



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 2020-12-11 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 :

On 21 August 2020, former Finance Secretary Rajiv Kumar was appointed as:

Difficulty : Moderate

Average Time : 41 Seconds

Options :

1. the Election Commissioner
2. a member of UPSC
3. the Defence Secretary
4. the Secretary of State for Education

Solution :

The correct answer is **option 1** i.e. **the Election Commissioner**.

- Rajiv Kumar was born on February 19, 1960, he holds degrees in BSc, LLB, PGDM, and a master's degree in public policy.
- Rajiv Kumar is an Indian Administrative Service officer of the Bihar/Jharkhand.
- Rajiv Kumar has also held other positions such as director for the Central Board of Reserve Bank of India (RBI), SBI, and NABARD.

Question 2 :

Pandit Jasraj was related to which of the following fields?

Difficulty : Moderate

Average Time : 51 Seconds



5 LAKH+ STUDENTS
Already enrolled with our selection focused courses.



30+ EXPERT INSTRUCTORS
Our instructors are the best in the industry



10000+ HOURS OF VIDEOS
All videos are well-explained for you to get every bit out of the videos

Options :

1. Fiction writing
2. Classical instrument
3. Classical singing
4. Classical dance

Solution :

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

- Pandit Jasraj was one of the famous classical singers of India.
- Jasraj spent more than 80 years in the music world and received several major awards.
- He has been honored with the prestigious Padma Bhushan, Padma Vibhushan, Musical Drama Academy Award in addition to many other awards.

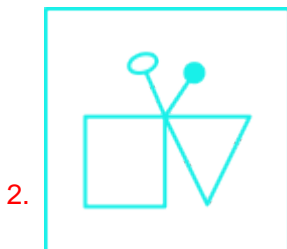
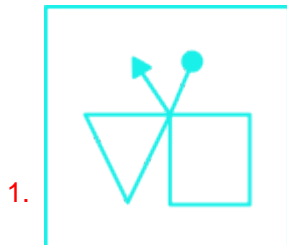
Question 3 :

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

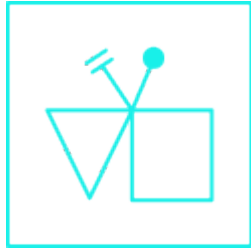
Difficulty : Moderate

Average Time : 49 Seconds

Options :



3.



4.

Solution :



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

Question 4 :

To treat the eye disease known as myopia or near sightedness, which of the following lenses is used?

Difficulty : Moderate

Average Time : 53 Seconds

Options :

1. Convex lens
2. Concave lens
3. Bifocal lens
4. Compound lens

Solution :

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

- Concave lenses have at least one surface curved inside.
- Each light ray entering a diverging (concave) lens refracts outwards as it enters the lens and outwards again as it leaves. These refractions cause parallel light rays to spread out, traveling directly away from an imaginary focal



point.

Question 5 :

The 101st Amendment to the Indian Constitution is concerned with:

Difficulty : Moderate

Average Time : 46 Seconds

Options :

1. Citizenship Act
2. Goods and Services Tax (GST)
3. Right to Work
4. Fundamental Rights

Solution :

The correct answer is **option 2** i.e. **Goods and Services Tax (GST)**.

- The Goods and Services Tax (GST) is a successor to VAT used in India on the supply of goods and services.
- Goods and services are divided into five different tax slabs for collection of tax: 0%, 5%, 12%, 18% and 28%.
- The tax came into effect on 1 July 2017 through the implementation of the 101st Amendment of the Constitution of India by the Indian government.

Question 6 :

The headquarters of National Bank of Agriculture and Rural Development (NABARD) is situated at:

Difficulty : Moderate

Average Time : 52 Seconds

Options :

1. Delhi
2. Kolkata
3. Mumbai
4. Bengaluru

Solution :

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

- NABARD is India's apex development bank, established in 1982 under an Act of Parliament to promote sustainable and equitable agriculture and rural development.
- The National Bank for Agriculture and Rural Development (NABARD) is a regulatory body for the overall regulation



of regional rural banks and apex cooperative banks in India.

- NABARD has its head office in Mumbai, India regional offices in all states, and one special cell at Srinagar J&K. The Regional Office[RO] is headed by a Chief General Manager [CGM] as Officer in charge, and the Head office has several top executives the Directors, Deputy Managing Directors[DMD], and the Chairperson.

Question 7 :

The horizontal rows in Mendeleev's periodic table are called as:

Difficulty : Moderate

Average Time : 61 Seconds

Options :

1. Periods
2. Gradation
3. Subgroups
4. Groups

Solution :

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

- The periodic table, also known as the periodic table of the elements, arranges the chemical elements into rows ("periods") and columns ("groups").
- Dmitri Ivanovich Mendeleev was a Russian chemist and inventor.
- He used the Periodic Law not only to correct the properties of some known elements, such as the valence and atomic weight but also to predict the properties of three elements that were yet to be discovered.

