

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 2020-12-08 in the Afternoon 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 :

Who among the following was popularly known as Punjab Kesari?

Difficulty : Moderate

Average Time : 41 Seconds

Options :

1. Dr. Rajendra Prasad
2. Mahatma Gandhi
3. Subhas Chandra Bose
4. Lala Lajpat Rai

Solution :

The correct answer is **Option 4** i.e. **Lala Lajpat Rai**

- **Lala Lajpat Rai** was an Indian freedom fighter and politician popularly known as Punjab Kesari and also as 'Punjab da Sher' which means the 'Lion of Punjab'.
- He believed that the ideals of Indian-culture combined with nationalism will lead to the establishment of a secular state.

Question 2 :

The word 'socialist' was added in the Preamble of the Constitution of India by _____.

Difficulty : Moderate

Average Time : 50 Seconds



Options :

1. The Constitution (Thirty-fifth Amendment) Act, 1974
2. The Constitution (Forty-second Amendment) Act, 1976
3. The Constitution (Twenty-fourth Amendment) Act, 1971
4. The Constitution (Seventh Amendment) Act, 1956

Solution :

The correct answer is **option 2** i.e. **The Constitution (Forty-second Amendment) Act, 1976**

- The word 'socialist' was added in the Preamble of the Constitution of India by **the Constitution (forty-second Amendment) Act, 1976**.
- It provides that it is the responsibility of the state to ensure the welfare of citizens, elimination of discrimination, nationalization of the means of production, equitable distribution of wealth, and justice for all. The principles of socialism are heavily reflected in the Directive Principles of State Policy.

Question 3 :

Three different positions of the same non-standard dice are shown. Which number will be on the face opposite to the face with the number '4'?

Difficulty : Moderate

Average Time : 59 Seconds

Options :

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

Solution :

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

In the second and third dice, 6 is common. So, start rotating either in the clockwise or anticlockwise direction.

Clockwise direction:

Dice 2: 6 3 2

Dice 3: 6 4 1

So, 3 is opposite to 4.



Anticlockwise direction:

Dice 2: 6 2 3

Dice 3: 6 1 4

So, 3 is opposite to 4.

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

Question 4 :

Which two signs should be interchanged to make the given equation correct $65 \div 13 \times 8 + 39 - 105 = 106$

Difficulty : Moderate

Average Time : 48 Seconds

Options :

1. + and -
2. \div and -
3. + and \times
4. \times and \div

Solution :

The correct answer is **option 1** i.e. + and -.

Given equation: $65 \div 13 \times 8 + 39 - 105 = 106$

Option 1: + and -

After interchanging the expression becomes:

$$= 65 \div 13 \times 8 - 39 + 105 = 106$$

$$= 5 \times 8 - 39 + 105$$

$$= 40 - 39 + 105$$

$$= 1 + 105$$

$$= 106 \text{ is equal to } 106.$$

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

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

Question 5 :



Which number will replace the question mark (?) in the following series? 1143, 1044, 955, 876, 807, 748, ?, 660, 631, 612

Difficulty : Moderate

Average Time : 53 Seconds

Options :

1. 703
2. 678
3. 699
4. 711

Solution :

The correct answer is **option 3** i.e. **699**.

Given series: 1143, 1044, 955, 876, 807, 748, ?, 660, 631, 612

The series follows this pattern:

$$1143 - 99 = 1044$$

$$1044 - 89 = 945$$

$$945 - 79 = 876$$

$$876 - 69 = 807$$

$$807 - 59 = 748$$

$$748 - 49 = 699$$

$$699 - 39 = 660$$

$$660 - 29 = 631$$

$$631 - 19 = 612$$

So, the missing term in the series is **699**.

Question 6 :

Select the option that is related to Figure C in the same way as Figure B is related to Figure A.

Difficulty : Moderate

Average Time : 45 Seconds

Options :

1.

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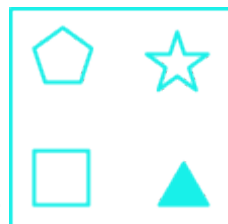
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1. 
2. 
3. 
4. 



Solution :



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

The logic used here is:

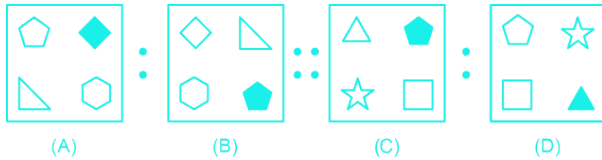
Logic between A and B:

1. The top right figure is moved to the top left corner and is unshaded.
2. The bottom right figure is moved to the bottom left corner.
3. The top left figure is moved to the bottom right corner and is shaded.

4. The bottom left figure is moved to the top right corner.

Similarly; the pattern will be followed by C and D.

The pattern is:



Question 7 :

A Central Minister ceases to be a Minister if he is NOT a member of Parliament for a period of _____.

Difficulty : Moderate

Average Time : 82 Seconds

Options :

1. 6 consecutive months
2. 10 consecutive months
3. 10 consecutive weeks
4. 6 consecutive weeks

Solution :

The correct answer is **option 1** i.e. **6 consecutive months**

- According to **Article 75 (5)**, minister who for any period of **6 consecutive months** is not a member of either House of Parliament shall at the expiration of that period cease to be a minister.

Question 8 :

In which year was the first-ever Asian Games organised in New Delhi?

Difficulty : Moderate

Average Time : 45 Seconds

Options :

1. 1947
2. 1949
3. 1954
4. 1951

Solution :



The correct answer is **option 4** i.e. **1951**

- The first-ever Asian Games was organised in New Delhi in **1951**.
- The Games received names like First Asiad and 1951 Asiad.
- A total of 489 athletes representing 11 Asian National Olympic Committees (NOCs) participated in 57 events from eight sports and discipline.
- The Games was the successor of the Far Eastern Games and the revival of the Western Asiatic Games.

Question 9 :

An alloy with _____ in it is referred to as 'amalgam'.

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

1. nickel
2. silver
3. mercury
4. cobalt

Solution :

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

- An amalgam is an alloy of **mercury** with another metal.
- It may be a liquid, a soft paste or a solid, depending upon the proportion of mercury.
- These alloys are formed through metallic bonding, with the electrostatic attractive force of the conduction electrons working to bind all the positively charged metal ions together into a crystal lattice structure.

Question 10 :

The value of Special Drawing Right (SDR) of the International Monetary Fund is determined by a basket of currencies consisting of how many currencies?

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

1. 5
2. 10



9

4. 15

Solution :

The correct answer is **option 1** i.e. **5**

- The value of Special Drawing Right (SDR) of the International Monetary Fund is determined by a basket of the world's **5** leading currencies- the US dollar, euro, yuan, yen and the UK pound.
- SDR refers to an international type of monetary reserve currency created by the International Monetary Fund (IMF) in 1969 that operates as a supplement to the existing money reserves of member countries.

Question 11 :

The paintings and sculptures of the Ajanta Caves in Maharashtra are related to which of the following religions?

Difficulty : Moderate

Average Time : 52 Seconds

Options :

1. **Buddhism**
2. Zoroastrianism
3. Jainism
4. Hinduism

Solution :

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

- The paintings and sculptures of the Ajanta Caves in Maharashtra are related to **Buddhism**.
- The Ajanta Caves are 29 rock-cut Buddhist cave monuments dating from the second century BCE to about 480 CE.
- The caves universally regarded as masterpieces of Buddhist religious art, include paintings and rock-cut sculptures described as among the finest surviving examples of ancient Indian art, particularly expressive paintings that present emotions through gesture, pose and form.

Question 12 :

Who established the Swaraj Party?

Difficulty : Moderate

Average Time : 50 Seconds

Options :

1. **Jawaharlal Nehru**



Motilal Nehru

3. Dr. Rajendra Prasad

4. Subhas Chandra Bose

Solution :

The correct answer is **Option 2** i.e. **Motilal Nehru**

- Swaraj Party was an Indian political party formed on 1 January 1923.
- It was established by **Motilal Nehru**, one of the most prominent lawyers in northern India along with Chitta Ranjan Das, a nationalist politician from Bengal.
- The party's name is taken from the term "swaraj" which means "self-rule".
- The party's primary goal was to contest the elections to the new Central Legislative Assembly in 1923 and, once in office, to disrupt official policy and derail the Raj (British government in India) by antigovernment agitation within the council chambers.

Question 13 :

Which among the following movies won the 'Best Hindi Film' award at the 66th National Film Awards?

Difficulty : Moderate

Average Time : 64 Seconds

Options :

1. Article 15

2. Super 30

3. Gully Boy

4. Andhadhun

Solution :

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

- **Andhadhun** won the 'Best Hindi Film' award at the 66th National Film Awards which took place in 2019 to honour the best films of 2018, in the Indian cinema.

Question 14 :

The Tropic of Cancer passes through all the following states, EXCEPT _____.

Difficulty : Moderate

Average Time : 41 Seconds

Options :



Madhya Pradesh

2. Haryana

3. Gujarat

4. Mizoram

Solution :

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

- The Tropic of Cancer passes through all the following states except **Haryana**.
- It passes through 8 states in India namely Gujarat, Rajasthan, Madhya Pradesh, Chattisgarh, Jharkhand, West Bengal, Tripura, and Mizoram.

