

# 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 2020-12-01 in the Evening 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 :

The Sanchi monument is one of the most well-preserved Indian Buddhist stupas located in which of the following states?

Difficulty : Moderate

Average Time : 43 Seconds

### Options :

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

### Solution :

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

- **Sanchi Stupa** is a Buddhist complex, famous for its Great Stupa, on a hilltop at Sanchi Town in Raisen District of the State of **Madhya Pradesh**, India.
- It is situated about 46 kilometers northeast of Bhopal, the state capital of Madhya Pradesh.
- **The Great Stupa of Sanchi** is the most significant monument which was built in 3rd century BCE.

### Question 2 :

In which of the following type of markets do the buyers and sellers, mainly individuals and institutions, engage in trade of financial securities such as bonds and stocks?

Difficulty : Moderate

Average Time : 56 Seconds



### Options :

1. Capital market
2. Money market
3. Domestic market
4. Foreign exchange market

### Solution :

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

**Capital markets** are basically financial markets or platforms that bring sellers and buyers with each other to trade stocks, currencies, bonds, and other financial belongings.

- Capital markets contain the bond market and the stock market, commonly known as the primary capital market and secondary capital market.
- The 4 types of financial markets are **currency markets, money markets, derivative markets, and capital markets**.
- Capital markets are used to sell equities (stocks), debt securities.

### Question 3 :

According to the Economic Survey of 2019-2020, the current account deficit has contracted to \_\_\_\_\_ of GDP in 2019-2020 (April-September) from 2.1% in 2018-2019.

Difficulty : Moderate

Average Time : 58 Seconds

### Options :

1. 1.4%
2. 1.7%
3. 1.5%
4. 1.2%

### Solution :

The correct answer is **option 3** i.e. **1.5%**

- Current Account Deficit (CAD) narrowed to **1.5 %** of GDP in H1 of 2019-20 from 2.1 % in 2018-19.
- The country's current account deficit (CAD) – which measures the difference between exports and imports of goods and services.

### Question 4 :



In which of the following cities is the Thirumalai Nayakkar palace located?

Difficulty : Moderate

Average Time : 41 Seconds

Options :

1. Kanyakumari
2. Madurai
3. Chennai
4. Mysuru

Solution :

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

- The Thirumalai Nayakkar palace was built by King **Thirumalai Nayak** in the year 1636 A.D. and is located in **Madurai**.
- It is widely known for its giant pillars, which reach up to 82 feet in height and 19 feet in width.
- About 1.5 Km from the Meenakshi temple, this palace was built in 1636 by the ruler whose name it bears.

Question 5 :

A \_\_\_\_\_ is a collection of different ecosystems which share similar climatic conditions.

Difficulty : Moderate

Average Time : 49 Seconds

Options :

1. reef
2. flora
3. biome
4. lagoon

Solution :

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

A **biome** consists of plants and animals with similar characteristics that are adapted to the climatic conditions of that region.

The different types of biomes found on earth are

1. Aquatic Biome
2. Forest Biome



3. Desert Biome
4. Tundra Biome
5. Grassland Biome

### Question 6 :

'Vishu' is one of the famous festivals of which of the following states?

Difficulty : Moderate

Average Time : 46 Seconds

### Options :

1. Odisha
2. Kerala
3. Tamil Nadu
4. Assam

### Solution :

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

- Vishu, also spelled Viá¹£u, spring festival observed by Malayali Hindus in **Kerala and in adjacent areas of Tamil Nadu, India**.
- It is a cultural festival celebrating Malyali New Year Day.
- Vishu falls on the first day of the month of Medam in the Malayalam Calendar (April 14 or 15 in the Gregorian calendar).

### Question 7 :

In which of the following years was Sir Richard Stafford Cripps sent to India to win the co-operation of Indian political groups?

Difficulty : Moderate

Average Time : 51 Seconds

### Options :

1. 1909
2. 1917
3. 1942
4. 1929

### Solution :



The correct answer is **option 3** i.e. **1942**

- **Sir Richard Stafford Cripps** was sent to India in **March 1942** with a brief to win the cooperation of Indian political groups.
- The Cripps's mission was sent by the British government to India to obtain Indian cooperation for the British War efforts in World War II.
- Britain Prime Minister Winston Churchill sent Stafford Cripps to India to discuss the Draft Declaration, as settled by the War Cabinet and its Committee between **28 February to 9 March 1942**

**Question 8 :**

Which of the following is the most abundant and lightest gas in the universe?

Difficulty : Moderate

Average Time : 55 Seconds

**Options :**

1. Nitrogen
2. Hydrogen
3. Carbon-dioxide
4. Oxygen

**Solution :**

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

- **Hydrogen** is the lightest gas present abundantly in the universe with an atomic mass of. 00784 u.
- It is one of the most reactive gases and it is also the most abundant gas in the universe.
- It exists in diatomic form.
- It is the first element in the modern periodic table.

**Question 9 :**

Who among the following authors wrote the novel 'The God of Small Things'?

Difficulty : Moderate

Average Time : 48 Seconds

**Options :**

1. Arundhati Roy
2. Mary Roy
3. Amnika Batra
4. Salman Rushdie

**Solution :**

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

- The God of Small Things is a family drama novel written by Indian writer **Arundhati Roy**.
- Roy's debut novel is a story about the childhood experiences of fraternal twins whose lives are destroyed by the "Love Laws" prevalent in 1960s Kerala, India.
- Arundhati Roy was awarded the Man Booker Prize for fiction in 1997 for her novel.
- It was listed as one of The New York Times Notable Books of the Year.

**Question 10 :**

How many public sector banks are there in India as of September 2020?

**Difficulty : Moderate**

**Average Time : 57 Seconds**

**Options :**

1. 13
2. 24
3. 22
4. 12

**Solution :**

The correct answer is **option 4** i.e. **12**

- There are **12** public sector banks in India as of September 2020.
- The Public sector bank is a bank in which the government holds a major share portion of the shares.
- These are Union Bank of India, UCO Bank, State Bank of India, Punjab National Bank, Punjab and Sind Bank, Indian Overseas Bank, Indian Bank, Central Bank of India, Canara Bank, Bank of Maharashtra, Bank of India, and Bank of Baroda.

**Question 11 :**

In which of the following years was the First Amendment Act of the Constitution of India enacted?

**Difficulty : Moderate**

**Average Time : 52 Seconds**

**Options :**

1. 1958
2. 1951



1952

4. 1956

### Solution :

The correct answer is **option 2** i.e. **1951**

- The First Amendment Bill of the Indian Constitution was passed in the year 1951.
- The Constitution (First Amendment) Act, 1951, enacted in 1951, made several changes to the Fundamental Rights provisions of the Indian constitution.
- Added a Ninth schedule to protect the land reform and other laws included in it from judicial review.
- Added three more grounds of restrictions on freedom of speech and expression, viz., public order, friendly relations with foreign states, and incitement to an offense. Also, made the restrictions 'reasonable' and thus, justiciable in nature.

### Question 12 :

IBEF is a trust established by the Ministry of Commerce and Industry. From the given options, select the correct full form of IBEF.

Difficulty : Moderate

Average Time : 58 Seconds

### Options :

1. Indian Board of Exporters Forum
2. International Bureau Economic Federation
3. India Brand Equity Foundation
4. Indian Board of Economics Foundation

### Solution :

The correct answer is **option 3** i.e. **India Brand Equity Foundation**

- India Brand Equity Foundation (IBEF) is a Trust established by the **Department of Commerce, Ministry of Commerce and Industry, Government of India** in 2003
- With the objective of building a brand name for India in the global markets, IBEF collects, collates, and disseminates comprehensive information on India.
- It has been developed as a single-window resource for in-depth information and insight on India.

### Question 13 :

Article 32 belongs to which part of the Indian Constitution?

Difficulty : Moderate

Average Time : 54 Seconds



## Options :

1. Part II
2. Part I
3. Part III
4. Part IV

## Solution :

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

- Article 32 of the Indian Constitution gives the right to individuals to move to the Supreme Court to seek justice.
- It has been described as the 'heart and soul' of the Indian Constitution by Dr B. R. Ambedkar.
- Article 32 falls under Part III of the Indian Constitution which includes the Fundamental Rights of the Indian citizens.
- Under the Indian legal system, jurisdiction to issue 'prerogative writs' is given to the Supreme Court and the High Courts of Judicature of all Indian states.

## Question 14 :

Which of the following is the highest peak in south India?

Difficulty : Moderate

Average Time : 58 Seconds

## Options :

1. Doddabetta
2. Perumal
3. Vandaravu
4. Anamudi

## Solution :

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

- The place of **Anamudi** is in Kerala, India.
- It is considered the highest peak in the Western Ghats and the whole of South India, at an altitude of 2,695 meters (8,843 ft).
- In Tamil Nadu, the Dodabetta peak near Ooty is also quite high, with an elevation of 2637 meters.

## Question 15 :

Which of the following layers of Earth's atmosphere can be depleted by the use of chlorofluorocarbons?