Question 8 :

Who are the authors of the book, 'The Book of Gutsy Women'?

Difficulty : Moderate

Average Time : 52 Seconds

Options :

1. Jokha Alharthi and Michael Wood
2. Michelle Obama and Barak Obama
3. Hillary Clinton and Bill Clinton
4. Hillary Clinton and Chelsea Clinton

Solution :



The correct answer is **option 4** i.e. **Hillary Clinton and Chelsea Clinton**.

- Chelsea Victoria Clinton is an American writer.
- She is the only child of Bill Clinton, a former U.S. President, and Hillary Clinton, a former U.S. Secretary of State and 2016 presidential candidate.
- 'The Book of Gutsy Women' was released on October 1, 2019, and includes portraits of "gutsy women" including Chimamanda Ngozi Adichie, Mary Ritter Beard, Harriet Tubman, Edith Windsor, and Malala Yousafzai.

Question 9 :

How many members are nominated by the President of India to the Rajya Sabha (Council of States)?

Difficulty : Moderate

Average Time : 57 Seconds

Options :

1. 15
2. 2
3. 10
4. 12

Solution :

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

- The Rajya Sabha should not consist of more than 250 members with 238 members representing the States and Union Territories, and 12 members nominated by the President.
- The Vice President of India is the ex-officio Chairman of the Rajya Sabha.
- The House also elects a Deputy Chairman from among its members.
- Jagdeep Dhankhar is the present chairperson of the Rajya Sabha.

Question 10 :

The Constituent Assembly which had been elected for the framing of the Constitution held its first meeting on:

Difficulty : Moderate

Average Time : 51 Seconds

Options :

1. 15 December 1947
2. 15 August 1947



9 December 1946

4. 9 December 1947

Solution :

The correct answer is **option 3** i.e. **9 December 1946**.

- The Constitution was framed by the Constituent Assembly of India, established by the members of the provincial assemblies elected by the people of India.
- Dr Sachidanand Sinha was the first president of the Constituent Assembly. Later, Dr Rajendra Prasad was elected its president.

Question 11 :

Who among the following acts as the Chairman of the GST (Goods and Services Tax) Council?

Difficulty : Moderate

Average Time : 45 Seconds

Options :

1. Prime Minister of India
2. Union Finance Minister
3. Chief Cabinet Secretary
4. Union Finance Secretary

Solution :

The correct answer is **option 2** i.e. **Union Finance Minister**.

- Nirmala Sitharaman is the present chairman of GST.
- Late Arun Jaitley was the first chairman of the GST.
- The Goods and Services Tax (GST) is a successor to VAT used in India on the supply of goods and services.

Question 12 :

Which international organisation is the current governing body of Badminton?

Difficulty : Moderate

Average Time : 46 Seconds

Options :

1. Badminton World Federation
2. International Badminton Committee
3. International Paralympic Committee



International Olympic Committee

Solution :

The correct answer is **option 1** i.e. **Badminton World Federation**.

- The Badminton World Federation (BWF) is the international governing body for the sport of badminton recognized by the International Olympic Committee (IOC).
- It was founded in 1934 as the International Badminton Federation (IBF) with nine member nations (Canada, Denmark, England, France, Ireland, Netherlands, New Zealand, Scotland and Wales).
- Poul-Erik Høyer Larsen is the present president of The Badminton World Federation (BWF).

Question 13 :

'Bibi ka Maqbara' is a famous historical monument situated in:

Difficulty : Moderate

Average Time : 53 Seconds

Options :

1. Bhopal, Madhya Pradesh
2. Lucknow, Uttar Pradesh
3. Aurangabad, Maharashtra
4. Vijayawada, Andhra Pradesh

Solution :

The correct answer is **option 3** i.e. **Aurangabad, Maharashtra**.

- Bibi ka Maqbara was built by Mughal Aurangzeb in the late 17th century.
- According to historians, this mausoleum was built by Azamshah in memory of Dilras Bano Begum. He was also known as Rabia-ud-Daurani. It was built on the pattern of the Taj Mahal.
- This mausoleum is also called a clumsy copy of the Taj Mahal.

Question 14 :

Which of the following instruments is used to measure the blood pressure in humans?

Difficulty : Moderate

Average Time : 50 Seconds

Options :

1. Galvanometer
2. Diopter



Blood meter

4. Sphygmomanometer

Solution :

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

- A sphygmomanometer consists of an inflatable cuff, a measuring unit, and a mechanism for inflation which may be a manually operated bulb and valve or a pump operated electrically.
- Manual sphygmomanometers are used with a stethoscope when using the auscultatory technique.

Question 15 :

During the 1920s, the 'Self-respect movement' took place in which state of India?

Difficulty : Moderate

Average Time : 45 Seconds

Options :

1. Tamil Nadu
2. Uttar Pradesh
3. West Bengal
4. Maharashtra

Solution :

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

- The Self-Respect Movement started in South India, with the aim of achieving a society in which oppressed castes have equal human rights.
- It was founded by S. Ramanathan in 1925 who invited E. V. Ramasamy to head the movement in Tamil Nadu, India against Brahminism.