Question 15 :

India Gate which is in New Delhi is a memorial built in commemoration of the Indian soldiers killed in which of the following wars?

Difficulty : Moderate

Average Time : 45 Seconds

Options :

1. India-Pakistan War of 1965
2. World War II
3. World War I
4. India-China War of 1962

Solution :

The correct answer is **Option 3** i.e. **World War I**

India Gate in New Delhi is a memorial built in 1931 by erstwhile British empire to commemorate the Indian soldiers killed in **World War I** as well as Third Anglo-Afghan War. Out of over 83,000 Indians who laid down their lives, India Gate bears 13,516 names, etched all over the monument.

Question 16 :

Who among the following is a celebrated singer of Chhath Puja songs?

Difficulty : Moderate

Average Time : 48 Seconds

Options :

1. Vishaka Hari

Anima Choudhury

3. Ila Arun

4. Sharda Sinha

Solution :

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

- **Sharda Sinha** is an Indian folk and classical singer associated with Chhath.
- She has come out with two new songs on Chhath in 2016. Her last album of devotional songs was released in 2006.
- In the songs, she is urging the people to come to Bihar during Chhath.
- Chhath Puja is the most prominent festival celebrated in the North Indian state of Bihar and certain regions of Uttar Pradesh and Nepal.
- It is a famous festival which starts on the 6th day of the Hindu calendar month "Kartika".
- This festival is dedicated to the worship of the Sun god and his wife Usha and is celebrated to thank god for supporting life on earth and to seek the blessing of divine Sun god and his wife.

Question 17 :

The arteries divide into smaller vessels. On reaching the tissues, they divide further into extremely thin tubes called_____.

Difficulty : Moderate

Average Time : 74 Seconds

Options :

1. venules

2. arterioles

3. capillaries

4. veins

Solution :

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

- The arteries divide into smaller vessels. On reaching the tissues, they divide further into extremely thin tubes called **capillaries**.
- **Capillaries** are tiny, extremely thin-walled vessels that act as a bridge between the arteries and veins.
- The thin walls of the **capillaries** allow oxygen and nutrients to pass from the blood into tissues and allow waste products to pass from tissues into the blood.

**Question 18 :**

The causative agent of the deadly disease Ebola is/are:

Difficulty : Moderate

Average Time : 53 Seconds

Options :

1. parasites
2. virus
3. bacteria
4. fungus

Solution :

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

- The causative agent of the deadly disease Ebola is **virus**.
- Ebola virus disease (EVD) or Ebola is a rare but serious disease caused by infection by the **Ebola virus**. It belongs to a family of viruses known as filoviruses (Filoviridae). These viruses cause hemorrhagic fever - a serious condition that can lead to severe bleeding, organ failure, and death.

Question 19 :

Who among the following is set to become the first-ever female president of the Marylebone Cricket Club in its 233-year history?

Difficulty : Moderate

Average Time : 52 Seconds

Options :

1. Mithali Raj
2. Diana Edulji
3. Clare Connor
4. Alyssa Healy

Solution :

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

- **Clare Connor** is set to become the first-ever female president of the Marylebone Cricket Club in its 233-year history.
- She is currently serving as England and Wales Cricket Board's head of women's cricket. She made her England debut aged 19 in 1995 and went on to captain her country in 2000 before retiring six years later.

**Question 20 :**

In which year was the Indira Gandhi Institute of Development Research (IGIDR) inaugurated?

Difficulty : Moderate

Average Time : 50 Seconds

Options :

1. 1987
2. 1982
3. 1993
4. 1991

Solution :

The correct answer is **option 1** i.e. **1987**

- The Indira Gandhi Institute of Development Research (IGIDR) was inaugurated in **1987**.
- It is an advanced research and educational institution in India for carrying out research on developmental issues from a multi-disciplinary point of view which includes economics, energy and environmental policy.

Question 21 :

_____ is played on a synthetic hard court.

Difficulty : Moderate

Average Time : 44 Seconds

Options :

1. Wimbledon
2. Australian Open
3. London Queens Club
4. French Open

Solution :

The correct answer isn **option 2** i.e. **Australian Open**

- **Australian open** started in 1905 and is held annually in Melbourne over the fortnight of January. It is played on a synthetic hard court and was the first Grand Slam tournament to feature indoor play during wet weather or extreme heat where courts are equipped with retractable roofs.

Question 22 :



The Khilafat movement was led by _____.

Difficulty : Moderate

Average Time : 45 Seconds

Options :

1. Maulana Abul Kalam Azad
2. Muhammad Ali and Shaukat Ali
3. Muhammad Ali Jinnah
4. Syed Ahmad Khan

Solution :

The correct answer is **option 2** i.e. **Muhammad Ali and Shaukat Ali**

- The Khilafat movement was led by **Muhammad Ali and Shaukat Ali**.
- The Khilafat movement (1919-22) was a political campaign launched by Indian Muslims in British India over British policy against Turkey and the planned dismemberment of the Ottoman Empire after World War I by allied forces.

Question 23 :

In which year was the NITI Aayog formed?

Difficulty : Moderate

Average Time : 48 Seconds

Options :

1. 2015
2. 2012
3. 2017
4. 2018

Solution :

The correct answer is **option 1** i.e. **2015**

- NITI Aayog was formed in the year **2015** by the NDA government to replace Planning Commission.
- It is a policy think tank of the Indian government which provides inputs regarding the different programmes and policies of the government. It also gives relevant advice to the centre and state governments as well as to the Union territories.

Question 24 :

Which of the following is the largest jute producing state in India?



Difficulty : Moderate

Average Time : 47 Seconds

Options :

1. Bihar
2. West Bengal
3. Tripura
4. Meghalaya

Solution :

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

- **West Bengal** is the largest jute producing state in India.
- It contributes over 80% of India's total jute production. The fertile soil, abundant water supply from the Ganges and Brahmaputra rivers, and favourable climate make it an ideal region for jute farming.

Question 25 :

Fatehpur Sikri was founded as the capital of the Mughal Empire by _____.

Difficulty : Moderate

Average Time : 45 Seconds

Options :

1. Babur
2. Humayun
3. Jahangir
4. Akbar

Solution :

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

- Fatehpur Sikri is a town in the Agra District of Uttar Pradesh in India. It was founded as the capital of the Mughal Empire by **Akbar** serving this role from 1571 to 1585, when Akbar abandoned it due to a campaign in Punjab and was later completely abandoned in 1610.

Question 26 :

Which of the following Articles of the Constitution of India provides the 'Right to Education'?

Difficulty : Moderate

Average Time : 47 Seconds



Options :

1. Article 39A
2. Article 44
3. Article 12
4. Article 21A

Solution :

The correct answer is **option 4** i.e. **Article 21A**

- The Constitution (Eighty-sixth Amendment) Act, 2002 inserted **Article 21A** in the Constitution of India to provide free and compulsory education of all children in the age group of six to fourteen years as a Fundamental Right in such a manner as the State may, by law, determine.

Question 27 :

Who is the writer of the book 'A Tale of Two Victoria Crosses'?

Difficulty : Moderate

Average Time : 47 Seconds

Options :

1. Gen. Bipin Rawat
2. Jairam Ramesh
3. Lt. Gen. Baljit Singh
4. Major Gaurav Arya

Solution :

The correct answer is **option 3** i.e. **Lt. Gen. Baljit Singh**.

- **Lt. Gen. Baljit Singh**. is the author of the book 'A Tale of Two Victoria Crosses'.
- The book is a tribute paid by the author to a hero of the Indian Army, who won a posthumous Victoria Cross in the Second World War in Burma- Lt. Karamjeet Singh, VC.

Question 28 :

A type of asexual reproduction in which new plants are produced from roots, stems, leaves and buds is known as _____.

Difficulty : Moderate

Average Time : 52 Seconds

Options :



grafting propagation

2. layering propagation

3. budding propagation

4. vegetative propagation

Solution :

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

- A type of asexual reproduction in which new plants are produced from roots, stems, leaves and buds is known as **vegetative propagation**.
- Many plants naturally reproduce this way, but it can also be induced artificially. Horticulturists have developed asexual propagation techniques that use vegetative propagules to replicate plants.

Question 29 :

When was the Indian Rupee de-linked from the Pound Sterling?

Difficulty : Moderate

Average Time : 49 Seconds

Options :

1. 1975
2. 1947
3. 1982
4. 1963

Solution :

The correct answer is **option 1** i.e. **1975**

- The Indian Rupee de-linked from the Pound Sterling in **1975** and was linked to basket of currencies.
- During British regime and till late sixties, most of India's trade transactions were dominated to pound sterling.

Question 30 :

In terms of area, which is the second-largest state in India?

Difficulty : Moderate

Average Time : 41 Seconds



Options :

1. Karnataka
2. Rajasthan
3. Madhya Pradesh
4. Uttar Pradesh

Solution :

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

- **Madhya Pradesh** is the second-largest state in India in terms of area.

•

The state of **Madhya Pradesh** covers an area of 308,252 square kilometres (119,017 sq mi). It is also the fifth largest by population.

Question 31 :

In which of the following folk dances of South India do the dancers balance pots on their heads?

