

Options :

1.

2.

3.

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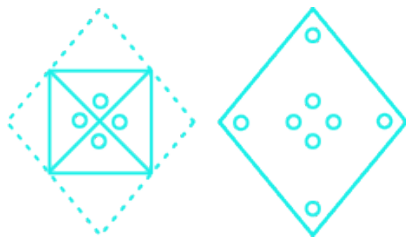
FREE PDF

4.

Solution :

The correct answer is **option 1** i.e.

 .

After unfolding, the paper will appear as follows:

Question 80 :

'Grammy' is related to 'Music' in the same way as 'Uber Cup' is related to '_____'

Difficulty : Moderate   **Average Time : 60 Seconds**

Options :

1. Acting

2. Badminton

Writing

4. Film

Solution :

The correct answer is **option 2** i.e. **Badminton.**

The logic used here is:

'Grammy' is related to 'Music'

Grammy Awards are presented to recognize outstanding achievements in the music industry.

Similarly;

'Uber Cup' is related to '____'

Uber Cup is an international badminton competition contested by women's national badminton teams.

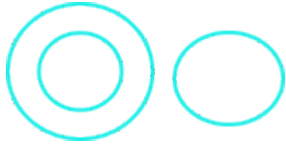Hence, **option 2** is the correct answer.

Question 81 :
Which of the following Venn diagrams best represents the classes given below? Women, Mother, Father
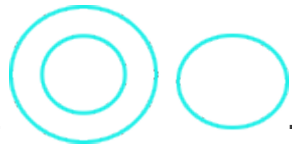
Difficulty : Moderate

Average Time : 50 Seconds
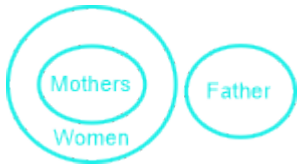
Options :

1.

2.

3.

4.

Solution :

The correct answer is **option 4** i.e. .

The possible Venn diagram is:

All mothers are women. Father is a different class.

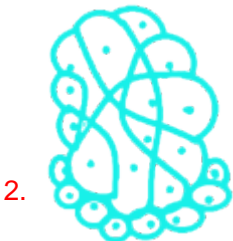Hence, the diagram given above shows the best relationship between them.

Question 82 :
Select the figure from the options in which the given figure is embedded (rotation is NOT allowed).

Difficulty : Moderate   **Average Time : 67 Seconds**

Options :

1.

2.

4.

Solution :

The correct answer is **option 1** i.e. .

The given figure is embedded in option 1, as shown below:

Question 83 :
Select the figure from the options in which the given figure is embedded (rotation is NOT allowed).

Difficulty : Moderate   **Average Time : 62 Seconds**

Options :

1.

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2.

3.

4.

Solution :

The correct answer is **option 4** i.e. **.**

The given figure is embedded in option 4, as shown below:

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Question 84 :

Which two signs should be interchanged in the following equation to make it correct? 3 - 6 × 18 + 4 ÷ 2 = 2

Difficulty : Moderate   **Average Time : 62 Seconds**

Options :

1. - and ÷

2. × and -

3. × and ÷

4. × and +

Solution :

The correct answer is **option 2** i.e. **× and -.**

Given equation: 3 - 6 × 18 + 4 ÷ 2 = 2

Option 1: - and ÷

After interchanging the expression becomes:

= 3 ÷ 6 × 18 + 4 - 2 = 2

= 9 + 4 - 2

= 11 is not equal to 2.

Option 2: × and -

After interchanging the expression becomes:

= 3 × 6 - 18 + 4 ÷ 2 = 2

= 3 × 6 - 18 + 2

= 18 - 18 + 2

= 2 is equal to 2.

As we have found our answer, there is no need to check further options.

Hence, **option 2** is the correct answer.

Question 85 :

Two different positions of the same dice are shown. How many dots would appear on the face opposite to the face having one dot?

Difficulty : Moderate

Average Time : 66 Seconds

Options :

1. 2
2. 5
3. 6
4. 4

Solution :

The correct answer is **option 3** i.e. **6.**

In both the dice, one dot is common. So, start rotating either in the clockwise or anticlockwise direction.

Clockwise direction:

Dice 1: One dot Two dots Three dots

Dice 2: One dot Five dots Four dots

So, one dot is opposite to six dots.

Anticlockwise direction:

Dice 1: One dot Three dots Two dots

Dice 2: One dot Four dots Five dots

So, one dot is opposite to six dots.

Hence, **option 3** is the correct answer.

Question 86 :
When 6539, 7391 and 8882 are divided by the greatest number x, the remainder in each case is the same. What is the value of (3 x -98)?