Question 16 :

Who is the chairman of the 15th Finance Commission of India?

Difficulty : Moderate

Average Time : 46 Seconds

Options :

1. Nand Kishore Singh



YV Reddy

3. Vipul Krishna

4. Nishikant Das

Solution :

The correct answer is **option 1** i.e. **Nand Kishore Singh**.

- Nand Kishore Singh is an Indian politician, economist, and former Indian Administrative Service officer.
- On 27 November 2017, the Modi government appointed him as the chairman of the Fifteenth Finance Commission of India.
- Singh was elected as a Member of Parliament to the Rajya Sabha from Bihar in April 2008, representing the Janata Dal (United).

Question 17 :

Which part of the Indian Constitution deals with the Directive Principles of State Policy?

Difficulty : Moderate

Average Time : 50 Seconds

Options :

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

Solution :

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

- The provisions contained in this Part shall not be enforceable by any court, but the principles therein laid down are nevertheless fundamental in the governance of the country and it shall be the duty of the State to apply these principles in making laws.
- The State shall strive to promote the welfare of the people by securing and protecting as effectively as It may be a social order in which justice, social, economic, and political, shall inform all the institutions of the national life.
- The State shall make provision for securing just and humane conditions of work and for maternity relief.

Question 18 :

What is the chemical name for vitamin B12?



Difficulty : Moderate

Average Time : 58 Seconds

Options :

1. Thiamin
2. Riboflavin
3. Cobalamin
4. Niacin

Solution :

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

- Vitamin B12 is a water-soluble vitamin involved in metabolism.
- It is required by animals, which use it as a cofactor in DNA synthesis, and in both fatty acid and amino acid metabolism.
- Vitamin B12 is the only vitamin that must be sourced from animal-derived foods or from supplements.
- Vitamin B12 is available in multivitamin/multimineral supplements, in B-complex supplements, and in supplements containing only vitamin B12.

Question 19 :

Which of the following regions of India is famous for its folk dance called 'Shondol Dance'?

Difficulty : Moderate

Average Time : 52 Seconds

Options :

1. Uttarakhand
2. Arunachal Pradesh
3. Ladakh
4. Karnataka

Solution :

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

- Shondol dance, which is known as the royal dance of Ladakh, has created history by entering into the Guinness Book of World Records as the largest Ladakhi dance.
- Shondol is a famous dance, which used to perform for the king of Ladakh.

Question 20 :



Who among the following has been elected as the Prime Minister of Sri Lanka in August 2020?

Difficulty : Moderate

Average Time : 45 Seconds

Options :

1. Maitripal Sirisena
2. M Premdasa
3. Mahindra Rajapaksa
4. Gotabaya Rajapaksa

Solution :

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

- Mahindra Rajapaksha was born in 1945.
- He was the president of Sri Lanka from 2005 to 2015 and the Prime Minister of Sri Lanka from 2004 to 2005, 2018, and 2019 to 2022.
- Rajapaksa is a lawyer by profession and was first elected to the Parliament of Sri Lanka in 1970.

Question 21 :

Who among the following moved the historic 'Objectives Resolution' in the Constituent Assembly of India?

Difficulty : Moderate

Average Time : 47 Seconds

Options :

1. KM Munshi
2. Rajendra Prasad
3. Maulana Abul Kalam Azad
4. Jawaharlal Nehru

Solution :

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

- Jawaharlal Nehru was the first Prime Minister of India after freedom.
- Objective Resolution was introduced by Jawaharlal Nehru on December 13, 1946.
- According to this, All fundamental rights must be protected. They include freedom of thought, expression, belief, faith, worship, and association subject to (the) law and public morality. They also include equality of status, opportunity, and before the law.

Question 22 :



Who among the following had been appointed as the CEO of Google's parent company Alphabet Inc. in December 2019?

Difficulty : Moderate

Average Time : 52 Seconds

Options :

1. Jeff Bezos
2. Sundar Pichai
3. Thomas Canning
4. Mark Zuckerberg

Solution :

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

- Sundar Pichai was born in 1972 in Madurai, Chennai.
- In 2022, Pichai received the Padma Bhushan in the category of Trade and Industry from the Government of India.
- He completed his bachelor's degree from IIT Kharagpur.

Question 23 :

The famous 'Ramosi Uprising' against British Rule took place in India during the latter half of the 19th century. From the following options, identify the region where it occurred.

Difficulty : Moderate

Average Time : 49 Seconds

Options :

1. Bundelkhand region
2. Chota Nagpur region
3. Western Maharashtra
4. Southern region of India

Solution :

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

- Ramosi Uprising was a farmer uprising against the British government's lack of anti-famine action in Maharashtra.
- Vasudev Balwant Phadke was the leader of the Ramosi Uprising.
- The main reason behind this uprising was the large scale of unemployment after the British annexation of Maratha territories in 1818.