Difficulty : Moderate

Average Time : 48 Seconds

Options :

1. Ionosphere
2. Troposphere
3. Ozone
4. Exosphere

Solution :

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

- Gaseous CFCs can deplete the **ozone layer** when they slowly rise into the stratosphere, are broken down by strong ultraviolet radiation, release chlorine atoms, and then react with ozone molecules.
- Ozone is a highly reactive gas composed of three oxygen atoms.
- The ozone layer is mainly found in the lower portion of the earth's atmosphere.
- It has the potential to absorb around 97-99% of the harmful ultraviolet radiations coming from the sun that can damage life on earth.

Question 16 :

Which of the following soil types becomes less fertile due to the intense leaching caused by tropical rains?

Difficulty : Moderate

Average Time : 57 Seconds

Options :

1. Red soils
2. Yellow soils
3. Laterite soils
4. Black soils

Solution :

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

- The **laterite soil** develops in areas with high temperatures and heavy rain.
- This is the result of intense leaching due to heavy rain.
- In the southwestern part of India, we find laterite soil in plenty.
- This region to the west of the Western Ghats receives plenty of rainfall. It causes intense leaching, by which nutrients or organic matter are lost from the soil.

Hence these soils are generally not fertile.

**Question 17 :**

In September 2020, who among the following was appointed as the MD and CEO of the Kerala-based South Indian Bank for a period of three years with effect from 1 October 2020?

Difficulty : Moderate

Average Time : 59 Seconds

**Options :**

1. Murali Ramakrishnan
2. Kaizad Bharucha
3. Romesh Sobti
4. Rana Kapoor

**Solution :**

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

- RBI has approved the appointment of **Murali Ramakrishnan** as Managing Director and CEO of the bank for a period of three years with effect from October 1, 2020, the Kerala-based South Indian Bank.
- During his tenure at ICICI Bank, in the last assignment, Ramakrishnan was heading a business transformation project for small and medium-sized enterprises (SME) business.

**Question 18 :**

In which of the following years was 'Jal Jeevan Mission' launched. The mission aimed to provide safe and adequate drinking water through household tap connections to every household in rural India by 2024?

Difficulty : Moderate

Average Time : 55 Seconds

**Options :**

1. 2014
2. 2017
3. 2016
4. 2019

**Solution :**

The correct answer is **option 4** i.e. **2019**



The Jal Jeevan Mission was launched in **2019** under the **Ministry of Jal Shakti**.

- It aims to ensure the provision of safe drinking water to every rural household in India by 2024 through individual household tap connections.
- The mission was launched by Prime Minister Narendra Modi on **August 15, 2019**, with only 3.23 crore rural households having access to piped water connections at that time.

**Question 19 :**

When did the Constituent Assembly adopt the Constitution of India?

Difficulty : Moderate

Average Time : 49 Seconds

**Options :**

1. 10 January 1950
2. 26 November 1949
3. 15 August 1948
4. 24 March 1946

**Solution :**

The correct answer is **option 3** i.e. **26 November 1949**

- The Constitution of India was adopted by the Constituent Assembly on **26 November 1949**.
- It came into force on 26 January 1950.
- The Indian Constitution is the supreme law of India. It was drafted by the Constituent Assembly.

**Question 20 :**

Amir Khosrow was a royal poet and a disciple of which of the following Sufi saints?

Difficulty : Moderate

Average Time : 45 Seconds

**Options :**

1. Fariduddin Ganjshakar
2. Syed Muhammad Nizamuddin Auliya
3. Shaikh Salim Chisti
4. Muhammad Maharavi

**Solution :**

The correct answer is **option 2** i.e. **Syed Muhammad Nizamuddin Auliya**



**Amir Khosrow** was a royal poet and a disciple of **Syed Muhammad Nizamuddin Auliya**.

- He was a mystic and a disciple of Hazrat Nizamuddin Auliya of Delhi.
- Abu'l Hasan YamÄ«n ud-DÄ«n Khusrau (1253–1325 AD), better known as AmÄ«r Khusrau, was an Indian Sufi singer, musician, and poet.

**Question 21 :**

According to which of the following Articles shall the Supreme Court of India have power to review any judgement pronounced or order made by the Parliament?

Difficulty : Moderate

Average Time : 54 Seconds

**Options :**

1. Article 135
2. Article 143
3. Article 137
4. Article 235

**Solution :**

The correct answer is **option 3** i.e. **Article 137**

**Article 137** of the Constitution of India grants the Supreme Court the power to review any of its judgments or orders.

- It says that subject to the provisions of any law made by Parliament or any rules made under Article 145, the Supreme Court shall have the power to review any judgment pronounced or order made by it.

**Question 22 :**

In which of the following years did the Government of India appoint the Second Backward Classes Commission?

Difficulty : Moderate

Average Time : 49 Seconds

**Options :**

1. 1990
2. 1972
3. 1967
4. 1979

**Solution :**

The correct answer is **option 4** i.e. **1979**



- The government of India appointed the second Backward Classes Commission in **1979**.
- It was headed by B.P. Mandal and therefore, known as the Mandal Commission.
  - It was established by the Janata Party government under Prime Minister Morarji Desai with a mandate to identify the socially or educationally backward classes of India.

**Question 23 :**

Who among the following won the 48th edition of the annual event of World Open Online Chess Tournament in September 2020?

Difficulty : Moderate

Average Time : 49 Seconds

**Options :**

1. Nihal Sarin
2. Prithu Gupta
3. Aryan Chopra
4. P Iniyan

**Solution :**

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

- Indian Grandmaster **P Iniyan** won the prestigious Annual World Open online chess tournament held in the 48th edition.
- Iniyan and Sjugiro Sanan finished with 7.5 points, but the Tamil Nadu player emerged winner because of a better tie breaker.

**Question 24 :**

Who among the following became the first female army officer to lead the army contingent in the Army Day and Republic Day parades ? She achieved the feat in 2020.

Difficulty : Moderate

Average Time : 52 Seconds

**Options :**

1. Anjana Bhaduria



Priya Jhingan

3. Tania Shergill

4. Mitali Madhumita

### Solution :

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

- **Captain Tania Shergill** is the first Indian woman Parade Adjutant to lead an all-man contingent at an Army Day function in the Indian Army, Republic Day (India) in 2020.

### Question 25 :

Which of the following is the popular harvest festival of Meghalaya?

Difficulty : Moderate

Average Time : 41 Seconds

### Options :

1. Hampi
2. Chapchar Kut
3. Wangala
4. Losar

### Solution :

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

- **Wangala Festival** of Meghalaya is the most popular festival among the Garos of Meghalaya, India.
- It is a harvest festival held in honor of Saljong, the Sun god of fertility.
- It is also called the festival of "**The Hundred Drums**".

### Question 26 :

Doodhganga river is a tributary of which of the following rivers?

Difficulty : Moderate

Average Time : 46 Seconds

### Options :

1. Krishna
2. Yamuna
3. Brahmaputra



### Godavari

**Solution :**

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

- The Dudhaganga (or Dudhganga, Doodhganga) is a right-bank tributary river of **the Krishna** in western India.
- It rises in the Kolhapur district of Maharashtra in the Western Ghats and flows eastward through Kolhapur district and Belgaum district in Karnataka before joining the Krishna.
- **Vienna, Koyna, Panchganga, Dudhganga, Ghataprabha, Malaprabha, and Tungabhadra** are the major right-bank tributaries of the river Krishna.

**Question 27 :**

Golkonda fort was built during the reign of which of the following dynasties?

Difficulty : Moderate

Average Time : 51 Seconds

**Options :**

1. **Maurya**
2. **Chaulukya**
3. **Gupta**
4. **Kakatiya**

**Solution :**

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

- Golkonda fort was built by the **Kakatiya dynasty** in the 13th century.
- It is also known as "Shepherd's Hill" or "Golla Konda".
- Golconda Fort of Hyderabad was built by the Kakatiya dynasty in the 13th century.
- Muhammad Quli Qutab Shah established Hyderabad in 1591 to extend the capital beyond the fortified Golconda.

**Question 28 :**

Itai-itai disease is caused by the toxicity of which of the following elements?

Difficulty : Moderate

Average Time : 50 Seconds

**Options :**

1. **Mercury**
2. **Cadmium**



Lead

4. Arsenic

**Solution :**

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

- Itai-itai disease is caused by **Cadmium (Cd) exposure**
- It was produced as a result of human activities related to industrialization, and this condition was first recognized in Japan in the 1960s.
- Itai-itai disease is characterised by osteomalacia with severe bone pain and is associated with renal tubular dysfunction.

**Question 29 :**

How many Indians were honored with the National Sports Awards in August 2020 by President Ram Nath Kovind?

**Difficulty : Moderate**

**Average Time : 48 Seconds**

**Options :**

1. 56
2. 78
3. 89
4. 74

**Solution :**

The correct answer is **option 4** i.e. **74**

- A record **74** athletes of the country were honored on hockey wizard **Major Dhyan Chand's** 115th birth anniversary.
- **Ram Nath Kovind** presented the Rajiv Gandhi Khel Ratna Award, Arjuna Award, Dronacharya Award, Dhyan Chand Award, Tenzing Norgay National Adventure Award, and Rashtriya Khel Protsahan Puraskar.
- Including 5 for the Rajiv Gandhi Khel Ratna Award, 8 for the Dronacharya Award in Life- lifetime category, five Dronacharya Awards in the regular category, a whopping 27 Arjuna awardees, 15 Dhyan Chand awardees.