Difficulty : Moderate

Average Time : 48 Seconds

Options :

1. Kolattam
2. Mayilattam
3. Karagattam
4. Pampu Attam

Solution :

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

- **Karagattam** is a Tamil folk dance involving the balancing of clay or metal pots or other objects on the dancers head. This dance is usually associated with the worship of Amman.

Question 32 :

The renowned classical singer Uday Bhawalkar is an exponent of which form of Hindustani classical music?

Difficulty : Moderate

Average Time : 42 Seconds

Options :



Ghazal

2. Tarana

3. Thumri

4. Dhrupad

Solution :

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

- Uday Bhawalkar is an Indian classical vocalist who is an exponent of the **dhrupad** genre.
- He was trained in **dhrupad** in the Guru Shishya Parampara, under the tutelage of Zia Fariduddin Dagar, and later under his guru's elder brother, Zia Mohiuddin Dagar.

Question 33 :

Who among the following had been appointed as the Chairman of the National Stock Exchange (NSE) in December 2019?

Difficulty : Moderate

Average Time : 48 Seconds

Options :

1. Girish Chandra Chaturvedi
2. Ashish Kumar Chauhan
3. Ashok Chawla
4. Vikramajit Sen

Solution :

The correct answer is **option 1** i.e. **Girish Chandra Chaturvedi**

- **Girish Chandra Chaturvedi** had been appointed as the Chairman of the National Stock Exchange (NSE) in December 2019.
- He was a retired IAS officer and former secretary of Ministry of Petroleum and Natural Gas.
- After his retirement from the regular service, he was appointed by the Government of India as the member and then the Chairman of Warehousing Development and Regulatory Authority of India till January 2018.
- Prior to his retirement from Indian Administrative Services, he served Government of India at various levels across a number of sectors, including Banking, Insurance, Pension, Health, Family Welfare and Petroleum and Natural Gas.

Question 34 :

Which of the following states won the United Nations Interagency Task Force (UNIATF) award for its outstanding

performance in controlling non-communicable diseases in September 2020?

Difficulty : Moderate

Average Time : 65 Seconds

Options :

1. Himachal Pradesh
2. West Bengal
3. Goa
4. Kerala

Solution :

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

- **Kerala** won the United Nations Interagency Task Force (UNIATF) award for its outstanding performance in controlling non-communicable diseases in September 2020.
- The award recognised achievements of the state during 2019 in the prevention and control of Non communicable Diseases and mental health.
- **Kerala** has facilities at all levels to treat lifestyle diseases starting from public health centres to hospitals and was able to control the death rate of COVID-19 as it focused in Non-Communicable Diseases.
- **Kerala** is one among the seven ministries of health from all over the world to receive the award.

Question 35 :

The Great Stupa at Sanchi was built by _____.

Difficulty : Moderate

Average Time : 61 Seconds

Options :

1. Bindusara
2. Ashoka
3. Chandragupta
4. Harshavardhana

Solution :

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

- The Great Stupa at Sanchi was built by the Mauryan emperor **Ashoka** in the 3rd century BCE and is believed to



house ashes of the Buddha. It is located in Madhya Pradesh and is one of the oldest Buddhist monuments in India and the largest stupa at the site.

Question 36 :

Which of the following is the primary constituent of a pearl?

Difficulty : Moderate

Average Time : 46 Seconds

Options :

1. Potassium sulfate
2. Calcium sulfate
3. Calcium peroxide
4. Calcium carbonate

Solution :

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

- The primary constituent of a pearl is **calcium carbonate**.
- A pearl is created when an irritant such as a small piece of sand finds its way into an oyster or mollusk either naturally or with human intervention. The oyster or mollusk starts secreting a fluid in order to coat the irritant which later becomes a pearl. The actual duration of forming a pearl ranges from 6 months to several years.

Question 37 :

Each kho-kho team consists of 12 players, but during a contest, only _____ players from each team take the field.

Difficulty : Moderate

Average Time : 55 Seconds

Options :

1. 7
2. 11
3. 9
4. 8

Solution :

The correct answer is **Option 3** i.e. **9**

- Each kho-kho team consists of 12 players, but during a contest, only **9** players from each team take the field.
- Kho kho is a traditional Indian sport and is the second-most popular traditional tag game in the Indian subcontinent



after kabaddi. Kho kho is played on a rectangular court with a central lane connecting two poles which are at either end of the court.

Question 38 :

The legal provisions governing the management of foreign exchange reserves are laid down in the Reserve Bank of India Act, _____.

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

1. 1934
2. 1923
3. 1947
4. 1971

Solution :

The correct answer is **option 1** i.e. **1934**

- The Reserve Bank of India Act, **1934**, provides the overarching legal framework for the deployment of reserves in different foreign currencies assets, and gold within the broad parameters of currencies, instruments, issuers, and counterparties. The guiding objectives of foreign exchange reserve management in India are similar to those of many central banks in the world.

Question 39 :

The Nobel Prize in Literature 2019 was won by:

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

1. Alice Ann Munro
2. Peter Handke
3. Olga Tokarczuk
4. Svetlana Alexandrovna Alexievich

Solution :

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

- The Nobel Prize in Literature 2019 was won by **Peter Handke** "for an influential work that with linguistic ingenuity



has explored the periphery and the specificity of human experience". He is the second Austrian Nobel laureate in Literature after Elfriede Jelinek, who won the prize in 2004.

Question 40 :

The total number of ministers, including the Prime Minister, in the Council of Ministers CANNOT be more than _____ of the total number of members of the Lok Sabha.

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

1. 6%
2. 30%
3. 15%
4. 21%

Solution :

The correct answer is **option 3** i.e. **15%**

- The total number of ministers, including the Prime Minister, in the Council of Ministers cannot be more than **15%** of the total number of members of the Lok Sabha.
- It was inserted into **Article 75** of the Indian Constitution through Clause (1A) by the 91st Constitutional Amendment Act of 2003.

Question 41 :

Who was the first ruler of the Gupta Dynasty who claimed the title of Maharajadhiraja?

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

1. Ramagupta
2. Chandragupta I
3. Samudragupta
4. Skandagupta

Solution :

The correct answer is **Option 2** i.e. **Chandragupta I**

- **Chandragupta I** was the first ruler of the Gupta Dynasty who claimed the title of Maharajadhiraja.



He reigned between 319 and 334 CE and was a prominent ruler among Gupta empire rulers, who expanded the empire beyond the limits.

- A widely accepted theory among modern historians is that his marriage to the Licchavi princess Kumaradevi helped him extend his political power.
- Their son Samudragupta strengthened the empire much further.

Question 42 :

Yaoshang festival primarily celebrated in _____.

Difficulty : Moderate

Average Time : 51 Seconds

Options :

1. Mizoram
2. Meghalaya
3. Tripura
4. Manipur

Solution :

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

- Yaosang is a festival celebrated in **Manipur** for five days every year on the full moon of Lamta (February-March) of the Meitei lunar calendar.
- Yaosang is indigenous traditions of the Meitei people and is considered the most important festival in **Manipur**.

Question 43 :

Which simple machine is used in a see-saw?

Difficulty : Moderate

Average Time : 44 Seconds

Options :

1. Wedge
2. Pulley
3. Lever
4. Wheel and axle

Solution :

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

Lever is a simple machine used in a see-saw.

- It is a straight rod or board that pivots on a stationary point called a pivot point or a fulcrum.
- Levers are often used to lift heavy loads.

Question 44 :

Which of the following is the largest bauxite producing state in India?

Difficulty : Moderate

Average Time : 44 Seconds

Options :

1. Rajasthan
2. Jharkhand
3. Odisha
4. Gujarat

Solution :

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

- **Odisha** is the largest bauxite producing state in India.
- It accounts for about 50% of bauxite production in India.
- Odisha's main bauxite deposits are in Koraput, Kalahandi, Sundergarh, Bolangir, and Sambalpur districts.

Question 45 :

As per the Economic Survey 2020, the share of formal employment increased from 17.9 per cent in 2011-12 to _____ per cent in 2017-18, reflecting formalisation in the Indian economy.

Difficulty : Moderate

Average Time : 46 Seconds

Options :

1. 28.8
2. 30.8
3. 20.8
4. 22.8

Solution :

The correct answer is **option 4** i.e. **22.8**

- As per the Economic Survey 2020, the share of formal employment increased from 17.9 per



cent in 2011-12 to **22.8** per cent in 2017-18, reflecting formalisation in the Indian economy.

- According to the survey, India's GDP will grow at 6 to 6.5 percent in 2020-21 and is on its way towards achieving the \$5 trillion economy target by 2024-25.

Question 46 :

In which of the following state Jog Falls is located?

Difficulty : Moderate

Average Time : 47 Seconds

Options :

1. Uttarakhand
2. Karnataka
3. Jharkhand
4. Sikkim

Solution :

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

Jog Falls is located in **Karnataka**. It is the second highest plunge waterfall in India. It is a segmented waterfall which depends on rain and season to become a plunge waterfall. The falls are major attractions for tourists and is ranked 36th in the list of free-falling waterfalls, 490th in the world by list of waterfalls by total height, 128th in the list of single-drop waterfalls in the World by the waterfall database.

Question 47 :

Article 19(d) of the Constitution of India is related to which of the following?