Question 24 :



Who among the following shifted his capital from Delhi to Daulatabad?

Difficulty : Moderate

Average Time : 48 Seconds

Options :

1. Qutubuddin Aibak
2. Alauddin Khalji
3. Muhammad Bin Tughluq
4. Ibrahim Lodi

Solution :

The correct answer is **option 3** i.e. **Muhammad Bin Tughluq**.

- Muhammad bin Tughlaq was the son of Ghiyasuddin Tughlaq who was the founder of the Tughlaq dynasty.
- After the death of his father Muhammad bin Tughlaq became of Delhi in February 1325 CE.
- In his reign, he conquered Warangal (in present-day Telangana, India), Ma'abar (Kayalpatnam), and Madurai (Tamil Nadu, India), and areas up to the modern-day southern tip of the Indian state of Karnataka.
- In 1327, Tughluq ordered to move of his capital from Delhi to Daulatabad (also known as Devagiri) (in present-day Maharashtra) in the Deccan region of India.

Question 25 :

The famous hill station 'Pachmarhi' in Madhya Pradesh is situated in which of the following mountain ranges?

Difficulty : Moderate

Average Time : 60 Seconds

Options :

1. Aravali mountain range
2. Satpura mountain range
3. PirPanjal mountain range
4. Shivalik mountain range

Solution :

The correct answer is **option 2** i.e. **Satpura mountain range**.

- Pachmarhi is a hill station in the Narmadapuram district of Madhya Pradesh state of central India.
- It is known as Satpura ki Rani ("Queen of Satpura"), situated in the valley of the Satpura Range in the Narmadapuram district.
- Pachmarhi's forests are home to numerous cave paintings, some of which are estimated to be 10,000 years old.



Question 26 :

Which of the following type of soils in India is locally known as 'Regur soil'?

Difficulty : Moderate

Average Time : 52 Seconds

Options :

1. Red soil
2. Forest soil
3. Black cotton soil
4. Alluvial soil

Solution :

The correct answer is **option 3** i.e. **Black cotton soil**.

- Black Cotton Soil is a cohesive soil. It is considered difficult or problematic soil for civil engineers. It possesses the characteristics of swelling during the rainy and shrinking during summer. In both situations, it poses difficulties.
- In the rainy season, Black cotton soil swells due to a higher percentage of clay. It swells during the rainy season and cracks in summer due to shrinkage.
- A large part of central India and a part of South India covering Madhya Pradesh, Maharashtra, Karnataka, Tamil Nadu, South Gujarat, and Uttar Pradesh is covered with Black Cotton Soils.
- Black Cotton soils are black in color and also recognized as regur soil. These are prepared up of lava discharges.

Properties:-

- It is suitable for the cultivation of cotton and is also known as black soil.
- This soil is formed of incredibly fine clayey material and is well-known for its moisture-holding capacity.
- They formulate deep cracks during the hot climate which enables the adequate aeration of the soil.

Question 27 :

On Mahatma Gandhi launched the Quit India Movement.

Difficulty : Moderate

Average Time : 81 Seconds

Options :

1. 8 August 1946
2. 8 August 1942
3. 8 August 1944



8 August 1932

Solution :

The correct answer is **Option 2** i.e. **8 August 1942**

- The Quit India Movement, also known as the Bharat Chhodo Andolan, was a movement launched by Mahatma Gandhi on 8 August 1942, during World War II, demanding an end to British rule in India.
- On this day, August 8th, 1942, Gandhi gave the famous "Do or Die" speech, urging the Indian people to act against British rule.
- The movement included a boycott of the British government and rejection of transactions involving the government.

Question 28 :

Where in India is the famous Dhamek Stupa located?

Difficulty : Moderate

Average Time : 51 Seconds

Options :

1. Sarnath, Uttar Pradesh
2. Ujjain, Madhya Pradesh
3. Bhagalpur, Bihar
4. Gangtok, Sikkim

Solution :

The correct answer is **option 1** i.e. **Sarnath, Uttar Pradesh.**

- Dhamek Stupa marks the precise location where the Buddha preached his first discourse to his first five disciples and where all five eventually became fully liberated.
- The Dhamek Stupa was built in 500 CE to replace an earlier structure commissioned by the great Mauryan king Ashoka in 249 BCE.
- The Stupa is 28 meters in diameter at the base and 43.6 meters in height, built partly of stone and partly of brick.

Question 29 :

Which of the following is the second largest ocean in the world?

Difficulty : Moderate

Average Time : 53 Seconds

Options :

1. Atlantic Ocean
2. Pacific Ocean



Indian Ocean

4. Antarctic Ocean

Solution :

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

- The Atlantic Ocean covers approximately 20% of Earth's surface and about 29% of its water surface area.
- The Atlantic Ocean is bounded on the west by North and South America.
- It connects to the Arctic Ocean through the Denmark Strait, Greenland Sea, Norwegian Sea, and Barents Sea.