**Question 30 :**

Garba is the famous folk dance form from which of the following states? The dance is performed during Navratri celebrations to honour the nine forms of Goddess Durga.

**Difficulty : Moderate**

**Average Time : 59 Seconds**

**Options :**





Uttar Pradesh

2. Haryana

3. Rajasthan

4. Gujarat

### Solution :

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

- Garba is the dance of the state of Gujarat, India.
- It is a joyful style of dance, based on a circular pattern and characterized by a sweeping action from side to side.
- Garba dances celebrate fertility, honor womanhood, and pay respect to any of an array of mother goddesses.

### Question 31 :

In which of the following years did the Malabar Rebellion break out in the southern taluks of Malabar?

Difficulty : Moderate

Average Time : 48 Seconds

### Options :

1. 1935
2. 1918
3. 1939
4. 1921

### Solution :

The correct answer is **option 4** i.e. **1921**

- The Malabar rebellion in **1921** happened in the Malabar region of **Kerala, India**.
- It started as resistance against the British colonial rule and the feudal system in southern Malabar but ended in communal violence between Hindus and Muslims.
- It began as a reaction against a heavy-handed crackdown on the Khilafat Movement, a campaign in defense of the **Ottoman Caliphate** by the British authorities in the Eranad and Valluvanad taluks of Malabar.

### Question 32 :

Kareena Kapoor Khan inked a two-year contract (starting from March 2020) with \_\_\_\_\_ as its brand ambassador.

Difficulty : Moderate

Average Time : 53 Seconds

### Options :



Adidas

2. Sketcher

3. Puma

4. Nike

**Solution :**

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

- **Kareen Kapoor Khan** is the brand ambassador of the Global sports brand **PUMA**.
- Puma is a German Sportswear Brand

**Question 33 :**

Which of the following sports awards is given to honour coaches for their outstanding and meritorious work on a consistent basis in enabling sportspersons to excel in international events?

Difficulty : Moderate

Average Time : 43 Seconds

**Options :**

1. Dronacharya
2. Dhyan Chand
3. Rajiv Gandhi Khel Ratna
4. Arjuna

**Solution :**

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

The **Dronacharya Award**, officially known as the Dronacharya Award for Outstanding Coaches in Sports and Games, is a sports coaching honor of the Republic of India.

- The award is named after Drona, often referred to as "**Dronacharya**" or "**Guru Drona**", a character from the Sanskrit epic Mahabharata of ancient India.
- The Dronacharya Award was introduced in the year **1985**.

**Question 34 :**

Mary Kom was the first Indian woman to win a gold medal at the Asian Games in 2014. In which of the following sports does she represent India?



Difficulty : Moderate

Average Time : 58 Seconds

Options :

1. Swimming
2. Wrestling
3. Badminton
4. Boxing

Solution :

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

- On 1 October 2014, Kom won her first gold medal in **boxing** at the 2014 Asian Games, held in Incheon, South Korea, by beating Kazakhstan's Zhaina Shekerbekova in the flyweight (51 kg) summit clash.
- Mary Kom is an Indian boxer from the northeast state of **Manipur**.
- She is also known as MC Mary Kom or Magnificent Mary.

Question 35 :

Which of the following payment banks has partnered with Mastercard in April 2020 to issue virtual and physical debit cards?

Difficulty : Moderate

Average Time : 51 Seconds

Options :

1. JIO
2. FINO
3. Airtel
4. Paytm

Solution :

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

- **Paytm Payments Bank Ltd (PPBL)** has joined hands with Mastercard for the issuance of virtual and physical debit cards.
- It is an **Indian payments bank**, founded in 2017 and headquartered in Noida and is part of mobile payment company Paytm.

Question 36 :

Which of the following rivers originates from Amarkantak hills?



Difficulty : Moderate

Average Time : 44 Seconds

Options :

1. Cauvery
2. Narmada
3. Tapti
4. Mahanadi

Solution :

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

- **River Narmada** emerges from Amarkantak Hill of Maikal Range, Madhya Pradesh.
- The mouth of this river is the Gulf of Khambhat (Arabian Sea), Gujarat.
- The tributaries of the Narmada River are Osrang, Barna, Kolar, and Hiran.
- The Amarkantak Hill is the source of two rivers flowing in two different directions (West and East).

Question 37 :

\_\_\_\_\_ based farming system is developed to improve environmental control over production of fish.

Difficulty : Moderate

Average Time : 50 Seconds

Options :

1. Pond fish
2. RAS (Recirculating Aquaculture Systems)
3. Biofilm
4. Biofloc

Solution :

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

- **The Biofloc system** was developed to improve the environmental control over aquatic animal production.
- In aquaculture, the strong influential factors are the feed cost (accounting for 60% of the total production cost) and the most limiting factor is the water/land availability.
- It is the utilization of microbial processes within the pond/tank itself to provide food resources for cultured organisms while at the same time acting as a water treatment remedy.

Question 38 :



The finance bill can only be introduced in \_\_\_\_\_.

Difficulty : Moderate

Average Time : 53 Seconds

Options :

1. Securities Exchange Board of India
2. Rajya Sabha
3. Reserve Bank of India
4. Lok Sabha

Solution :

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

- The Finance Bill can be introduced only in **Lok Sabha**.
- The Rajya Sabha can recommend amendments to the Bill.
- The bill has to be passed by the Parliament within 75 days of its introduction.
- This Budget is first shown to the Prime Minister and then introduced in the Parliament.
- The finance bill is introduced to the Lower House after the Union Budget is presented by **the Finance Minister**

Question 39 :

Who among the following is the author of the epic poem 'Ramcharitmanas'?

Difficulty : Moderate

Average Time : 56 Seconds

Options :

1. Valmiki
2. Ved vyasa
3. Tulsidas
4. Bharat Muni

Solution :

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

- **Tulsidas**, the author of Ramcharitmanas was born in Rajpur in the Banda district of Uttar Pradesh in the 16th century.
- Ramcharitmanas is an epic poem in the Awadhi dialect of Hindi, composed in the 16th century.
- Goswami Tulsidas was a great Hindu *poet* as well as saint, reformer, and philosopher who composed various popular books.

**Question 40 :**

Who among the following was the first Indian personality to win an Oscar Award in the 'Best Costume Design' category?

Difficulty : Moderate

Average Time : 54 Seconds

**Options :**

1. Ritu Kumar
2. Neeta Lulla
3. Bhanu Athaiya
4. Rohit Bal

**Solution :**

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

**Bhanu Athaiya**

- Bhanu Athaiya became the first Indian to win an Academy Award in 1983 for designing the costumes for Richard Attenborough's Gandhi.
- She jointly won the Academy Award for Best Costume Design with John Mollo for Richard Attenborough's "Gandhi".

**Question 41 :**

In which of the following years was Jawaharlal Nehru elected as the President of the Lahore Session of the Indian National Congress?

Difficulty : Moderate

Average Time : 49 Seconds

**Options :**

1. 1929
2. 1934
3. 1924
4. 1928

**Solution :**

The correct answer is **option 1** i.e. **1929**

**Jawaharlal Nehru** was elected as President of the Indian National Congress in December **1929** at its annual session in the city of **Lahore**.

- In the Lahore session of 1929, Congress passed the Poorna Swaraj resolution.



In this, the Indian tricolor flag was hoisted by Pandit Jawahar Lal Nehru on the bank of the Ravi River on midnight of 31 December 1929, in front of huge crowds.

### Question 42 :

Which of the following authorities frames the monetary policy in India?

Difficulty : Moderate

Average Time : 51 Seconds

### Options :

1. Reserve Bank of India
2. Ministry of Corporate Affairs
3. Ministry of Finance
4. Securities and Exchange Board of India

### Solution :

The correct answer is **option 1** i.e. **Reserve Bank of India**

In India, the central monetary authority is the **Reserve Bank of India (RBI)**

- The RBI implements the monetary policy through open market operations, bank rate policy, reserve system, credit control policy, moral persuasion, and many other instruments.
- Monetary policy is the procedure by which the monetary authority of a nation, normally the central bank or currency board, controls either the expense of short-term borrowing or the cash supply, focusing on inflation or the loan fee to guarantee value strength and general trust in the currency.

### Question 43 :

In 2019, who among the following was roped in as the brand ambassador of UPI payment app, BharatPe?

Difficulty : Moderate

Average Time : 63 Seconds

### Options :

1. Akshay Kumar
2. Salman Khan
3. Abhishek Bachchan
4. Amitabh Bachchan

### Solution :



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

**Salman Khan** had hand-shaken with Merchant service and UPI payments app BharatPe as its brand ambassador.

- BharatPe is an Indian fintech company that sells digital payment and financial services to small merchants and kirana stores.
- The Unified Payments Interface is an instant payment system developed in India, by the National Payments Corporation of India.

**Question 44 :**

Emperor Ashoka was the king of which of the following dynasties?