Difficulty : Moderate

Average Time : 52 Seconds

Options :

1. right to freedom of speech
2. right to assemble peaceably
3. right to move freely throughout the territory of India
4. right to practice any profession

Solution :

The correct answer is **Option 3** i.e. **right to move freely throughout the territory of India**



Article 19(d) of the Constitution of India deals with the **right to move freely throughout the territory of India.**

- A citizen of India can move freely throughout the territory of India. But this right can also be restricted on the grounds of security, public order or for protecting the interests of the Scheduled Tribes.

Question 48 :

The Nobel Prize in Physiology or Medicine 2020 has been awarded jointly to _____.

Difficulty : Moderate

Average Time : 55 Seconds

Options :

1. Abhijit Banerjee, Esther Duflo and Michael Kremer
2. Vitaly L Ginzburg, Karl von Frisch and Willard S Boyle
3. John B Goodenough, Leonid Hurwicz and Doris Lessing
4. Harvey J Alter, Michael Houghton and Charles M Rice

Solution :

The correct answer is **option 4** i.e. **Harvey J Alter, Michael Houghton and Charles M Rice**

- The Nobel Prize in Physiology or Medicine 2020 has been awarded jointly to **Harvey J Alter, Michael Houghton and Charles M Rice** for the discovery of Hepatitis C virus.
- Their works contributed to the isolation of the blood-borne virus, causing chronic hepatitis in 80% of infected person, resulting in cirrhosis, and in elevated risk of liver failure and hepatocellular carcinoma formation.
- Their results created the basis of HCV screening of blood, and blood products, achieving more than 95% cure of infected people without nearly side effects with direct-acting antiviral agents, supporting the goal of the WHO targeting the elimination of viral hepatitis by 2030.

Question 49 :

What is India's ranking in the World Bank's Ease of Doing Business 2020 report?

Difficulty : Moderate

Average Time : 72 Seconds

Options :

1. 53rd
2. 67th
3. 63rd
4. 77th

Solution :



The correct answer is **option 3** i.e. **63rd**

- India ranked the **63rd** Position in the World Bank's Ease of Doing Business 2020 report.
- The Ease of Doing Business 2020 features three case studies- business regulatory reforms such as starting a business, getting credit, paying taxes, and resolving insolvency; contracting with the government, and employing workers.

Question 50 :

Shah Jahan ruled the Mughal Empire from.....

Difficulty : Moderate

Average Time : 45 Seconds

Options :

1. 1621 to 1659 AD
2. 1628 to 1658 AD
3. 1627 to 1660 AD
4. 1626 to 1659 AD

Solution :

The correct answer is **Option 2** i.e. **1628 to 1658 AD**

- The Mughal Empire was ruled by Shah Jahan from **1628 to 1658 AD**.
- He was the fifth Mughal emperor and is known for building the Taj Mahal which serves as one of the prime historical monuments representing the heritage of the Mughal Empire.
- Under his emperorship, the Mughals reached the peak of their architectural achievements and cultural glory.

Question 51 :

The Simon Commission was sent to India in which of the following year?

Difficulty : Moderate

Average Time : 50 Seconds

Options :

1. 1928
2. 1919
3. 1938
4. 1918

**Solution :**

The correct answer is **Option 1** i.e. **1928**

- The Simon Commission was sent to India in **1928** to study constitutional reform in Britain's largest and most important possession.
- It was a group of seven Members of Parliament under the chairmanship of **Sir John Simon**.
- The arrival of the Simon Commission marked the abolishment of the dyarchy.
- It extended the timeline of government governing in the provinces.
- It suggested the establishment of the federation of British India and the princely states.
- The communal electorate continued in the pact of the Simon Commission.
- The British government announced the conduction of Three Round Table Conferences to approve the proposals raised in the Simon Commission. Then, the British government published the White Paper on the agreed constitutional reforms.
- All these processes helped in laying the foundation for the next Government of India Act in 1935.

Question 52 :

Which of the following longitudes is the standard meridian of India?

Difficulty : Moderate

Average Time : 72 Seconds

Options :

1. 72 degree 30' E
2. 82 degree 30' E
3. 52 degree 30' E
4. 82 degree 50' E

Solution :

The correct answer is **Option 2** i.e. **82 degree 30' E**

The longitude of **82° 30' E** is treated as the standard meridian in India which goes through Mirzapur in Uttar Pradesh and is considered as the standard time for the entire nation.

Question 53 :

As per data from the World Economic Forum, the manufacturing sector in India has grown by over _____ per year on average in the last three decades.

Difficulty : Moderate

Average Time : 47 Seconds

Options :

1. 12%
2. 7%
3. 2%
4. 20%
5. 17%

Solution :

The correct answer is **Option 2** i.e. 7%

- As per data from the World Economic Forum, the manufacturing sector in India has grown by over 7% per year on average in the last three decades.
- The World Economic Forum has ranked India at 30th position on a global manufacturing index - below China's 5th place but above other BRICS peers, Brazil, Russia and South Africa.

Question 54 :

Which of the following statements is correct?

Difficulty : Moderate

Average Time : 48 Seconds

Options :

1. The Speaker of the Lok Sabha presides over a joint sitting of the two Houses of Parliament.
2. The Prime Minister presides over a joint sitting of the two Houses of Parliament.
3. The Chairman of the Rajya Sabha presides over a joint sitting of the two Houses of Parliament.
4. The Home Minister presides over a joint sitting of the two Houses of Parliament.
5. None of the above

Solution :

The correct answer is **Option 1** i.e. **The Speaker of the Lok Sabha presides over a joint sitting of the two Houses of Parliament.**

- The joint sitting of the Parliament is called by the President of India (Article 108) and is presided over by the Speaker of the Lok Sabha or, in their absence, by the Deputy Speaker of the Lok Sabha, or in their absence, the Deputy Chairman of the Rajya Sabha.
- The Chairperson of the Rajya Sabha, who is the Vice President of India, doesn't preside over the joint session.
- If any of the above officers are not present then any other member of the Parliament can preside by consensus of

both the House.

Question 55 :

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

Difficulty : Moderate

Average Time : 82 Seconds

Options :

1. Clear
2. Transparent
3. Translucent
4. Opaque

Solution :

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

Clear means easy to see.

Transparent means easy to see through.

Translucent means allowing light to pass through but not transparent.

Opaque means you cannot see through.

In clear, transparent, and translucent you can see things, but in opaque you cannot.

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

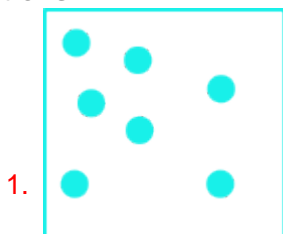
Question 56 :

Three of the following four figures are alike in a certain and one is different. Select the odd one.

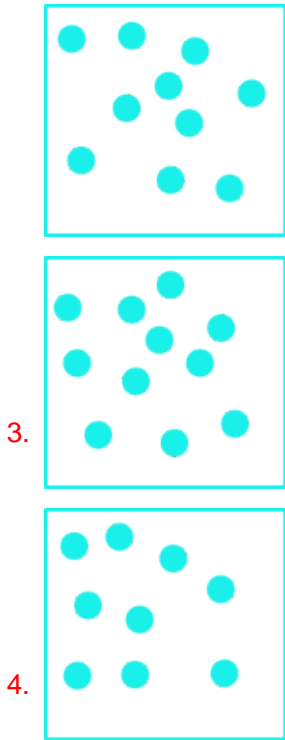
Difficulty : Moderate

Average Time : 51 Seconds

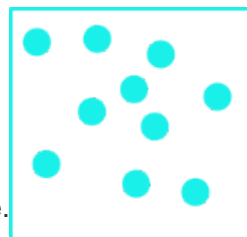
Options :



2.



Solution :



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

The logic used here is:

There are odd number of dots in each square, except in option 2, where there are even number of dots.

Hence, **option 2** is the odd one out.

Question 57 :

Select the option that is related to the third number in the same way as the second number to the first number. 6385: 549:: 8396:?

Difficulty : Moderate

Average Time : 65 Seconds

Options :

659

2. 1458

3. 2711

4. 981

Solution :

The correct answer is **option 2** i.e. **1458**.

The logic used here is:

6385: 549

Similarly;

8396:?

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

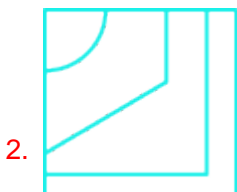
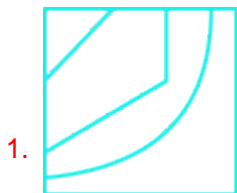
Question 58 :

Which figure will replace the question mark (?) to complete the pattern?

Difficulty : Moderate

Average Time : 37 Seconds

Options :



3.



Solution :



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

The figure that will complete the pattern:



Question 59 :

In the Venn diagram given below, the 'rectangle' represent 'Male' the 'triangle' represents 'Engineers', and the 'circle' represent 'Tall', The number given in the diagram represent number of persons of that particular category

Difficulty : Moderate

Average Time : 65 Seconds

Options :

1. 19
2. 10
3. 9
4. 13

Solution :

The correct answer is **option 4** i.e. **13**.