Question 30 :

In December 2019, the famous Spanish top-division football League 'La Liga' for the first time in its history named a non-footballer as its brand ambassador. Identify the sports person from the given options.

Difficulty : Moderate

Average Time : 52 Seconds

Options :

1. MS Dhoni
2. Gita Phogat
3. Rohit Sharma
4. Mary Kom

Solution :

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

- La Liga, the first national football league in Spain was founded in 1929.
- It is one of the most celebrated football leagues in the world. Real Madrid, Barcelona & Atlético Madrid are a few teams among the total 20 that compete in the Spanish League.
- Rohit Sharma became the first non-footballer to become the brand ambassador of La Liga.

Question 31 :

In which city did the Khelo India Youth Games 2020 take place?

Difficulty : Moderate

Average Time : 49 Seconds

Options :

1. Delhi
2. Lucknow, Uttar Pradesh



Guwahati, Assam

4. Pune, Maharashtra

Solution :

The correct answer is **option 3** i.e. **Guwahati, Assam**.

- Khelo India Youth Games (KIYG), are the annual national level games in India held in January or February for two categories, namely under-17 years school students and under-21 college students.
- Every year best 1,000 kids will be given an annual scholarship of ₹15 lakh for 8 years to prepare them for the international sporting events.
- Maharashtra topped the medal tally with 78 Gold medals, 77 Silver medals, and 101 Bronze medals.

Question 32 :

The river 'Son' is a tributary of which of the following rivers?

Difficulty : Moderate

Average Time : 52 Seconds

Options :

1. Ganga
2. Yamuna
3. Narmada
4. Mahanadi

Solution :

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

- Son River originates from Amarkantak Hill in the Gaurela-Pendra-Marwahi district of Chhattisgarh and finally merged with the Ganga River near Patna in Bihar.
- It is the second largest tributary river of Ganga after the Yamuna.

Question 33 :

Who among the following was appointed as Controller General of Accounts of India in 2019?

Difficulty : Moderate

Average Time : 42 Seconds

Options :

1. PK Sinha

Soma Roy Burman

3. Pradip Mishra

4. Arundhati Basak

Solution :

The correct answer is **option 2** i.e. **Soma Roy Burman**.

- Smt. Soma Roy Burman, a 1986-batch Indian Civil Accounts Service (ICAS) Officer, took charge as the new Controller General of Accounts.
- Smt. Soma Roy Burman holds the degree of M.Phil in Mathematical Statistics from the University of Delhi.
- During her 33-year-long career, she has held cadre positions at different levels in ministries such as Home Affairs, Information & Broadcasting, Industry, Finance, Human Resource Development and Shipping, Road Transport & Highways.

Question 34 :

Gross Domestic Product (GDP) measured at market prices or current prices is called as:

Difficulty : Moderate

Average Time : 55 Seconds

Options :

1. Nominal GDP
2. Real GDP
3. Actual GDP
4. Practical GDP

Solution :

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

- Gross domestic product (GDP) is the standard measure of the value added created through the production of goods and services in a country during a certain period.

Gross Domestic Product has several types: nominal and real. Other types of GDP include per capita GDP, purchasing power parity GDP, and potential GDP, each used for different purposes.

Nominal GDP

- Nominal Gross Domestic Product measures a country's economic output calculated using current market prices for goods and services. It represents the total value of all final goods and services produced inside a country's borders

over a given period without adjusting for inflation.

Real GDP

- Real Gross Domestic Product measures a country's economic output that adjusts for inflation. It represents the total value of all final goods and services produced inside a country's borders over a given period, with the effects of inflation removed.
- Real GDP is often used as a more accurate measure of economic growth than nominal GDP because it accounts for changes in the price level. By adjusting for inflation, real GDP provides a more precise indication of changes in the number of goods and services produced in an economy.

Question 35 :

When was the Fiscal Responsibility and Budget Management Act (FRBM Act) approved by the Parliament?

Difficulty : Moderate

Average Time : 90 Seconds

Options :

1. 2007
2. 2003
3. 2004
4. 2006

Solution :

The correct answer is **option 2** i.e. **2003**.

- The Fiscal Responsibility and Budget Management Act, 2003 (FRBMA) is an Act of the Parliament of India to institutionalize financial discipline, reduce India's fiscal deficit, improve macroeconomic management and the overall management of the public funds by moving towards a balanced budget, and strengthen fiscal prudence.
- The Fiscal Responsibility and Budget Management Bill (FRBM Bill) was introduced in India by the then Finance Minister of India, Mr. Yashwant Sinha in December 2000.

Question 36 :

In which state of India is the 'Bihu festival' celebrated?