Difficulty : Moderate

Average Time : 50 Seconds

**Options :**

1. Shunga dynasty
2. Nanda dynasty
3. Gupta dynasty
4. Maurya dynasty

**Solution :**

The correct answer is **Option 4** i.e. **Maurya dynasty**

Ashoka, also known as Ashoka the Great, was an Indian emperor of the **Maurya Dynasty**

- He ruled almost all of the Indian subcontinent from 268 to 232 BCE.
- His successful conquest of the Kalinga country on the east coast
- The last major emperor of the Mauryan dynasty of India.
- The grandson of the founder of the Maurya Dynasty, Chandragupta Maurya, Ashoka promoted the spread of Buddhism across ancient Asia.

**Question 45 :**

In which of the following states are the Nallamala Hills located?

Difficulty : Moderate

Average Time : 55 Seconds

**Options :**

1. Arunachal Pradesh
2. Madhya Pradesh





Uttar Pradesh

4. Andhra Pradesh

**Solution :**

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

- The Nallamalas (also called the Nallamalla Range) is a section of the Eastern Ghats that forms the eastern boundary of the Rayalaseema region of the state of **Andhra Pradesh and Nagarkurnool district of the state of Telangana**, in India.
- The Nallamala Hills is situated in the Eastern Ghats of Andhra Pradesh, and Telangana.
- Nallamala Hills is located parallel to the Coromandel coast

**Question 46 :**

The sealable or open glass container containing soil and plants that can be opened for maintenance and to access the plants inside is called \_\_\_\_\_.

**Difficulty :** Moderate

**Average Time :** 57 Seconds

**Options :**

1. osmeterium
2. riparium
3. paludarium
4. terrarium

**Solution :**

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

**A terrarium**

- is usually a sealable glass container containing soil and plants that can be opened for maintenance to access the plants inside; however, terraria can also be open to the atmosphere.
- **Terrariums** are open or closed clear glass containers in which plants are grown.

**Question 47 :**

In which of the following years was the Battle of Haldighati fought?

**Difficulty :** Moderate

**Average Time :** 47 Seconds

**Options :**



1571

2. 1567

3. 1579

4. 1576

**Solution :**

The correct answer is **option 4** i.e. **1576**

- The Battle of Haldighati was a battle fought on **18 June 1576** between the armies of the Rana of Mewar, Maharana Pratap, and the Mughal emperor Akbar's forces, led by Man Singh I of Amber.
- Although the battle ended in defeat for the forces of Mewar, Maharana Pratap escaped continuing his valiant resistance against the Mughal Empire.

**Question 48 :**

\_\_\_\_\_ is the certain percentage of deposits that banks have to maintain with the central bank.

Difficulty : Moderate

Average Time : 47 Seconds

**Options :**

1. Repo Rate
2. SLR (Statutory Liquidity Ratio)
3. CRR (Cash Reserve Ratio)
4. Reverse Repo Rate

**Solution :**

The correct answer is **option 3** i.e. **CRR (Cash Reserve Ratio)**

**Cash Reserve Ratio:**

- It refers to the percentage of bank deposits that banks have to maintain with the Reserve Bank of India (RBI).
- CRR is used as a monetary policy tool used by the RBI to control the liquidity in the system.

**Question 49 :**

Marieke Lucas Rijneveld became the youngest author to win the International Booker Prize for which of his books in 2020?

Difficulty : Moderate

Average Time : 50 Seconds

**Options :**



Girl, Woman, Other

2. The Testaments

3. Celestial Bodies

4. The Discomfort of Evening

**Solution :**

The correct answer is option 4 i.e. The Discomfort of Evening

**Marieke Lucas Rijneveld** won the 2020 International Booker Prize together with his translator Michele Hutchison for the debut novel **The Discomfort of Evening**.

- A 29-year-old Dutch writer has become the youngest author to win the International Booker Prize.

**Question 50 :**

In which of the following years did Rani Lakshmbai die fighting with British colonial rulers?

**Difficulty :** Moderate

**Average Time :** 47 Seconds

**Options :**

1. 1856
2. 1834
3. 1858
4. 1867

**Solution :**

The correct answer is **option 3** i.e. **1858**

In **1858**, **Rani Lakshmbai**, also known as the Rani of Jhansi,

- She died fighting British colonial rulers near Gwalior in a place known as Kotah-ki-Serai.
- Rani of Jhansi was killed by the British on 18 June 1858.
- She was one of the first women freedom fighters of India who revolted against the British in 1857.

**Question 51 :**

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

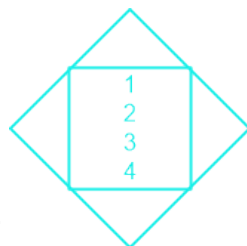
**Average Time :** 51 Seconds

**Options :**

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



**Solution :**



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

The logic used here is:

Logic between 1st figure and 2nd figure:

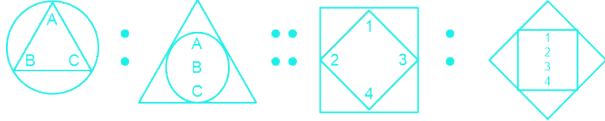
The circle goes inside the triangle and numbers are written in the vertical pattern.



Similarly; the pattern will be followed by the 3rd figure and 4th figure.

The square goes inside the quadrilateral and numbers are written in the vertical pattern.

The pattern is:



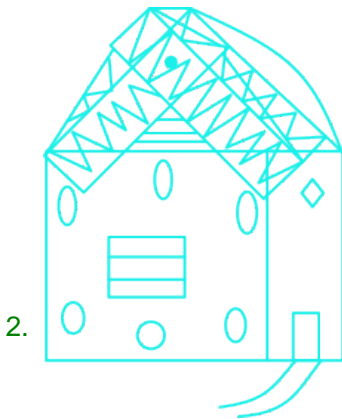
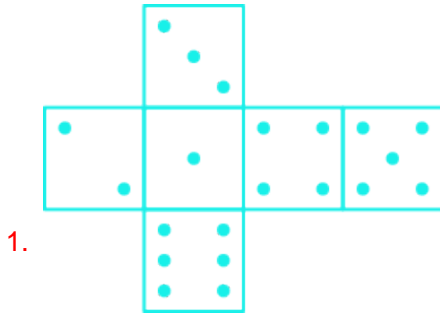
### Question 52 :

Select the figure from the options in which the given figure is embedded (Rotations allowed).

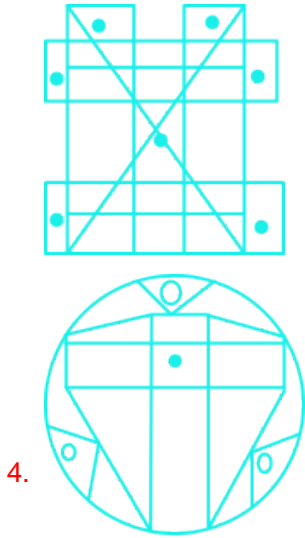
Difficulty : Moderate

Average Time : 76 Seconds

Options :



3.

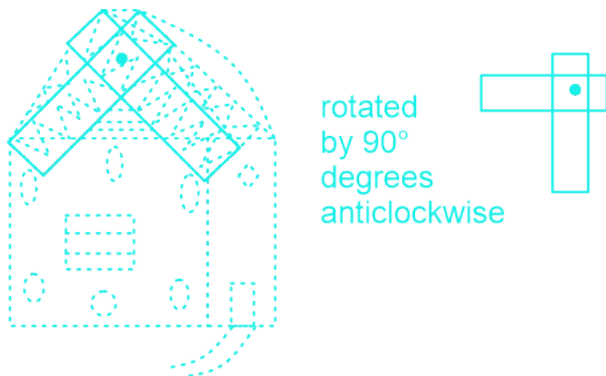


**Solution :**



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

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



The figure is rotated by 90 degrees in the anticlockwise direction.

**Question 53 :**



A motorcycle costs ₹1,60,000. If the depreciation rate is 15%, what would be its cost after one year?

Difficulty : Moderate

Average Time : 64 Seconds

Options :

1. 42,000
2. 45,000
3. 51,000
4. 41,000

Solution :

The correct answer is **option 3** i.e. **51,000**.

Depreciation rate = 15%

Time = 1 year

Current principal = ₹1,60,000

Depreciation amount = A

As,

$$A = P \times (1 - (R \div 100))^t$$

$$A = 60000 \times (1 - (15 \div 100))^1$$

$$A = 60000 \times (1 - (15 \div 100))^1$$

$$A = 51000$$

Question 54 :

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

Difficulty : Moderate

Average Time : 45 Seconds

Options :

- 1.

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



**Solution :**



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

The logic used here is:

The number of lines inside the square increases by odd numbers (1, 3, 5, 7).

The image series:



**Question 55 :**

Which number can replace the question mark (?) in the following series? 3, 7, 16, 41, 90, ?, 380

**Difficulty : Moderate**

**Average Time : 63 Seconds**





**Options :**

1. 191
2. 212
3. 211
4. 202

**Solution :**

The correct answer is **option 3** i.e. **211**.

Given series: 3, 7, 16, 41, 90, ?, 380

The series follows this pattern:

$$3 + 2^2 = 3 + 4 = 7$$

$$7 + 3^2 = 7 + 9 = 16$$

$$16 + 5^2 = 16 + 25 = 41$$

$$41 + 7^2 = 41 + 49 = 90$$

$$90 + 11^2 = 90 + 121 = 211$$

$$211 + 13^2 = 211 + 169 = 380$$

So, the missing term in the series is **211**.