The number of engineers who are not males = Number that is present in the triangle but not rectangle = $9 + 3 + 1 = 13$

Question 60 :

Three different positions of the same non-standard dice are. Which letter will be on the face opposite to the face with the letter 'A'?

Difficulty : Moderate**Average Time : 38 Seconds****Options :**

1. G
2. Q
3. T
4. K

Solution :

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

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

Clockwise direction:

Dice 2: T A Q

Dice 3: T K G

So, A is opposite to K.

Anticlockwise direction:

Dice 2: T K G

Dice 3: T G K

So, A is opposite to K.

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

Question 61 :

Which figure will replace the question mark (?) in the following series?

Difficulty : Moderate**Average Time : 52 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 circle is increased by one in the clockwise direction.
2. The number of unshaded rectangles increases by one in the next figure.

The image series:



Question 62 :

'Factory' is related to 'Production' in the same way as 'Warehouse' is relates to'_____':

Difficulty : Moderate

Average Time : 68 Seconds

Options :

1. Marketing
2. Sales
3. Storage
4. Display

Solution :

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

The logic used here is:

'Factory' is related to 'Production'

Production is done in the factory.

Similarly;

'Warehouse' is relates to'_____'

Storage of goods is done in the warehouse.

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

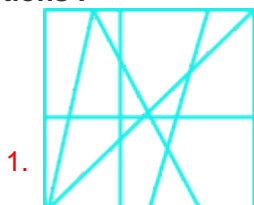
Question 63 :

Select the option figure in which the given is embedded (rotation is NOT allowed).

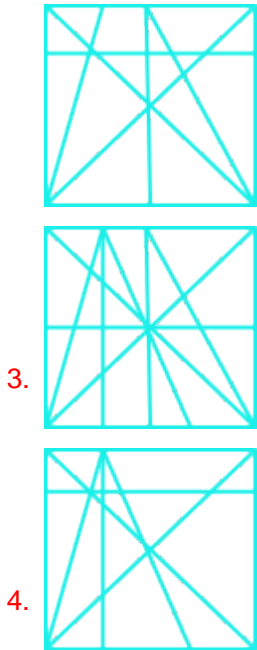
Difficulty : Moderate

Average Time : 46 Seconds

Options :



2.



Solution :



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

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



Question 64 :

Select the option that is related to Figure C in the same way as Figure B is related to Figure A.

Difficulty : Moderate

Average Time : 63 Seconds

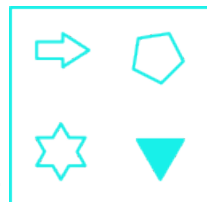
Options :

1.

- 1.
- 2.
- 3.
- 4.



Solution :



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

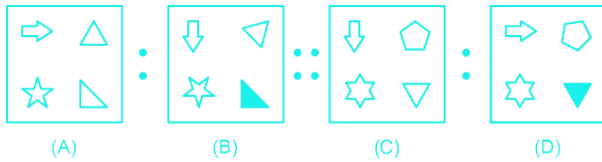
The logic used here is:

Logic between A and B:

1. The top left corner figure is rotated by 90 degrees in the clockwise direction.
2. The bottom right corner figure is shaded.
3. The top right figure is rotated by 90 degrees in the anticlockwise direction.
4. The bottom left figure is rotated by 45 degrees in the anticlockwise direction.

Similarly; the pattern will be followed by C and D.

The pattern is:



Question 65 :

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 : 81 Seconds

Options :

1. C
2. D
3. B
4. A

Solution :

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

The logic used here is:

The lines inside the square are parallel.

But in option 2, i.e. in Figure D, the lines are parallel.

Hence, **option 2** is the odd one out.

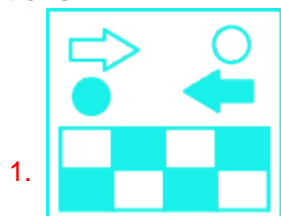
Question 66 :

Select the correct mirror image of the given figure when a vertical mirror is placed to the right of the figure.

Difficulty : Moderate

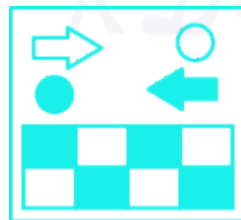
Average Time : 45 Seconds

Options :



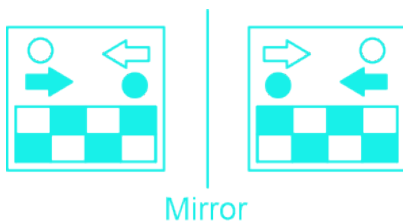
- 3.
- 4.

Solution :



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

The mirror image of the question figure is shown below:



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 67 :

In a code language, REJOICE is written as VXRLQVI. How Will VICTORY be written in that language?

Difficulty : Moderate

Average Time : 72 Seconds

Options :

1. BILGERX
2. BILGXRE
3. ERXGLIB
4. ERXGBIL

Solution :

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

The logic used here is:

REJOICE is written as VXRLQVI

First, reverse the code.

REJOICE = IVQRLXV

Opposite of R = I

Opposite of E = V

Opposite of J = Q

Opposite of O = L

Opposite of I = R

Opposite of C = X

Opposite of E = V

Similarly;

Code for the word VICTORY:

Opposite of V = E

Opposite of I = R

Opposite of C = X

Opposite of T = G

Opposite of O = L

Opposite of R = I

Opposite of Y = B

VICTORY = BILGXRE

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

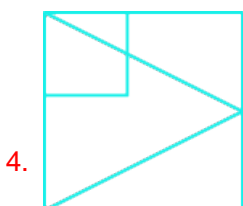
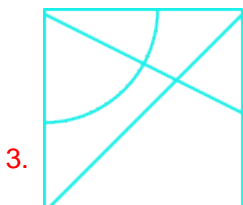
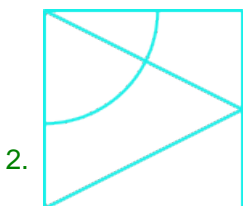
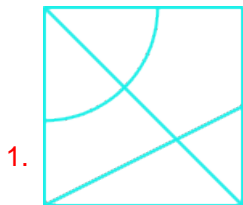
Question 68 :

Which figure will replace the question mark (?) to complete the pattern?

Difficulty : Moderate

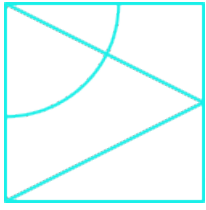
Average Time : 69 Seconds

Options :



Solution :

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



The figure that will complete the pattern:



Question 69 :

Which number will replace the question mark (?) in the following series? 157, 193, 238, 292, ?, 427, 508, 598

Difficulty : Moderate

Average Time : 59 Seconds

Options :

1. 375
2. 363
3. 361
4. 355

Solution :

The correct answer is **option 4** i.e. **355**.

Given series: 157, 193, 238, 292, ?, 427, 508, 598

The series follows this pattern:

$$157 + 36 = 193$$

$$193 + (36 + 9) = 193 + 45 = 238$$

$$238 + (45 + 9) = 238 + 54 = 292$$

$$292 + (54 + 9) = 292 + 63 = 355$$

$$355 + (63 + 9) = 355 + 72 = 427$$





$$427 + (72 + 9) = 427 + 81 = 508$$

$$508 + (81 + 9) = 508 + 90 = 598$$

So, the missing term in the series is **355**.

Question 70 :

A shopkeeper buys a product for Rs.80 and marks a price assuming a profit of 50% on his cost price. At the time of making the sale, he gives a 20% discount on the market price. What is the amount of net profit he makes on his product?

Difficulty : Moderate

Average Time : 49 Seconds

Options :

1. Rs.20
2. Rs.25
3. Rs.24
4. Rs.16

Solution :

The correct answer is **option 4** i.e. **Rs.16**.

The cost price of the product = Rs. 80

Marked price = $80 + 80 \text{ of } 50\% = 120$

Selling price = M.P - M.P of 20%

S.P = $120 - 120 \text{ Of } 20\%$

S.P = $120 - 24$

S.P = Rs. 96

As selling price is greater than the cost price, the shopkeepers incurs a profit.

Profit = S.P - C.P = $96 - 80 = \text{Rs.16}$

Question 71 :

Select the set in which the numbers are related in the number of the numbers of the following set. (7, 30, 40)

Difficulty : Moderate

Average Time : 51 Seconds

Options :

(8, 1, 54)

2. (5, 2, 16)

3. (7, 4, 35)

4. (6, 3, 27)

Solution :

The correct answer is **option 4** i.e. **(6, 3, 27)**.

The logic used here is:

(7, 30, 40)

$30 + 40 = 70$

70 is divisible by 7.

Similarly;

(6, 3, 27)

$27 + 3 = 30$

30 is divisible by 6.

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

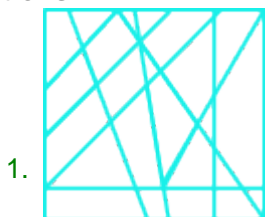
Question 72 :

Select the option figure in which the given figure is embedded (rotation is NOT allowed).