Difficulty : Moderate

Average Time : 59 Seconds

Options :

1. 541
2. 459
3. 451

547

Solution :

The correct answer is **option 1** i.e. **541**

Firstly take the HCF of 6539, 7391, and 8882

(7391 - 6539) = 852 = 4 * 3 * 71

(8882 - 7391) = 1491 = 7 * 3 * 71

(8882 - 6539) = 2343 = 11 * 3 * 71

HCF of these numbers = 71 * 3 = 213

The HCF of 6539, 7391, and 8882 is also = 213

When we divide all of the above numbers by 213

The same remainder is 149

The value of x = 213

3x - 98 = 3 * 213 - 98 = 541

Question 87 :
The value of (3rac{2}{3}div2rac{1}{5} of rac{2}{3}-rac{2}{3} imesrac{7}{10}+(rac{2}{3} imes0.4ar{1}div0.ar{37})div1rac{3}{8} is:)

Difficulty : Moderate

Average Time : 49 Seconds

Options :

1. $\frac{11}{10}$

2. $\frac{77}{30}$

3. $\frac{7}{15}$

4. $\frac{73}{18}$

Solution :

The correct answer is **option 2** i.e. $\frac{77}{30}$

$3\frac{2}{3}\div2\frac{1}{5} \ of \ \frac{2}{3}-\frac{2}{3}\times\frac{7}{10}+(\frac{2}{3}\times0.4\bar{1}\div0.\bar{37})\div1\frac{3}{8} \ $

= $\frac{11}{3}\div\frac{11}{5} \ of \ \frac{2}{3}-\frac{7}{15}+(\frac{2}{3}\times\frac{37}{90}\div\frac{37}{99})\div\frac{11}{8} \ $

= $\frac{11}{3}\times\frac{15}{22} -\frac{7}{15}+(\frac{2}{3}\times\frac{37}{90}\times\frac{99}{37})\times\frac{8}{11}$

= $\frac{5}{2} -\frac{7}{15}+\frac{8}{15}$

= (5/2) + (1/15)

= 77/30

Question 88 :

A sum lent at compound interest amounts to 72.8% more than itself in 3 years, interest compounded annually at a certain rate per cent per annum. What will be the compound interest on a sum of 9,000 for 1($\frac{1}{2}$) years at the same rate, if the interest is compounded six-monthly?

Difficulty : Moderate　　　　　　　　　**Average Time : 65 Seconds**

Options :

1. â‚2,979

2. â‚2,997

3. â‚2,977

4. â‚2,799

Solution :

The correct answer is **option 1** i.e. **â‚2,979**

Formula used

Amount A = Principal $(1 + Rate/100)^n$

$172.8 = 100 * (1 + Rate/100)^3$

$(1 + Rate/100)^3 = 1728/1000$

Rate/100 = 2/10

Rate = 20 %

Now, compounding halfyearly rate = 20/2 = 10%

time = 1.5 * 2 = 3 years

$CI = 9000 * (1 + (10/100))^3 - 9000$

= 9000 * 331/1000 = 2979 Rs

Question 89 :

Rekha spends 75% of her monthly income. If her income increases by 15% and still she saves the same amount asbefore, then what is the percentage increase in her expenditure?

Difficulty : Moderate　　　　　　　　　**Average Time : 47 Seconds**

Options :
1. 20
2. 15
3. 25
4. 18

Solution :

The correct answer is **option 1** i.e. **20**

Given

Rekha spends 75% of her monthly income

Let Rekha income is 100 units

She spends = 75% × 100 = 75 units

She saves = 25% × 100 = 25 units

Now her monthly iscome is increased by 15% = 115 % × 100 = 115 units

She still saves = 25 units

Now she spends = 115 - 25 = 90 units

Thus, increased % in expenditures = [(90 - 75)/75] × 100 = 20 %

Question 90 :
18 persons can complete a work in 15 days when they work 6 hours a day. The time (in days) taken by 12 persons working 10 hours a day to complete the same work, is:

Difficulty : Moderate　　　　　　　　　**Average Time : 51 Seconds**

Options :
1. $12\frac{1}{2}$
2. 15

13$\frac{1}{2}$

4. 12

Solution :

The correct answer is **option 3** i.e. 13$\frac{1}{2}$

Let 12 persons takes d days to complete same work

According to the questions

18 × 15 × 6 = 12 × 10 × d

d = 135/10 = 13.5 days = 13 ½ days

Question 91 :
By selling an article giving two discounts of 10% and 20% on its marked price, a profit of 8% is obtained. The marked price of the article is what percent more than its cost price?