**Question 56 :**

Select the number pair which is NOT related in the same way as the other number pairs.

**Difficulty : Moderate**

**Average Time : 48 Seconds**

**Options :**

1. 5: 25
2. 7: 56
3. 3: 12
4. 2: 6

**Solution :**

The correct answer is **option 1** i.e. **5: 25**.

The logic used here is:

$$1\text{st number} \times (1\text{st number} + 1) = 2\text{nd number}$$

**Option 1: 5: 25**

$$5 \times 6 = 30$$

This does not follow the logic.

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

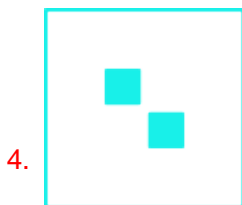
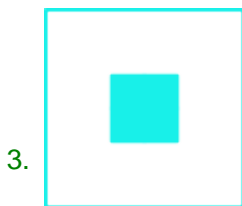
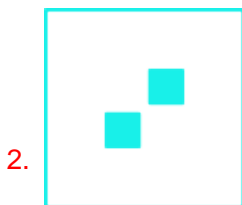
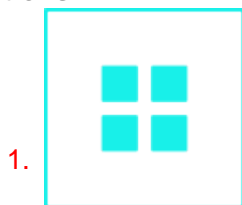
**Question 57 :**

A paper is folded and cut as shown in the following figures. How will it appear when unfolded?

**Difficulty : Moderate**

**Average Time : 44 Seconds**

**Options :**



**Solution :**

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

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After unfolding, the paper will appear as follows:



### Question 58 :

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 : 62 Seconds

### Options :

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

### Solution :

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

The logic used here is:

The number of lines needed to make the alphabet = 3

In option 3, 2 lines are needed. This does not follow the logic.

Hence, **option 3** is the odd one out.

### Question 59 :

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 :



C

2. B

3. D

4. A

### Solution :

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

The logic used here is:

In each option, the figure has a vertical line of symmetry.

In option 3, i.e. figure D, the figure is not divided equally. This does not follow the logic.

Hence, **option 3** is the odd one out.

### Question 60 :

In a code language, SKILL is written as 72. How will CAREER be written in that language?

Difficulty : Moderate

Average Time : 46 Seconds

### Options :

1. 112

2. 82

3. 102

4. 92

### Solution :

The correct answer is **option 1** i.e. **112**.

The logic used here is:

SKILL is written as 72

Opposite of S = H = 8

Opposite of K = P = 16

Opposite of I = R = 18

Opposite of L = O = 15

Opposite of L = O = 15

SKILL = 8 + 16 + 18 + 15 + 15 = 72

Similarly;

**Code for the word CAREER:**

Opposite of C = W = 24

Opposite of A = Z = 26

Opposite of R = I = 9

Opposite of E = V = 22

Opposite of E = V = 22

Opposite of R = I = 9

SKILL = 24 + 26 + 9 + 22 + 22 + 9 = 112

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

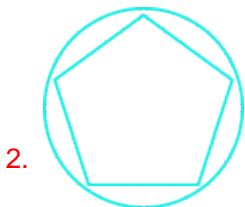
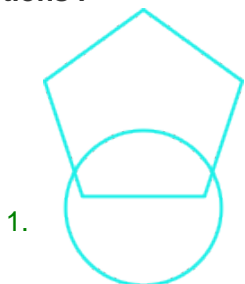
**Question 61 :**

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

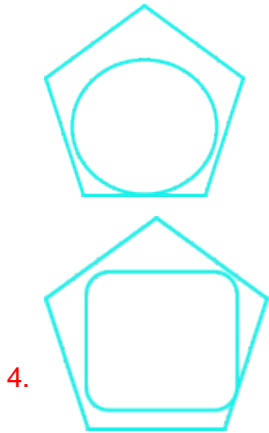
**Difficulty : Moderate**

**Average Time : 65 Seconds**

**Options :**



3.



**Solution :**



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

The logic used here is:

Logic between the first figure and second figure:

The triangle is shifted to the upper half of the square.

Similarly; the pattern will be followed by the third figure and the fourth figure.

The pentagon will be shifted to the upper half of the circle.

The pattern is:



**Question 62 :**

'Piglet' is related to 'Pig' in the same way as 'Kitten' is related to \_\_\_\_\_.

**Difficulty : Moderate**

**Average Time : 75 Seconds**

**Options :**

Cow

2. Kite

3. Cattle

4. Cat

### Solution :

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

The logic used here is:

'Piglet' is related to 'Pig'

Piglet is a young pig.

Similarly;

'Kitten' is related to \_\_\_\_\_

Kitten is a young cat.

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

### Question 63 :

Select the option figure that can replace the "?" to complete the pattern in the question figure.

Difficulty : Moderate

Average Time : 45 Seconds

### Options :



### Solution :

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



The logic used here is:

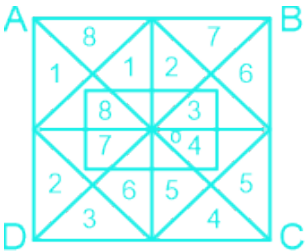
In triangle AOB;

$$1 + 2 + 7 + 8 = 18$$

In triangle COD;

$$3 + 4 + 5 + 6 = 18$$

Similarly, we need to find the box which would satisfy this condition. Thus, option 3 satisfies the condition.



In triangle BOC;

$$3 + 4 + 5 + 6 = 18$$

In triangle AOD;

$$1 + 2 + 7 + 8 = 18$$

**Question 64 :**

Which number will replace the question mark (?) in the following series? 7, 24, 75, 228, ?

Difficulty : Moderate

Average Time : 71 Seconds

**Options :**

1. 660
2. 656
3. 689
4. 687

**Solution :**

The correct answer is **option 4** i.e. **687**.





Given series: 7, 24, 75, 228, ?

The series follows this pattern:

$$7 \times 3 + 3 = 21 + 3 = 24$$

$$24 \times 3 + 3 = 72 + 3 = 75$$

$$75 \times 3 + 3 = 225 + 3 = 228$$

$$228 \times 3 + 3 = 684 + 3 = 687$$

So, the next term in the series is **687**.

**Question 65 :**

Select the set in which the numbers are related in the same way as the numbers of the following set. (2, 16, 32)

Difficulty : Moderate

Average Time : 45 Seconds

**Options :**

1. (4, 256, 512)
2. (28, 51, 102)
3. (3, 24, 45)
4. (18, 158, 316)

**Solution :**

The correct answer is **option 1** i.e. (4, 256, 512).

The logic used here is:

$$(2, 16, 32)$$

$$2^4 = 16$$

$$16 \times 2 = 32$$

Similarly;

$$(4, 256, 512)$$

$$4^4 = 256$$

$$256 \times 2 = 512$$

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

### Question 66 :

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 : 44 Seconds

### Options :

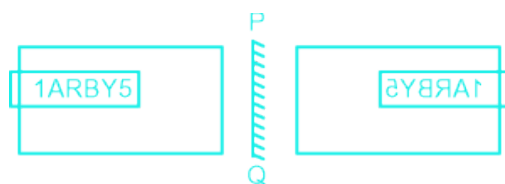
- 1.
- 2.
- 3.
- 4.

### Solution :



The correct answer is **option 3** 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 3** is the correct answer.

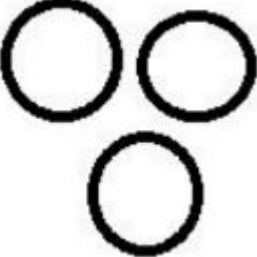

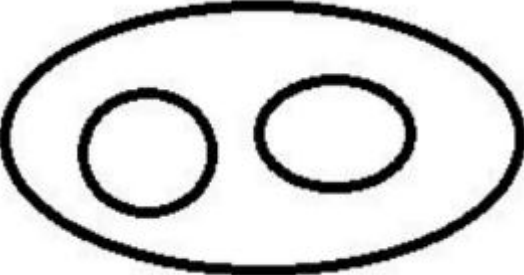

### Question 67 :

Which of the following Venn diagrams best represents the classes given here? Dog, Cat, Pet

Difficulty : Moderate

Average Time : 71 Seconds

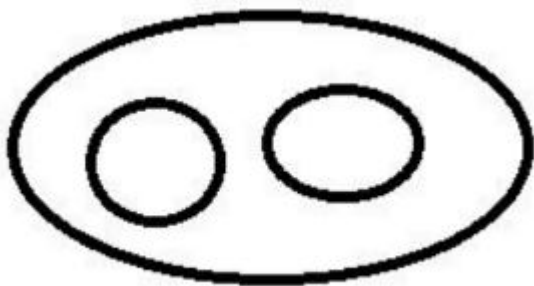
Options :

- 1.  ✗ 1.
- 2.  ✗ 2.
- 3.  ✓ 3.
- 4.  ✗ 4.

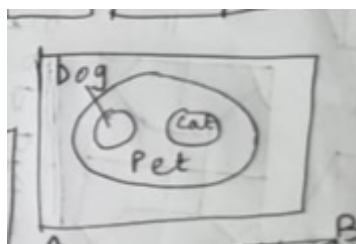
Solution :

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

✓ 3.