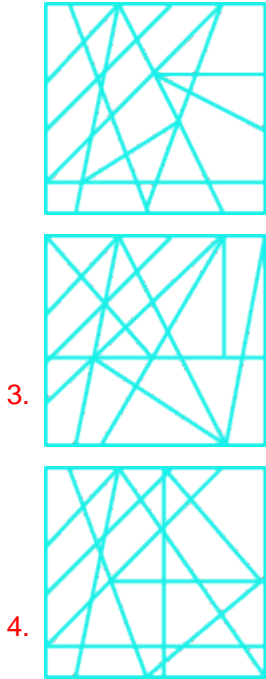
Difficulty : Moderate

Average Time : 41 Seconds

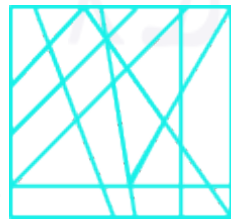
Options :



2.

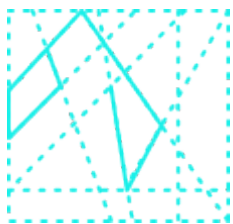


Solution :



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

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



Question 73 :

Which figure will replace the question mark (?) in the following series?

Difficulty : Moderate

Average Time : 60 Seconds

Options :

1.

- 1.
- 2.
- 3.
- 4.



Solution :

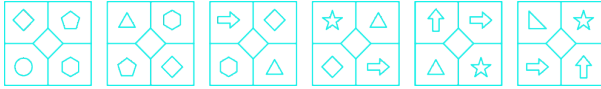


The correct answer is **option 4** i.e.

The logic used here is:

1. The top left figure is moved to the bottom right corner.
2. The top right figure is moved to the bottom left corner.
3. The bottom left figure is moved to the top right corner.
4. Any new figure is added at the top left corner.

The image series:



Question 74 :

Select the Venn diagram that best illustrates the relationship between the following classes. School (S), Teacher (T), Principal (P)

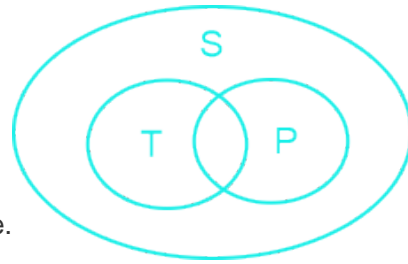
Difficulty : Moderate

Average Time : 75 Seconds

Options :

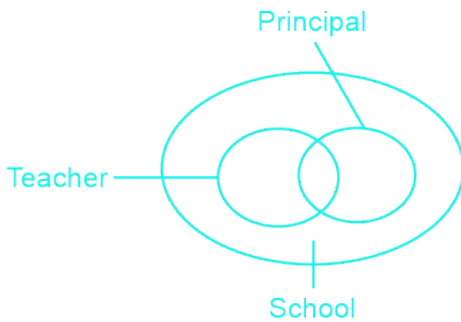
- 1.
- 2.
- 3.
- 4.

Solution :



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

The possible Venn diagram is:



Some teachers are principals. All teachers and principals are at school.

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

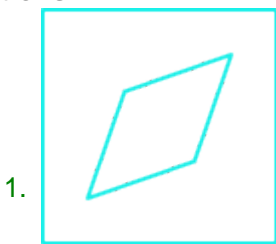
Question 75 :

A paper is folded and cut as shown below. How will it appear when unfolded?

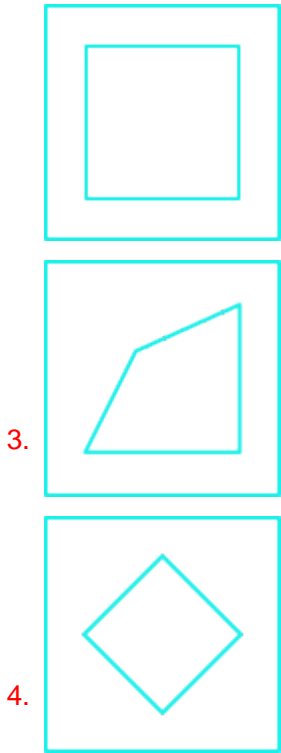
Difficulty : Moderate

Average Time : 66 Seconds

Options :



2.

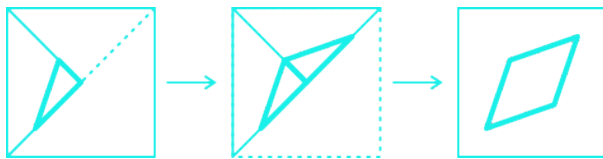


Solution :



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

After unfolding, the paper will appear as follows:



Question 76 :

Electronic mail belongs to which of the following services on the Internet?

Difficulty : Moderate

Average Time : 59 Seconds

Options :



World wide web

2. Web services

3. Communication services

4. Information retrieval services

Solution :

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

Electronic mail belongs to which of the **Communication services** on the Internet.

Communication services is an act of transmission and receipt of information between two or more points.

A **web service** is a system that supports machine-to-machine interaction over a network.

Information retrieval (IR) services allow users to search and retrieve documents from a database.

Question 77 :

Which of the following options is used to view the page or make adjustments before any document gets printed in MS Word?

Difficulty : Moderate

Average Time : 57 Seconds

Options :

1. Print Preview

2. Outline

3. Web Layout

4. Draft

Solution :

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

Print Preview is used to view the page or make adjustments before any document gets printed in MS Word.

Shortcut: Ctrl+P

Outline: Manage a document's structure and headings without getting lost in the text.

Web Layout: Used to view documents as they would appear in a web browser.



Draft: Used to show the user what the page would look like before printing the final copy.

Question 78 :

.....functions returns the current date and time in MS Excel?

Difficulty : Moderate

Average Time : 55 Seconds

Options :

1. NOW
2. DATEVALUE
3. TIME
4. DATE

Solution :

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

NOW function: Returns the current date and time in MS Excel.

DATEVALUE: Used to convert a date that is stored as text to a serial number that Excel recognizes as a date.

TIME: Used to return the decimal number for a particular time.

DATE: Used to return the sequential serial number that represents a particular date.

Question 79 :

Which of the following refers to the specific address associated with each web page displayed on the internet?

Difficulty : Moderate

Average Time : 53 Seconds

Options :

1. URL
2. FTP
3. HTTP
4. WWW

Solution :

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

URL: Uniform Resource Locator



It refers to the specific address associated with each web page displayed on the internet.

A typical URL could have the form <http://www.example.com/index.html>, which indicates a protocol (http), a hostname (www.example.com), and a file name (index.html).

FTP: File Transfer Protocol

It is an application layer protocol that moves files between local and remote file systems.

HTTP: Hypertext Transfer Protocol

It is used to load webpages using hypertext links designed to transfer information between networked devices.

WWW: World Wide Web

It is an information system enabling information to be shared over the Internet through simplified ways.

Question 80 :

With reference to text formatting, the 'Italic' option belongs to which of the following categories in MS Word?

Difficulty : Moderate

Average Time : 68 Seconds

Options :

1. Effects
2. Size
3. Font style
4. Font face

Solution :

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

With reference to text formatting, the 'Italic' option belongs to the **Font style** categories in MS Word

Path: Format > Font > Font

Shortcut: Press and hold + D

Effects: Text effects can be changed by changing its fill, changing its outline, or adding effects, such as shadows, reflections, or glows.

Font face: It specifies the list of prioritized fonts and generic font names.

Size: Used to indicate the height of the text.

Question 81 :

Which of the following, with reference to opening an already existing document, is FALSE in MS Word 2007?

Difficulty : Moderate

Average Time : 58 Seconds

Options :

1. Click on the "office button Open"
2. shortcut key for opening existing word document is Ctrl+O
3. After clicking on open, from the window opened, double-click on the file
4. shortcut key for opening existing word document is Ctrl+M

Solution :

The correct answer is **option 4** i.e. **shortcut key for opening existing Word documents is Ctrl+M.**

Shortcut key for opening existing Word document: CTRL + O.

Hence, the statement shortcut key for opening existing Word documents is Ctrl+M is FALSE.

Question 82 :

Which of the following shortcut keys is used to cut data from a cell in MS Excel?

Difficulty : Moderate

Average Time : 52 Seconds

Options :

1. Ctrl+C
2. Ctrl+Z
3. Ctrl+X
4. Ctrl+V

Solution :

The correct answer is **option 3** i.e. **Ctrl+X.**

Ctrl+X: Used to cut data from a cell in MS Excel.

Ctrl+C: Used to copy data from a cell in MS Excel.

Ctrl+Z: Used to undo the last action in MS Excel.

Ctrl+V: Used to paste data from a cell in MS Excel.



Question 83 :

.....shows the address of the current selection or active cell in MS Excel.

Difficulty : Moderate

Average Time : 50 Seconds

Options :

1. Column heading
2. Name box
3. Formula bar
4. Row heading

Solution :

The correct answer is **Option 2** i.e. **Name box**

- The **name box** shows the address of the current selection or active cell in MS Excel.
- It is located on the left side of the Excel window and is used to give a name to a table or any cell.

Question 84 :

Which of the following options in MS Word is used to colour the background behind the selected text or paragraph?

Difficulty : Moderate

Average Time : 48 Seconds

Options :

1. Font Colour
2. Shading
3. Format Painter
4. Text Highlight Colour

Solution :

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

Shading is used to colour the background behind the selected text or paragraph.

Font Colour: Used to change the color of text in the document.