Difficulty : Moderate

Average Time : 50 Seconds

Options :

1. Arunachal Pradesh

Nagaland

3. Assam

4. Meghalaya

Solution :

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

- Bihu is an important cultural festival in the state of Assam.
- The origin of the term 'Bihu' came from the Sanskrit word that means 'Vishu'. It is the cheerful festival of Assam that is celebrated by the locals irrespective of caste, creed, and beliefs.
- In a year Assamese celebrate three different kinds of Bihu festivals that is Bahaag Bihu in the middle of April month, Maagh Bihu in the middle of January month, and Kaati Bihu in the middle of October month.

Question 37 :

Which acid is produced in the human stomach to help the digestion of food?

Difficulty : Moderate

Average Time : 57 Seconds

Options :

1. Sulphuric acid
2. Tartaric acid
3. Nitric acid
4. Hydrochloric acid

Solution :

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

- Hydrochloric acid is an aqueous solution of hydrogen chloride with the chemical formula HCl.
- Hydrochloric acid is known as the strongest acid.
- Hydrochloric acid secreted from gastric parietal cells generates the strongly acidic environment of the gastric lumen (pH 2) (305), which kills food-derived bacteria, facilitates food digestion, and promotes the absorption of minerals including phosphate, calcium, and iron.

Question 38 :

The Commission for Agriculture Cost and Prices (CACP), earlier named as Agriculture Prices Commission, was established in:



Difficulty : Moderate

Average Time : 51 Seconds

Options :

1. January 1965
2. January 1956
3. December 1965
4. December 1975

Solution :

The correct answer is **option 1** i.e. **January 1965**.

- The commission was established in 1965 to recommend Minimum Support Prices (MSPs), to motivate cultivators and farmers to adopt the latest technology in order to utilize the use of resources and increase productivity.

This commission recommends MSPs of 23 commodities:

- 7 cereals (paddy, wheat, maize, sorghum, pearl millet, barley and ragi),
- 5 pulses (gram, tur, moong, urad, lentil),
- 7 oilseeds (groundnut, rapeseed-mustard, soybean, sesamum, sunflower, safflower, niger seed)
- 4 commercial crops (copra, sugarcane, cotton, and raw jute).

Question 39 :

The term 'Yellow Revolution' is related to which of the following sectors in India?

Difficulty : Moderate

Average Time : 56 Seconds

Options :

1. Fisheries production
2. Oil seeds production
3. Fruit production
4. Rice production

Solution :

The correct answer is **option 2** i.e. **Oil seeds production**.

- The Yellow Revolution was launched in 1986 - 87 to increase the Edible oil production in India, especially the mustard seeds and sesame seeds.



Satyanarayan Gangaram Pitroda was the founder of the Yellow Revolution.

Question 40 :

'Wood's Dispatch' sent by the British Government in India in 1854 was related to which sector?

Difficulty : Moderate

Average Time : 44 Seconds

Options :

1. Political matters of India
2. Indian education
3. Development of railways in India
4. Industrial growth in India

Solution :

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

- **Sir Charles Wood** sent a formal dispatch to **Lord Dalhousie** suggesting a large shift to English language use within India in **1854**.
- According to Wood's dispatch primary schools adopt vernacular languages, high schools adopt Anglo-vernacular language, and English is the medium of education in colleges.
- It played an important role in the spread of English learning and female education in India.

Question 41 :

Which of the following periods is considered as a period of steady population growth in India?

Difficulty : Moderate

Average Time : 55 Seconds

Options :

1. 1981-2001
2. 1921-1951
3. 1951-1981
4. 1991-2011

Solution :

The correct answer is **option 2** i.e. **1921-1951**.

- The period from 1901-1921 is referred to as a period of stagnant or stationary phase of growth of India's population, since in this period growth rate was very low, even recording a negative growth rate from 1911-1921.



The decades 1921-1951 are referred to as the period of steady population growth.

- An overall improvement in health and sanitation throughout the country brought down the mortality rate.
- At the same time, better transport and communication systems improved the distribution system.

Question 42 :

The famous 'Hornbill festival' is celebrated in which state of India?

Difficulty : Moderate

Average Time : 55 Seconds

Options :

1. Nagaland
2. Himachal Pradesh
3. Sikkim
4. Kerala

Solution :

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

- The Hornbill Festival is the annual festival of the people of Nagaland.
- To encourage and promote the cultural heritage of Nagaland, the Government of Nagaland organizes the Hornbill Festival every year in the first week of December.
- The first festival was held in December 2000.

Question 43 :

The 'Polly Umrigar Award' is conferred in which sports category?

Difficulty : Moderate

Average Time : 45 Seconds

Options :

1. Football
2. Hockey
3. Badminton
4. Cricket
5. Table Tennis

Solution :

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

The Polly Umrigar Award for International Cricketer of the Year is one of the BCCI Awards, awarded to Indian cricketers for the best performance in international cricket.

- This award was founded in 2007 and Sachin Tendulkar was the first recipient.
- Virat Kohli won this award for the 5 times which is the highest.

Question 44 :

Who is the recipient of the 28th Saraswati Samman for 2018?