The possible Venn diagram is:



All dogs and cats are pets.

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

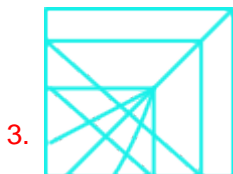
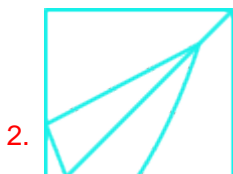
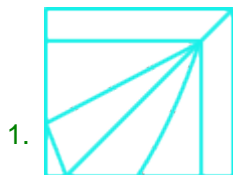
**Question 68 :**

Select the option figure that can replace the "?" to complete the pattern in the question figure.

Difficulty : Moderate

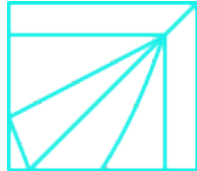
Average Time : 70 Seconds

Options :





**Solution :**



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

The figure that will complete the pattern:



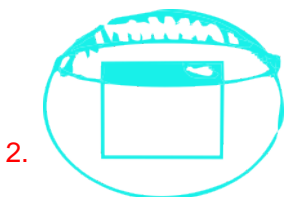
**Question 69 :**

Select the figure from the options in which the given figure is embedded (Rotations allowed).

**Difficulty :** Moderate

**Average Time :** 61 Seconds

**Options :**



3.

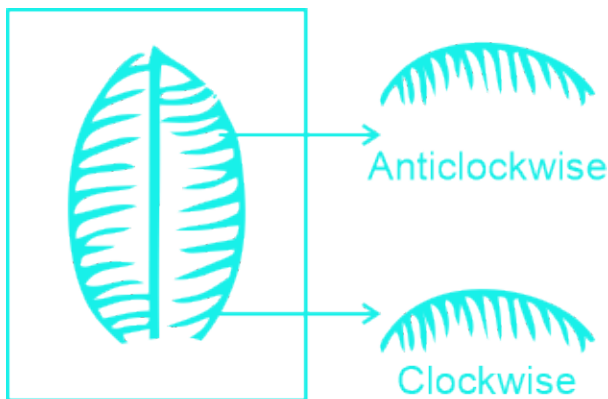


**Solution :**



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

The given figure is embedded in option 3, as shown below:



Rotated the left side of the figure by 90 degrees in the clockwise direction and the right side of the figure in the anticlockwise direction.

**Question 70 :**

Which among the following options is a correct possibility if the given figure is folded to form a dice?

Difficulty : Moderate

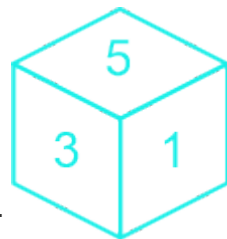
Average Time : 69 Seconds

Options :

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



Solution :



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

When the sheet is folded along the lines;

5 is opposite to 2.



3 is opposite to 4.

6 is opposite to 1.

In options 1, 3, and 4 opposite pairs are adjacent to each other. Hence, these cubes cannot be formed.

In option 2, no opposite pairs are adjacent to each other.

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

### Question 71 :

Two different positions of the same dice are shown. Which symbol would appear on the face opposite to the face having the symbol "!"?

Difficulty : Moderate

Average Time : 72 Seconds

### Options :

1. =
2. @
3. \$
4. #

### Solution :

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

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

Clockwise direction:

Dice 1: ! % \$

Dice 2: ! # @

So, ! is opposite to =.

Anticlockwise direction:

Dice 1: ! \$ %

Dice 2: ! @ #

So, ! is opposite to =.

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

### Question 72 :





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

Difficulty : Moderate

Average Time : 48 Seconds

Options :

1. Tiger
2. Elephant
3. Zoo
4. Lion

Solution :

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

The logic used here is:

Tigers, elephants, and Lions are animals, whereas a zoo is a place where animals are kept.

Hence, **option 3** is the odd one out.

Question 73 :

Which two numbers should be interchanged in the following equation to make it correct?  $4 \div 5 - 3 + 2 \times 1 = 11$

Difficulty : Moderate

Average Time : 42 Seconds

Options :

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

Solution :

The correct answer is **option 2** i.e. **5 and 1**.

Given equation:  $4 \div 5 - 3 + 2 \times 1 = 11$

Option 1: 4 and 3

After interchanging the expression becomes:

$$= 3 \div 5 - 4 + 2 \times 1 = 11$$

= -1.4 is not equal to 11.

**Option 2: 5 and 1**

After interchanging the expression becomes:

$$= 4 \div 1 - 3 + 2 \times 5 = 11$$

$$= 4 - 3 + 2 \times 5$$

$$= 4 - 3 + 10$$

$$= 11 \text{ is equal to } 11.$$

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

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

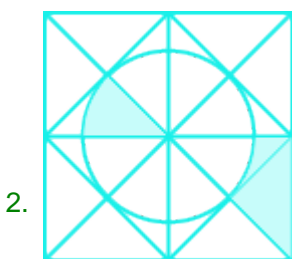
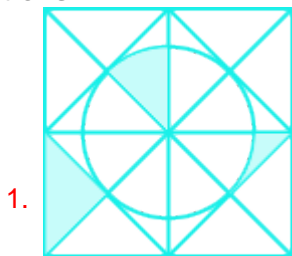
**Question 74 :**

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

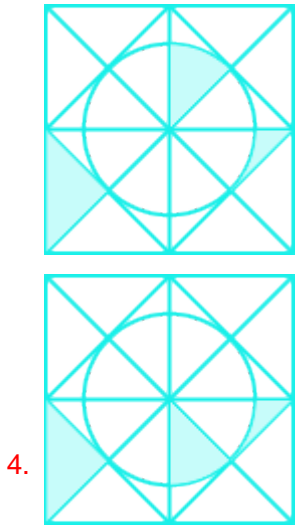
Difficulty : Moderate

Average Time : 57 Seconds

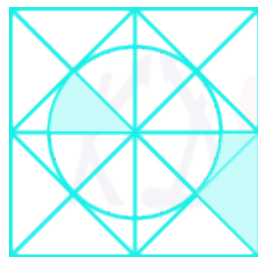
Options :



3.



**Solution :**



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

The logic used here is:

1. The triangle moves one step forward.
2. The shaded portion between the triangle and the sector is moving one step backward.
3. The sector moves two steps forward.

The image series:



**Question 75 :**

Which of the following Venn diagrams best represents the classes given here? Moong, Pulses, Food

**Difficulty :** Moderate

**Average Time :** 69 Seconds

**Options :**

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

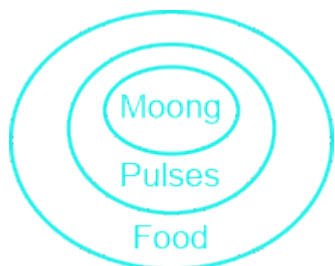


**Solution :**



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

The possible Venn diagram is:



All moong are pulses. All pulses are foods.

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

**Question 76 :**



By selling a sofa set for ₹125,800 and a table for ₹15,000, a shopkeeper gains 10% on the whole transaction. However, if he sells the sofa set for ₹122,500 and the table for its original cost, he loses 5%. What is the original cost of the table?

**Difficulty : Moderate**

**Average Time : 73 Seconds**

**Options :**

1. 23,500
2. 23,834
3. 24,750
4. 4,100

**Solution :**

The correct answer is **option 4** i.e. **4,100**

Given that

By selling a sofa set for ₹125,800 and a table for ₹15,000, a shopkeeper gains 10% on the whole transaction.

Total S.P = 25800 + 5000 = 30800 Rs

Total profit 10%

Total C.P =  $(30800/110) * 100 = 28000$  Rs

Now,

If he sells the sofa set for ₹122,500 and the table for its original cost, he loses 5% on the whole transaction

Total CP = 28000

Total SP =  $28000 * 95\% = 26600$

SP of the table =  $26600 - 22500 = 4100$  Rs = CP of the table

**Question 77 :**

A housewife spends 60% of her monthly income on grocery, clothes and education in the ratio of 5:7: 10, respectively. If the amount spent on grocery is ₹15,000, then what is her monthly income (in ₹)?

**Difficulty : Moderate**

**Average Time : 58 Seconds**

**Options :**

1. 1,25,000



1,20,000

3. 1,00,000

4. 1,10,000

**Solution :**

The correct answer is **option 4** i.e. **1,10,000**

Given that

The 60% spend of income on groceries, clothes, and education in the ratio = 5 : 7 : 10

The amount spent on groceries is ₹1,15,000

According to question

Groceries (5 units) = 15000 Rs

1 unit = 3000

Total (22units) = 22\* 3000= 66000 Rs

60% of income = 66000

Income = (66000/60) \* 100 = 110000

**Question 78 :**

Three candidates contested an election and received 2272, 15272, and 23256 votes, respectively. All votes are valid votes. What percentage of the total votes did the candidate with the minimum votes get (correct to the nearest natural number)?