Format Painter: Used to apply the same formatting, such as color, font style, etc., to text.

Question 85 :

Which of the following is the full form of 'BCC', a field of E-mail header?



Difficulty : Moderate

Average Time : 46 Seconds

Options :

1. Basic carbon copy
2. Blind carbon copy
3. Basic common copy
4. Blind common copy

Solution :

The correct answer is **option 2** i.e. **Blind carbon copy**.

Bcc: Blind carbon copy

All email addresses that are mentioned in the BCC field are kept hidden, so recipients in the To and CC fields are unable to see them.

Question 86 :

A hall is 14 m long and 11 m board , IF the sum of the areas of floor and the celing is equal to the sum of the aeras of the four walls, then the volume (in m³) of the hall is:

Difficulty : Moderate

Average Time : 51 Seconds

Options :

1. 975.32
2. 948.64
3. 1000
4. 864.64

Solution :

The correct answer is **option 2** i.e. **948.64**

The length of the hall = 14 m

Breadth of hall = 11 m

Area of the rectangle = length × breadth

Area of four walls of a rectangular hall = 2 × (length + breadth) × height

Volume of cuboid = (length × breadth × height)

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Let the height of the rectangular hall be x .

$$\text{Area of floor or ceiling} = (14 \times 11) = 154 \text{ m}^2$$

$$\text{Sum of the floor and ceiling of the hall} = (154 + 154) = 308 \text{ m}^2$$

$$\text{The area of four walls of the hall} = 2 \times (14 + 11) \times x = 50x$$

According to the question -

$$\text{Sum of the areas of the floor and the ceiling} = \text{Sum of the areas of the four walls}$$

$$50x = 308$$

$$x = 308/50 = 154/25 \text{ m}^2$$

$$\text{Volume of the hall} = (14 \times 11 \times 154/25) = 948.64 \text{ m}^3$$

Question 87 :

3 birds fly along the circumference of a jungle, They complete one round in 27 minutes, 45 minutes, and 60 minutes, respectively, Since they start together, When will they meet again (in minutes) at the starting position?

Difficulty : Moderate

Average Time : 75 Seconds

Options :

1. 450
2. 945
3. 600
4. 360

Solution :

The correct answer is **option 2** i.e. **945**

3 birds fly along the circumference of a jungle.

Time Taken by the First bird to complete one round = 27 minutes

Time Taken by the second bird to complete one round = 45 minutes

Time Taken by the Third bird to complete one round = 63 minutes

In the circular track, the time of the First meeting at the starting point = LCM of time taken by them to cover 1 round

LCM of 27, 45 and 63 -



$$27 = 3 \times 3 \times 3 = 3^3$$

$$45 = 3 \times 3 \times 5 = 3^2 \times 5$$

$$63 = 3 \times 3 \times 7 = 3^2 \times 7$$

$$\text{LCM} = 27 \times 5 \times 7 = 945 \text{ minutes}$$

Question 88 :

The difference between a two-digit number and the number obtained by interchanging the digits is 54. What is the difference between the sum and the difference of the digit of the number if the ratio of the digits of the number is 3 : 1?

Difficulty : Moderate**Average Time : 66 Seconds****Options :**

1. 4

2. 3

3. 6

4. 8

Solution :

The correct answer is option 3 i.e. 6

The difference between a two-digit number and the number obtained by interchanging the digits is 54.

The ratio of the digits of the number is 3 : 1.

Let the unit digit of the number be x and the tenth digit be y.

The number = $10x + y$

When we interchange the digit of the number, the new number = $10y + x$

ATQ -

$$(10x + y) - (10y + x) = 54$$

$$10x + y - 10y - x = 54$$

$$9x - 9y = 54$$

$$9(x - y) = 54$$

$$x - y = 6 \dots\dots(1)$$

$$x : y = 3 : 1$$

$$x = 3y \dots\dots(2)$$

By (1) and (2) -

$$3y - y = 6$$

$$2y = 6$$

$$y = 3$$

$$x = 3y$$

$$x = 3 \times 3 = 9$$

So, the unit digit of the number = $x = 9$

The tenth digit of the number = 3

$$\text{Sum of the digits} = 9 + 3 = 12$$

$$\text{Difference of digit} = 9 - 3 = 6$$

$$\text{Difference between the sum and difference of the digits} = 12 - 6 = 6$$

Question 89 :

The distance between two places. A and B, is 190 km, A bus starts from A at 6 a.m. and travels towards B at 40 km/h
Another bus starts from B at 7 a.m. and travels towards A at 50 km/h what time will they meet?

Difficulty : Moderate

Average Time : 84 Seconds

Options :

1. 8.10 a.m.
2. 9.20 a.m.
3. 8.40 a.m.
4. 9 a.m.

Solution :

The correct answer is **option 3** i.e. **8.40 a.m.**

Distance between two places A and B = 190 km

Speed of bus from A (S_A) = 40 km/h

Speed of bus from B (S_B) = 50 km/h

Bus A starts at 6 a.m. from A to B.

Bus B starts at 7 a.m. from B to A.

When two bodies are in motion in opposite directions -

$(S_A + S_B) = D/T$, [Where, D = Distance, T = Time]

Bus A starts at 6 a.m. from A one hour before bus B it travels 40 km in one hour.

Remaining distance = 150 km

At 7 a.m. both trains start moving in opposite directions.

$(S_A + S_B) = D/T$

$(40 + 50) = 150/T$

$90 = 150/T$

$T = 150/90$

$T = 5/3$

$T = 1$ hour 40 minute

Time to meet = 8.40 a.m.

Question 90 :

A is 30% more efficient than B and B can finish a certain job in 13 days. How many days will a alone take to complete the same job?

Difficulty : Moderate

Average Time : 82 Seconds

Options :

1. 7

2. 9

3. 10

4. 11

Solution :

The correct answer is **option 3** i.e. **10**



A is 30% more efficient than B and B can finish a certain job in 13 days.

Efficiency is inversely proportional to the time when the work done is constant.

A is 30% more efficient than B and B can finish a certain job in 13 days.

The ratio of efficiency A and B = 130% : 100% = 130 : 100 = 13 : 10

Efficiency is inversely proportional to the time when the work done is constant.

The ratio of time Taken by A and B = 10 : 13

Let A take x days to do the same job.

ATQ -

$$10 : 13 \hat{=} x : 13 = (10/13) \hat{=} (x/13)$$

$$x = (10 \times 13)/13 = 10$$

Question 91 :

The total consumption of rice is 20 kg per month of a family, As the price of rice increases by 35% the family reduces its consumption so that the expenditure of rice is increased only by 8% What is the new consumption (in kg) of rice per month due to the increase in the price of rice?

Difficulty : Moderate

Average Time : 69 Seconds

Options :

1. 18

2. 14

3. 16

4. 12

Solution :

The correct answer is **option 3** i.e. **16**

The total consumption of rice per month is 20 kg.

The price of rice increases by 35%.

After reducing the consumption the expenditure on rice is increased by 8%.

Let the new consumption (in kg) of rice per month due to the increases in the price of rice be x.

Let the price of 1 kg of rice be Rs 100.



The total price of 20 kg of rice = Rs. 2000

Total price increased per month = $2000 \times 108\% = 2000(108/100) = 2160$

The price increased per kg of rice = $100 \times 135\% = 135$

ATQ -

$2160 = 135x$

$x = 2160/135 = 16$

Question 92 :

Radha sold a watch at a profit of 12.5% IF she had sold it for Rs.50 more, then the profit would have been 15% the initial selling price (in Rs.) of the watch is:

Difficulty : Moderate

Average Time : 63 Seconds

Options :

1. 2,250
2. 2,000
3. 1,125
4. 1,000

Solution :

The correct answer is **option 1** i.e. **2,250**

Radha sold a watch at a profit of 12.5%.

Let the Cost Price of a watch (C.P) will be Rs 100x.

Profit % = $(SP - CP) \times 100/CP$

Selling Price of a watch (S.P.) = $100x \times 112.5/100 = 112.5x$

If she had sold it for Rs.50 more, then the profit would have been 15%.

$S.P. + 50 = C.P. \times (100 + \text{Profit})/100$

$S.P + 50 = 100x \times (115/100)$

$112.5x + 50 = 115x$

$115x - 112.5x = 50$



$$2.5x = 50$$

$$x = \text{Rs. } 20$$

The initial Selling Price (S.P.) of a watch = $112.5x = 112.5(20) = \text{Rs.}2250$

Question 93 :

A, B and C agree to pay their total telephone bill in the proportion 3 : 5 : 7. A pays the first month's bill of Rs.400, B pays the second month's bill of Rs.560 and C pays the third day's bill of Rs.840. How much amount (in Rs.) should B pay to settle the accounts?

Difficulty : Moderate**Average Time : 70 Seconds****Options :**

1. 20

2. 50

3. 30

4. 40

Solution :

The correct answer is **option 4** i.e. **40**

The ratio of telephone bills paid by A, B, and C = 3 : 5 : 7

Bill paid by A = Rs. 360

Bill paid by B = Rs. 560

Bill paid by C = Rs. 840

Let the bill paid by A, B, and C be $3x$, $5x$, and $7x$ respectively.