Difficulty : Moderate

Average Time : 48 Seconds

Options :

1. K Dinkar Rao
2. K Siva Reddy
3. Bhalchandra Nemade
4. Nasir Sharma

Solution :

The correct answer is **option 2** i.e. **K Siva Reddy**.

- Saraswati Samman is a literacy award given by the Birla Foundation.
- The first Saraswati Samman was given to Dr. Harivansh Rai Bachchan for his four-volume autobiography.
- K. Siva Reddy was the recipient of the Saraswati Samman Award in 2018 for his poetry 'Pakki Ottigilite'

Question 45 :

Recently in March 2020 two public sector banks namely, the Oriental Bank of Commerce, and the United Bank of India were merged into another public sector bank. What is the name of that bank?

Difficulty : Moderate

Average Time : 52 Seconds

Options :

1. Punjab National Bank
2. Bank of Baroda
3. Union Bank of India
4. State Bank of India

Solution :

The correct answer is **option 1** i.e. **Punjab National Bank**.



Punjab National Bank is an Indian public sector bank located in New Delhi.

- Punjab National Bank was founded in 1893.
- It is the second-largest Indian public sector bank of India in terms of networks.

Question 46 :

Which of the following is a name of the bone in human leg?

Difficulty : Moderate

Average Time : 45 Seconds

Options :

1. Incus
2. Stapes
3. Patella
4. Malleus

Solution :

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

- Patella bone is also known as the kneecap which articulates with the thigh bone to protect the surface of the knee joint.
- It is triangular in shape.
- Patella bone is found in many tetrapods, such as rats, cats, birds, and dogs, but not in whales, or most reptiles.

Question 47 :

In which article of the Indian Constitution is the procedure for the impeachment of the President given?

Difficulty : Moderate

Average Time : 47 Seconds

Options :

1. Article 61
2. Article 69
3. Article 52
4. Article 56

Solution :

The correct answer is **option 1** i.e. **Article 61**.

Procedure for impeachment of the President



When a President is to be impeached for violation of the Constitution, the charge shall be preferred by either House of Parliament.

No such charge shall be preferred unless—

- The proposal to prefer such a charge is contained in a resolution that has been moved after at least fourteen days' notice in writing signed by not less than one-fourth of the total number of members of the House has been given of their intention to move the resolution, and
- Such a resolution has been passed by a majority of not less than two-thirds of the total membership of the House.
- When a charge has been so preferred by either House of Parliament, the other House shall investigate the charge or cause the charge to be investigated and the President shall have the right to appear and to be represented at such investigation.
- If as a result of the investigation, a resolution is passed by a majority of not less than two-thirds of the total membership of the House by which the charge was investigated or caused to be investigated, declaring that the charge preferred against the President has been sustained, such resolution shall have the effect of removing the President from his office as from the date on which the resolution is so passed.

Question 48 :

To which part of ancient and medieval India is the 'Sangam Literature' related?

Difficulty : Moderate

Average Time : 94 Seconds

Options :

1. North India
2. East India
3. North-East India
4. South India

Solution :

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

- The Sangam literature is historically known as the poetry of the noble people.
- It is Tamil literature and earlier known as the literature of South India.
- Sangam literature embeds evidence of loan words from Sanskrit, suggesting ongoing linguistic and literary collaboration between ancient Tamil Nadu and other parts of the Indian subcontinent.

Question 49 :

In which of the following states did the famous 'Moplah revolt' take place during the freedom struggle?



Difficulty : Moderate

Average Time : 50 Seconds

Options :

1. Uttar Pradesh
2. Orissa
3. Bihar
4. Kerala

Solution :

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

- The Moplah rebellion started as a resistance against the British colonial rule in the Malabar region of Kerala.
- The rebellion was primarily a peasant revolt against the colonial government. During the uprising, the rebels attacked various symbols and institutions of the colonial state, such as telegraph lines, train stations, courts, and post offices.

Question 50 :

Which of the following was a famous port town during the Indus Valley Civilization era?

Difficulty : Moderate

Average Time : 47 Seconds

Options :

1. Lothal
2. Mohenjodaro
3. Harappa
4. Dholavira

Solution :

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

- Lothal is situated in the state of Gujarat.
- Lothal was discovered by the Archaeological Survey of India in 1954.
- Lothal had the world's earliest known dock, which connected the city to the Sabarmati River on the trade route. This trade route stretched between Harappan cities in Sindh (Pakistan) and the peninsula of Saurashtra.

Question 51 :

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

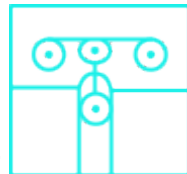
Difficulty : Moderate

Average Time : 47 Seconds

Options :

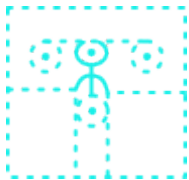
- 1.
- 2.
- 3.
- 4.

Solution :



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

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



Question 52 :

Select the box that is similar to the box formed from the given sheet of paper when it is folded.