**Difficulty : Moderate**

**Average Time : 49 Seconds**

**Options :**

1. 5%

2. 4%

3. 8%

4. 6%

**Solution :**

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

Given that

Three candidates contested an election and received 2272, 15272, and 23256 votes, respectively.

According to the question

$$\text{Total votes} = 2272 + 15272 + 23256 =$$

$$\text{Required \%} = (2272/(40800)) * 100 = 2272/408 = 5.56 = 6 \% \text{ approx}$$

**Question 79 :**

The sides of a triangle are in the ratio  $(\frac{1}{2}:\frac{1}{3}:\frac{1}{5})$  If the perimeter of the triangle is 186 cm, then the length (in cm) of the largest side is:

**Difficulty : Moderate**

**Average Time : 43 Seconds**

**Options :**

1. 60
2. 90
3. 72
4. 120

**Solution :**

The correct answer is **option 2** i.e. **90**

Given that

The sides of a triangle are in the ratio  $(\frac{1}{2}:\frac{1}{3}:\frac{1}{5}) = 15: 10 : 6$

The perimeter of the triangle = 186 cm

$$15x + 10x + 6x = 186$$

$$31x = 186$$

$$x = 6 \text{ cm}$$

Hence, the largest side of the triangle =  $15x = 15 * 6 = 90 \text{ cm}$

**Question 80 :**

The sum of the selling prices with a discount of 32% and two successive discounts of 20% and 12%, is ₹1,211. The marked price (in ₹) of the article is:

**Difficulty : Moderate**

**Average Time : 47 Seconds**

**Options :**



750

2. 1350

3. 1000

4. 875

**Solution :**

The correct answer is **option 4** i.e. **875**

According to the question

$$MP * 68\% + MP * 80\% * 88\% = 1211$$

$$MP * (17/25) + MP * (4/5) * (22/25) = 1211$$

$$MP * (173/125) = 1211$$

$$MP = (1211 * 125) / 173 = 875$$

**Question 81 :**

A number consists of 3 digits whose sum is 14. The middle digit is equal to the sum of the other two digits. The number will increase by 99 if its digits are reversed. The number is:

**Difficulty : Moderate**

**Average Time : 41 Seconds**

**Options :**

1. 374

2. 2755

3. 572

4. 473

**Solution :**

The correct answer is **option 1** i.e. **374**

Let the three-digit number is =  $xyz = 100x + 10y + z$

Given that

$$x + y + z = 14 \dots\dots\dots 1$$

$$y = x + z \dots\dots\dots 2$$





According to the question

$$(100z + 10y + x) - (100x + 10y + z) = 99$$

$$99z - 99x = 99$$

$$z - x = 1$$

Now, from equation 1 & 2

$$4x + 2 = 14$$

$$x = 12/4 = 3$$

$$y = 7, z = 4$$

Hence, the digit is = 374

**Question 82 :**

A cistern, 8 m long and 5 m wide, contains water up to a depth of 1 m 25 cm. The total area (in m<sup>2</sup>) of the wet surface is:

Difficulty : Moderate

Average Time : 53 Seconds

**Options :**

1. 72.5
2. 69
3. 73.5
4. 70.5

**Solution :**

The correct answer is **option 1** i.e. **72.5**

Formula used

$$\text{The total surface area of the open cistern} = 2(l \cdot h + b \cdot h) + b \cdot l$$

where l, b, h are the length, breadth, and height of the cistern

Calculation

$$= 2(l \cdot h + b \cdot h) + b \cdot l = 2 * (8 + 5) * 1.25 + 8 * 5 = 26 * 1.25 + 40$$

$$= 32.5 + 40 = 72.5 \text{ cm}^2$$

**Question 83 :**



A towel, when bleached, was found to have lost 25% of its length and 15% of its breadth. The percentage of decrease in the area is:

**Difficulty : Moderate**

**Average Time : 48 Seconds**

**Options :**

1. 38.5%
2. 36.25%
3. 35%
4. 37.75%

**Solution :**

The correct answer is **option 2** i.e. **36.25%**

According to the question

Length is decreased by 25%

Breadth is also decreased by 15 %

% change in area is a successive change in the length and breadth of a towel

$$= 25 + 15 - (25 \times 15) / 100 = 40 - 3.75 = 36.25\%$$

**Question 84 :**

In a press there are three types of printing machines A, B and C. Machine A can print ten thousand pages in 8 hours, machine B can do the same task in 10 hours, and machine C can do the same task in 12 hours. All three machines start the task at 9:00a.m. Machine A breaks down at 11:00 a.m. and machines B and C continue working. At 12:00 noon machine B also breaks down and machine C alone has to complete the remaining task. What is the approximate time of completion of the task?

**Difficulty : Moderate**

**Average Time : 62 Seconds**

**Options :**

1. 1:54 p.m.
2. 2:24 p.m.
3. 12:45 p.m.
4. 2:40 p.m.

**Solution :**

The correct answer is **option 2** i.e. **2:24 p.m.**

Given that

$$A * 8 = B * 10 = C * 12$$

$$A : B : C = 15: 12: 10$$

According to the question

$$(A + B + C) * 2 + (B + C) * 1 + C * d = \text{Total work} = 15 * 8 = 120$$

$$37 * 2 + 22 * 1 + 10 * d = 120$$

$$96 + 10d = 120$$

$$d = 2.4 \text{ hours}$$

Hence, complete work in =  $2 + 1 + 2.4 = 5.4$  hours = **2:24 p.m.**

#### Question 85 :

4 bells beep at an interval of 4, 12, 20 and 25 minutes. If they beep together at 8 a.m., then they will beep together again at:

Difficulty : Moderate

Average Time : 49 Seconds

#### Options :

1. 12 noon
2. 1 p.m.
3. 11 a.m.
4. 2 p.m.

#### Solution :

The correct answer is **option 2** i.e. **1 p.m.**

Given that

4 bells beep at an interval of 4, 12, 20 and 25 minutes

Now,

we take LCM (4, 12, 20, 25) = 300 minutes = 5 hours

Hence, they will beep together again at = 8 a.m. + 5 hours = 1 p.m

#### Question 86 :



The arrangement of rational numbers  $(-\frac{7}{10}, -\frac{5}{8}, -\frac{2}{3})$  in descending order is:

Difficulty : Moderate

Average Time : 43 Seconds

Options :

1.  $(-\frac{7}{10}, \frac{2}{-3}, \frac{5}{-8})$
2.  $(-\frac{7}{10}, \frac{5}{-8}, \frac{2}{-3})$
3.  $(-\frac{5}{8}, -\frac{2}{3}, -\frac{7}{10})$
4.  $(\frac{5}{-8}, -\frac{7}{10}, \frac{2}{-3})$

Solution :

The correct answer is **option 3** i.e.  $(-\frac{5}{8}, -\frac{2}{3}, -\frac{7}{10})$

Given that

The arrangement of rational numbers in descending order is:

We take LCM of 10, 8, 3 = 120  $(-\frac{7}{10}, -\frac{5}{8}, -\frac{2}{3})$

Now, First no. =  $(-\frac{7}{10}) * 120 = -84$

Second no. =  $(-\frac{5}{8}) * 120 = -75$

Third no. =  $(-\frac{2}{3}) * 120 = -80$

Hence, the decreasing order of the given no. =  $(-\frac{5}{8}, -\frac{2}{3}, -\frac{7}{10})$

**Question 87 :**

The average of 17 numbers is 15. If the average of the first nine numbers is 14 and that of the last 9 numbers is 16, then the middle number is:

Difficulty : Moderate

Average Time : 65 Seconds

Options :

1. 15
2. 14
3. 17
4. 16

Solution :

The correct answer is **option 1** i.e. **15**

Given that

The average of 17 numbers = 15

The sum of 17 numbers =  $15 * 17 = 255$

The average of the first nine numbers = 14

The sum of the first nine numbers =  $14 * 9 = 126$

The average of the last 9 numbers = 16

The sum of the last nine numbers =  $16 * 9 = 144$

The middle number =  $144 + 126 - 255 = 15$

**Question 88 :**

A sum of money was put at simple interest at a certain rate for 2 years. Had it been at 3% higher rate for 3 years, it would have fetched ₹,72 more. If the sum is 80 times the rate of interest, then the rate per annum is:

**Difficulty : Moderate**

**Average Time : 53 Seconds**

**Options :**

1. 8%
2. 6%
3. 5%
4. 4%

**Solution :**

The correct answer is **option 2** i.e. **6%**

Let the initial rate of interest =  $r\%$

The principal amount =  $P$

Time = 2 years

Formula used  $S.I. = (P \times R \times T)/100$

According to the question

$$[P * (r + 3) * 3]/100 - (P * r * 2)/100 = 72$$



$$Pr + 3P = 7200$$

Given that  $P = 80r$

$$80r^2 + 240r - 7200 = 0$$

$$r = 6\%$$

**Question 89 :**

A sum of ₹12,000 amounts to ₹20,736 in  $1\frac{1}{2}$  years at a certain rate per annum on compound interest, compounded half yearly. What will be the compound interest (in Rs.) of the same sum in 2 years at the same rate on compound interest, if the interest is compounded annually?