Difficulty : Moderate   **Average Time : 47 Seconds**

Options :
  1. 30
  2. 50
  3. 28
  4. 38

Solution :

The correct answer is **option 2** i.e. **50**

Given that

The two successive discounts is = 10% and 20%

then net discounts = 10 + 20 - (10 * 20)/100 = 28%

The given profit = 8%

C.P = M.P * {(100 - 28)/(100 + 8)}

MP/CP = 108/72 = 3/2

Thus, MP = [(3 - 2)/2] * 100 = 50 % increased from CP

Question 92 :

The radii of a cylinder and a cone are in the ratio 1 : 3, and the height of the cylinder is 1.5 times the slant height of the cone. What is the ratio of the curved surface areas of the cylinder and the cone?

Difficulty : Moderate **Average Time : 49 Seconds**

Options :

1. 1:2
2. 1:1
3. 3:4
4. 2:1

Solution :

The correct answer is **option 2** i.e. **1:1**

Given

The ratio of a cylinder and a cone = 1: 3

The height of cylinder = 1.5 slant height of the cone

Formula used

The curved surface of a cylinder = 2 p× r × h

The curved surface area of a cone = p × r × l

Calculation

Required ratio = (2 × p × 1 × 1.5l)/(p × 3 × l)

= 3/3 = 1/1

= 1 : 1

Question 93 :
The area of a triangular park whose sides are 120 m, 137.5 m and 182.5 m, is equal to the area of a rectangular garden whose sides are in the ratio 30: 11. The longer side of the rectangular garden is:

Difficulty : Moderate **Average Time : 56 Seconds**

Options :

1. 165 m

150 m

3. 168 m

4. 120 m

Solution :

The correct answer is **option 2** i.e. **150 m**

Given that

The triangular park whose sides are 120 m, 137.5 m, and 182.5 m is right-angle shaped because the sides are in triplicate.

The sides of the rectangular garden are 30x, 11x

the area of triangular park = the area of rectangular garden

½ * 120 * 137.5 = 30x * 11x = 330 x^2

8250 = 330 x^2

x^2 = 25

x = 5

Thus, the longest side of garden = 30x = 30 * 5 = 150 m

Question 94 :
Aruna sells an article at a certain price. Had she sold it at three-fifth of that selling price, she would have lost 20%. What is the gain percentage when she sells it at 90% of the original selling price?

Difficulty : Moderate   **Average Time : 59 Seconds**

Options :

1. 15%

2. 24%

3. 25%

4. 20%

Solution :

The correct answer is **option 4** i.e. **20%**

Let

The original SP of an article = 100 units

If she sells 3/5 of SP = 3/5 × 100 = 60 units

Loss 20 % then CP = (60/80) × 100 = 75 units

Now she sells 90% of the original SP = 0.9 × 100 = 90 units

Profit = 90 - 75 = 15 units

Profit % = (15/75) × 100 = 20 %

Question 95 :
The cost of a car is 300% more than that of a bike. If the cost of the car increases by 10% and that of the bike increases by 30%, then the percentage increase in the total cost of 4 cars and 5 bikes is (correct to one decimal place):

Difficulty : Moderate   **Average Time : 51 Seconds**

Options :

1. 16.5

2. 14.8

3. 13.4

4. 15.2

Solution :
The correct answer is **option 2** i.e. **14.8**

Let, the cost of a bike = 100 units

Then the cost of a car = 400 units

The total cost of 4 cars and 5 bikes = 4 * 400 + 5 * 100 = 2100 units

Now, the increased price of a bike by 30% =1.3 * 100 = 130 units

The increased price of a car by 10% = 1.1 * 400 = 440 units

The total cost of 4 cars and 5 bikes = 4 * 440 + 5 * 130 = 2410 units

Thus the required % = [(2410 - 2100) / 2100] * 100 = 14.8%

Question 96 :
A boat takes 14 minutes to travel 8.4 km upstream. If the ratio of the speed of the boat to that of the stream is 6: 1, then how much time (in minutes) will the boat take to travel 33.6 km downstream?

Difficulty : Moderate

Average Time : 55 Seconds

Options :

1. 30
2. 40
3. 45
4. 36

Solution :

The correct answer is **option 2** i.e. **40**

Given that

The ratio of the speed of the boat to that of the stream is 6: 1

The speed to row upstream = 8.4 * 60 / 14 = 36 km/h

6x - x = 36

5x = 36

x = 7.2 km/h

Now, time (in minutes) will the boat take to travel 33.6 km downstream = 33.6/(6x + x)

33.6/(7* 7.2) = (8/12) * 60 = 40 minutes

Question 97 :

Three numbers are such that if the average of any two of them is added to the third number, the sums obtained are 182, 230 and 242. What is the average of the three given numbers?