ATQ -

$$7x = 840$$

$$x = 840/7 = 120$$

$$\text{Bill payable to B} = 5x = 120 \times 5 = 600$$

Bill paid by B is 560.

$$\text{Remaining amount to be paid by B} = 600 - 560 = 40$$

Question 94 :

The ratio of the length breadth of a rectangular park is 5 : 3, respectively, If a man walking along the boundary of the park at the speed of 6 km/h complete one round in minutes, then the area of the park (in m²) is:

Difficulty : Moderate

Average Time : 60 Seconds

Options :

1. 59385.75
2. 58593.75
3. 58395.75
4. 53985.75

Solution :

The correct answer is **option 2** i.e. **58593.75**

The ratio of the length and breadth of a rectangular park = 5 : 3

The speed of the man = 6 km/h

He covered the boundary in 10 minutes.

The distance covered by a man walking along the boundary of the rectangular park is equal to the perimeter of the rectangular park.

Perimeter of a rectangle = 2 × (length + breadth)

Area of a rectangle = length × breadth

Let the length breadth of the rectangular park be 5x and 3x respectively.

The man covered the boundary in 10 minutes at a speed of 6 km/h.

In 10 minutes he will cover 1 km or 1000 m.

The boundary of the rectangular park = 1000 m

ATQ -

$$2 \times (5x + 3x) = 1000 \text{ m}$$

$$2 \times 8x = 1000 \text{ m}$$

$$x = 500/8 \text{ m}$$

$$\text{The area of rectangular park} = 5x \times 3x = 15x^2 = 15 \times (500/8)^2 = 3750000/64 = 58593.75 \text{ m}^2$$

Question 95 :



Ram sold an article for Rs.1,476 after allowing a 20% discount on its marked price, If he had not allowed any discount, he would have earned a profit of 24% What is the cost price (in Rs.) of the article (correct to two decimal places)1,576.75?

Difficulty : Moderate

Average Time : 83 Seconds

Options :

1. 1,576.75
2. 1,187.76
3. 1,678.90
4. 1,487.90

Solution :

The correct answer is **option 4** i.e. **1,487.90**

The sale price of an article is Rs. 1476, after that a 20% discount is allowed on the marked price. If no discount is allowed. Ram would have earned a profit of 24% on the cost price.

Discount = Marked price - Sale price

Discount % = (Discount/Marked price) × 100

Marked price = [Sale price/(100 - Discount percentage)] × 100

Cost price = Sale price × [100/(100 + profit%)]

Marked price = [1476/(100 - 20%)] × 100 = [1476/(80%)] × 100 = 1845

Cost price = 1845 × [100/(100 + 24%)] = 1845 × [100/(124)] = Rs. 1487.90

Question 96 :

The average age of student (boys and girls) of a class is 16.78 years. The average age of the boys in the class is 17.6 years and that of the girls is 16.4 years. The ratio of the number of boys to the number of girls in the class is:

Difficulty : Moderate

Average Time : 62 Seconds

Options :

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

Solution :

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

The average age of students = 16.8 years

The average age of the boys = 17.6 years

The average age of girls = 16.4 years

Average age of the class = Average age of the boys + Average age of girls

Let the number of boys and girls in the class be x and y respectively.

Total age of the class = $16.8 \times (x + y) = 16.8x + 16.8y$

The total age of the boys = $17.6x$

Total age of girls = $16.4y$

Average age of the class = Average age of the boys + Average age of girls

$16.8x + 16.8y = 17.6x + 16.4y$

$17.6x - 16.8x = 16.8y - 16.4y$

$0.8x = 0.4y$

$x/y = 1/2 = 1 : 2$

Question 97 :

The compound interest on a certain sum for 2 years at a rate of interest is Rs.1,996.80. If the interest is compounded annually, and the simple interest on the same sum for the same time at the rate of interest is Rs.1,920. The amount (in Rs.) for the same sum, interest compounded annually, at the same rate of interest for 3 years is:

Difficulty : Moderate

Average Time : 77 Seconds

Options :

1. 14,761.35
2. 14,167.34
3. 15,116.54
4. 15,611.45

Solution :

The correct answer is **option 3** i.e. **15,116.54**



Compound Interest for 2 years = Rs, 1996.80

Simple Interest for 2 years = Rs. 1920

Compound interest (C.I.) = Principal $\{1 + (\text{Rate}/100)\}^{\text{Time}}$ - Principal

Simple Interest (S.I.) = (Principal \times rate \times time)/100

Sum of two years C.I. - Sum of two years S.I. = Difference of C.I and S.I for the Second year

1996.8 - 1920 = 76.8

Two years S.I. is 1920 then one year interest = 1920/2 = 960

The rate of interest = (76.8/960) \times 100 = 8%

If the rate of interest is 8% and interest is 76.8.

Principal = (76.8/8) \times 100 = 12000

C.I. annually for 3 years at 8% and Principal is 12000.

Amount = 12000 + (108/100)³ = 12000 + 3116.544 = 15116.544

Question 98 :

In the first year, the population of a village increases by 10%, and in the second year, it diminishes by 12% At the end of the second year, it's population was 14520, What was the population at the beginning of the first year?

Difficulty : Moderate

Average Time : 70 Seconds

Options :

1. 14750
2. 15000
3. 15250
4. 13500

Solution :

The correct answer is **option 2** i.e. **15000**

In 1st year, the population of the village increases by 10%, and in 2nd year, the population of the village diminishes by 12%.

At the end of the 2nd year, the population becomes 14,520.

Final value = Initial value \times $\{1 + (\text{R}/100)\}$, [Where, R = percentage by which increase or decrease]

Let the population at the beginning of the 1st year be x.

$$[x \times \{1 + (10/100)\} \times \{1 + (-12/100)\}] = 14520$$

$$x \times (110/100) \times (88/100) = 14520$$

$$x \times 1.10 \times 0.88 = 14520$$

$$x = 15000$$

Question 99 :

The value of $(\frac{1}{4} \text{ of } \frac{1}{2}) \div (3 \frac{1}{2} - 1 \frac{1}{4})$ of $\frac{1}{2} - 1 \frac{1}{2} \div 2 \frac{1}{4} + 1 \frac{1}{3}$ is:

Difficulty : Moderate

Average Time : 54 Seconds

Options :

1. $\frac{7}{9}$
2. $\frac{11}{9}$
3. $\frac{5}{9}$
4. $\frac{17}{9}$

Solution :

The correct answer is **option 1** i.e. $\frac{7}{9}$

$$\left(\frac{1}{4} \text{ of } \frac{1}{2}\right) \div \left(3 \frac{1}{2} - 1 \frac{1}{4}\right) \text{ of } \frac{1}{2} - 1 \frac{1}{2} \div 2 \frac{1}{4} + 1 \frac{1}{3}$$

$$= \left(\frac{1}{4} \times \frac{3}{2}\right) \div \left(\frac{7}{2} - \frac{5}{4}\right) \text{ of } \frac{3}{2} - \frac{3}{2} \div \frac{9}{4} + \frac{4}{3}$$

$$= \frac{3}{8} \div \left[\left(\frac{14}{4} - \frac{5}{4}\right) \times \frac{3}{2}\right] - \frac{3}{2} \times \frac{4}{9} + \frac{4}{3}$$

$$= \frac{3}{8} \div \left[\frac{9}{4} \times \frac{3}{2}\right] - \frac{2}{3} + \frac{4}{3}$$

$$= \frac{3}{8} \div \frac{27}{8} - \frac{2}{3} + \frac{4}{3}$$

$$= \frac{3}{8} \times \frac{8}{27} - \frac{2}{3} + \frac{4}{3}$$

$$= \frac{1}{9} - \frac{2}{3} + \frac{4}{3}$$

$$= \frac{(1 - 6 + 12)}{9}$$

$$= \frac{7}{9}$$

Question 100 :



A fruit seller had some apples. He sells 30% of the apple still has 245 apples left with him. The number of apples he had with him initially was:

Difficulty : Moderate

Average Time : 67 Seconds

Options :

1. 250
2. 400
3. 300
4. 350

Solution :

The correct answer is **option 4** i.e. **350**

The percentage of apples sold by fruit sellers is 30%.

Remaining apples = 245

Let the total number of apples be x .

ATQ -

$(100\% - 30\%)$ of $x = 245$

70% of $x = 245$

$(70/100)$ of $x = 245$

$x = 245/0.7 = 350$

Delhi Police Constable Tier 1 Previous Year Question Paper Analysis

The analysis of Delhi Police Constable Tier 1 Previous Year Question Paper held on 2020-12-08 in the Afternoon exam is as follows:

1. 100 questions were moderate.
2. The safe score is 75 marks.
3. 50 questions were asked from General Awareness, 25 questions were asked from Logical Reasoning, 10 questions were asked from Computer Knowledge and 15 questions were asked from Numerical 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

General Awareness

1. GK Misc - 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

Computer Knowledge

1. Shortcut Keys - 1
2. MS Office - 1

Numerical Ability

Delhi Police Constable Tier 1 Previous Year Question Paper Tips and 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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Neetu Mam is primarily passionate for the English language and teaching from the last 20 years however for the Delhi Police Constable Tier 1 Previous Year Question Paper. She has guided her team to provide the best explanation for the question.