**Difficulty : Moderate****Average Time : 57 Seconds****Options :**

1. 12,510
2. 11,250
3. 15,210
4. 11,520

**Solution :**

The correct answer is **option 4** i.e. **11,520**

Given that

Compounded half yearly

$$\text{Time} = 1.5 * 2 = 3 \text{ years}$$

A sum of  $P = ₹12,000$  amounts to  $A = ₹20,736$  in 3 years

According to the question

$$= \hat{A} \hat{P} (A: P) = \hat{A} \hat{P} (20736: 12000) = \hat{A} \hat{P} (1728: 1000) = 12: 10$$

Rate of interest =  $(2/10) * 100 = 20\%$  compounded half yearly

Now, the rate of interest compounded annually =  $20 * 2 = 40\%$  compounded annually

$$40\% = 2/5 \text{ then } A : P = 7/5$$

for 2 years = 49: 25

$$P (25 \text{ units}) = 12000$$



CI ( 49 - 25 = 24 units) = 24 \* 12000/25 = 11520 Rs

**Question 90 :**

A man takes 5 hours 45 minutes to walk to a certain place and ride back. He would have taken 2 hours more by walking both ways. The time he would take to ride both ways is:

**Difficulty : Moderate**

**Average Time : 56 Seconds**

**Options :**

1. 4 hours
2. 3 hours 15 minutes
3. 3 hours 45 minutes
4. 2 hours 45 minutes

**Solution :**

The correct answer is **option 3** i.e. **3 hours 45 minutes**

Given that

A man takes time to walk to a certain place and rides back = 5 hours 45 minutes

He takes time to walk both ways = 2 + 5 hours 45 minutes = 7 hours 45 minutes

According to the question

We say that he saves 2 hours to ride except for walk

Hence,

The time he would take to ride both ways = 5 hours 45 minutes - 2 hours

= 3 hours 45 minutes

**Question 91 :**

When you open a new workbook in MS Excel, which of the following appears on the topmost portion of the screen?

**Difficulty : Moderate**

**Average Time : 56 Seconds**

**Options :**

1. Horizontal scroll bar
2. Vertical scroll bar



Status bar

4. Title bar

**Solution :**

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

When we open a new workbook in MS Excel, the Title bar appears on the topmost portion of the screen.

**Title bar:**

It displays the name of the open document. It is located on the top of a window.

**Status bar:**

It is a horizontal bar at the bottom of the worksheet window. It displays important details about the current status of the open spreadsheet.

**Vertical scroll bar:**

It is used to view the data in Excel from up and down.

**Horizontal scroll bar:**

It is used to view the data from left to right.

**Question 92 :**

Which of the following keyboard shortcuts can be used to indent paragraphs in an MS Word document?

**Difficulty : Moderate**

**Average Time : 67 Seconds**

**Options :**

1. Alt + I
2. Alt + T
3. Ctrl + I
4. Ctrl + M

**Solution :**

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

**Ctrl + M:** Indent paragraphs in an MS Word document.

**Alt + I:** Opens the Insert file menu.



**Alt + T:** Accesses the Tools menu item in the file menu.

**Ctrl + I:** Apply italic formatting to text.

**Question 93 :**

In dotted-decimal notation, an IP version 4 address is represented by using exactly \_\_\_\_\_ dot (.) symbols.

**Difficulty : Moderate**

**Average Time : 46 Seconds**

**Options :**

1. three
2. four
3. five
4. two

**Solution :**

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

In dotted-decimal notation, an IP version 4 address is represented by using exactly **three** dot (.) symbols.

An Internet Protocol address (IP address) is a numerical label connected to a computer network that uses the Internet Protocol for communication.

Size: 32 bits

Ex: 127.255.255.255

IP address space is managed globally by the Internet Assigned Numbers Authority (IANA).

**Question 94 :**

Which of the following keyboard shortcuts is used to activate a browser tab to the right of the current tab in a Chrome browser?

**Difficulty : Moderate**

**Average Time : 51 Seconds**

**Options :**

1. Ctrl + Right arrow
2. Ctrl + Page down
3. Alt + Left arrow
4. Ctrl + Page up

**Solution :**

The correct answer is **option 2** i.e. **Ctrl + Page down**.

**Ctrl + Page down:** Activates a browser tab to the right of the current tab in a Chrome browser.

**Alt + Left Arrow:** This takes you to the previous page in your browsing history.

**Ctrl + Page up:** Jumps to the previous open tab

**Ctrl + Right arrow:** Move your cursor to the next word.

**Question 95 :**

What will be the result of the following MS Excel formula? =FACT(0) + FACT(3) + FACT(5)

**Difficulty : Moderate**

**Average Time : 53 Seconds**

**Options :**

1. 126
2. 9
3. 127
4. 8

**Solution :**

The correct answer is **option 3** i.e. **127**.

**The FACT function returns the factorial value.**

$$\text{FACT}(0) = 1$$

$$\text{FACT}(3) = 6$$

$$\text{FACT}(5) = 120$$

$$=\text{FACT}(0) + \text{FACT}(3) + \text{FACT}(5)$$

$$= 1 + 6 + 120$$

$$= 127$$

**Question 96 :**

Which of the following appears as a part of the 'Editing' command group within the Home menu in recent versions of MS Word, such as Word 2016?

**Difficulty : Moderate**

**Average Time : 41 Seconds**

## Options :

1. Change case
2. Font color
3. Format Painter
4. Replace

## Solution :

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

**Replace** appears as a part of the 'Editing' command group within the Home menu in recent versions of MS Word, such as Word 2016.

The options available in the Editing tab are:

1. Replace
2. Find
3. Select

**Change case** convert texts between different letter cases.

**Font color** inserts colorized text.

**Format Painter** is used to quickly apply the same formatting, such as color, font style, etc. to multiple texts.

## Question 97 :

Which of the following is NOT a valid 'Change case' option in MS Word?

Difficulty : Moderate

Average Time : 57 Seconds

## Options :

1. Uppercase
2. Toggle case
3. Lowercase
4. Pascal case

## Solution :

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

Pascal Case is not a valid 'Change case' option in MS Word.



In the Pascal case, each letter of each word is capitalized. Ex: Python Is An Easy Language.

**Uppercase:** All letters are capitalized. Ex: A, B, C, etc.

**Lowercase:** All letters are in lowercase. Ex: a, b, c, etc.

**Togglecase:** Text is converted to the mixed-case version of the text. Ex: ComPUter

### Question 98 :

Consider a formula " $=A3+B4$ " in cell A5. If cell A5 is copied and pasted into E9, then what will be the formula in cell E9?

Difficulty : Moderate

Average Time : 58 Seconds

### Options :

1.  $=A3+B4$
2.  $=E8+F7$
3.  $=E7+F8$
4.  $=B4+C5$

### Solution :

The correct answer is **option 3** i.e.  $=E7+F8$ .

Formula in cell A5 = " $=A3+B4$ "

If cell A5 is copied and pasted into E9, then E9 = " $=E7+F8$ ".

### Question 99 :

State whether the following statements related to MS Word are true or false. (i) When you open a new file in MS Word, by default it has a Landscape orientation. (ii) When you open a new file in MS Word, by default it has a Portrait orientation.

Difficulty : Moderate

Average Time : 48 Seconds

### Options :

1. (i) True, (ii) True
2. (i) False, (ii) True
3. (i) True, (ii) False
4. (i) False, (ii) False

### Solution :

The correct answer is **option 2** i.e. (i) False, (ii) True.

(i) When you open a new file in MS Word, by default it has a Landscape orientation. - False

Landscape orientation is when the width of the document is greater than the height.

**Shortcut:** Alt + S

(ii) When you open a new file in MS Word, by default it has a Portrait orientation. - True

Portrait orientation is when the height of the document is greater than the width.

**Shortcut:** Alt + P

**Question 100 :**

Which of the following protocols pushes email messages to the server?

**Difficulty :** Moderate

**Average Time :** 60 Seconds

**Options :**

1. SMTP
2. HTTP
3. Both, POP and HTTP
4. POP

**Solution :**

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

**SMTP** pushes email messages to the server.

The Simple Mail Transfer Protocol (SMTP) is used for electronic mail transmission.

SMTP transaction consists of three command/reply sequences:

1. MAIL command: To establish the return address.
2. RCPT command: To establish a recipient of the message.
3. DATA: To signal the beginning of the message text.

**Hypertext Transfer Protocol (HTTP)** is used for transmitting hypermedia documents, such as HTML.

**Post Office Protocol** is used by e-mail clients to retrieve e-mail from a mail server.

## Delhi Police Constable Tier 1 Previous Year Question

## Paper Analysis

The analysis of Delhi Police Constable Tier 1 Previous Year Question Paper held on 2020-12-01 in the Evening 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, 15 questions were asked from Numerical Ability and 10 questions were asked from Computer Knowledge
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. Art And Culture - 50

### Logical Reasoning

1. Coding Decoding - 1
2. Analogy - 2
3. Classification - 2
4. Venn Diagrams - 2
5. Figure Based - 11
6. Matrix - 1
7. Series - 2
8. Mathematical Reasoning - 2
9. Cubes And Dice - 2

### Numerical Ability

### Computer Knowledge

## 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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## Further Guidance on Delhi Police Constable Tier 1 Previous Year Question Paper

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### About Neetu Mam

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.