Difficulty : Moderate

Average Time : 52 Seconds

Options :

1. 109
2. 110
3. 117
4. 107

Solution :

The correct answer is **option 1** i.e. **109**

Let, three numbers x, y, z

According to the question

$(x + y)/2 + z = 182$ 1

$(y + z)/2 + x = 230$ 2

$(z + x)/2 + y = 242$ 3

After solving above equations

$x + y + z = (182 + 230 + 242)/2 = 327$

The average of these numbers $= 327/3 = 109$

Question 98 :
Let y be a whole number between 20 and 36. If y is the product of exactly two distinct prime numbers, then the number of value of y is:

Difficulty : Moderate   **Average Time : 47 Seconds**

Options :

1. 4

2. 3

3. 5

4. 6

Solution :

The correct answer is **option 4** i.e. **6**

Given that

y is a product of two prime numbers and is between 20 and 36

Prime numbers less than 36

2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31

By hit and trial method

y = (2 * 11), (2 * 13), (2 * 17), (3 * 7), (3* 11), (5 * 7) are values between 20 and 36

Thus, y = 6

Question 99 :

The incomes of A and B are in the ratio 4: 7, and the ratio of their expenditures is 1:2. If each of them saves â,¹4,800 per month, then the income of B is:

Difficulty : Moderate

Average Time : 46 Seconds

Options :

1. 32,200

2. 33,600

3. 31,500

4. 35,000

Solution :

The correct answer is **option 2** i.e. **33,600**

Given that

the income of A and B = 4x and 7x respectively

the expenditure of A and B = y and 2y respectively

the savings are the same for both A and B = 4800

As we know, Income - Expenditure = Saving

According to the questions

4x - y = 7x - 2y

x: y = 1: 3

Hence income of A and B = 4 and 7 units

and expenditure of A and B = 3 and 6 units

then Savings of A and B = (4 - 3) and (7 - 6) = 1 and 1 units

1 unit = 4800

then the income of B = 7units= 7 * 4800 = 33600

Question 100 :

A certain sum amounts to â,¹10,755 in 3 years and to â,¹12,510 in 6 years at the same rate per cent per annum at simple

interest. What will be the simple interest on a sum of 8,500 for 4 $\frac{2}{5}$ years at double the earlier rate?

Difficulty : Moderate

Average Time : 67 Seconds

Options :

1. â,¹4,862
2. â,¹4,114
3. â,¹4,641
4. â,¹4,488

Solution :

The correct answer is **option 1** i.e. **â,¹4,862**

Given that

In 3 years Amount = 10755

In 6 years Amount= 12510

then the simple interest for 3 years = 12510 - 10755 = 1755

the principal amount = Amount - Simple interest for 3 year = 10755 - 1755 = 9000

The rate of interest = (585/9000) * 100 = 585/90 = 6.5%

Now, new rate = 2 * 6.5 = 13%

new SI = [8500 * 13 * (22/5)]/100 = â,¹4862

Delhi Police Constable Tier 1 Previous Year Question Paper Analysis

The analysis of Delhi Police Constable Tier 1 Previous Year Question Paper held on 2020-12-14 in the Morning exam is as follows:

1. 100 questions were moderate.
2. The safe score is 75 marks.
3. 10 questions were asked from Computer, 50 questions were asked from General Awareness, 25 questions were asked from Logical Reasoning and 15 questions were asked from Numerical and Mental Ability
4. 0 questions should have been skipped if you were short of time.

Delhi Police Constable Tier 1 Previous Year Question Paper Topic Wise Weightage

Computer

1. Networking - 10

General Awareness

1. Art And Culture - 50

Logical Reasoning

1. Coding Decoding - 1
2. Analogy - 3
3. Classification - 1
4. Venn Diagrams - 2
5. Figure Based - 12
6. Series - 2
7. Mathematical Reasoning - 2
8. Cubes And Dice - 2

Numerical and Mental Ability

Delhi Police Constable Tier 1 Previous Year Question Paper Tips and Tricks

TIPS & TRICKS

1. Try to solve Delhi Police Constable Tier 1 Previous Year Question Paper without taking any help from the solutions.
2. Delhi Police Constable Tier 1 Previous Year Question Paper require proper usage of concept so firstly read the question thoroughly and then use the right concept.
3. In case you're not able to solve the question in less than 30 seconds in the exam then you should skip the question and move to the next question.

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