Difficulty : Moderate

Average Time : 62 Seconds

Options :

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

Solution :

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

When the sheet is folded along the lines to form a cube, the opposite pairs are;

+ is opposite to x.

- is opposite to /.

Blank face is opposite to ?.

In option 1, 2, and 4, the opposite pairs are adjacent to each other. Hence, none can be formed.

In option 2, there are no opposite pairs that are adjacent to each other. Hence, this cube can be formed.

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

Question 53 :

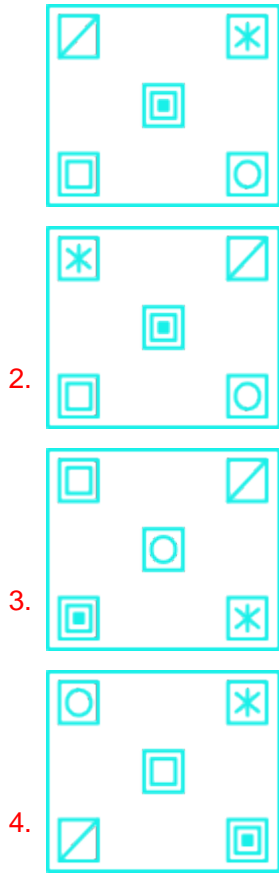
Which figure will replace the question mark (?) in the following figure series?

Difficulty : Moderate

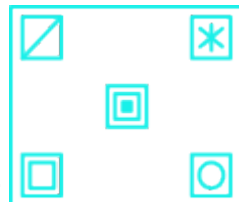
Average Time : 76 Seconds

Options :

- 1.



Solution :

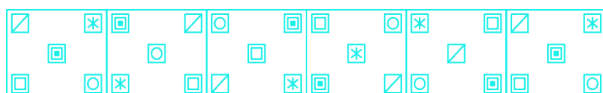


The correct answer is **option 1** i.e.

The logic used here is:

1. The figures on the left side of the square will move to the right side of the square in the next figure.
2. The centre figure will be moved to the top left position, and the bottom right figure will be moved to the centre.
3. The top right figure is moving to the bottom left corner.

The image series:



Question 54 :

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

Difficulty : Moderate

Average Time : 77 Seconds

Options :

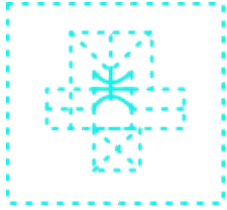
- 1.
- 2.
- 3.
- 4.

Solution :



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

The given figure is embedded in option 2, as shown below:



Question 55 :

Select the Venn diagram that best illustrates the relationship between the following classes. Deer, Herbivorous, Cheetah

Difficulty : Moderate

Average Time : 61 Seconds

Options :

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

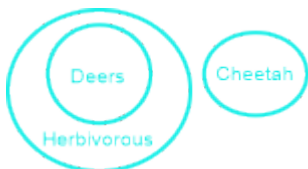


Solution :



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

The possible Venn diagram is:



All deers are herbivorous. Cheetah is a different class.

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

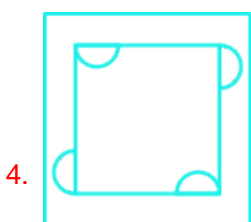
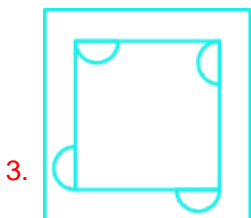
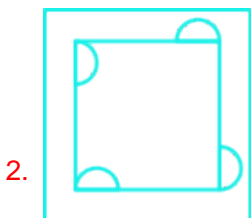
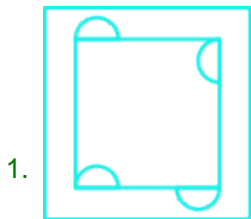
Question 56 :

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

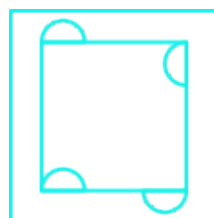
Difficulty : Moderate

Average Time : 67 Seconds

Options :



Solution :



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

Question 57 :

Which number will replace the question mark (?) in the following series? 3, 15, 30, 46, 75, 115, 186, 286, ?

Difficulty : Moderate

Average Time : 51 Seconds

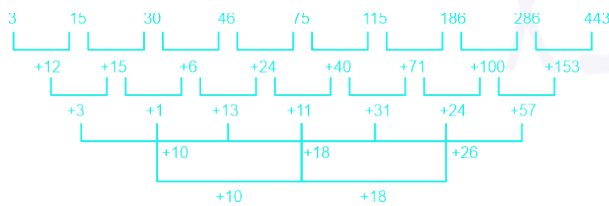
Options :

1. 432
2. 423
3. 443
4. 434

Solution :The correct answer is **option 3** i.e. **443**.

Given series: 3, 15, 30, 46, 75, 115, 186, 286, ?

The series follows this pattern:

So, the next term in the series is **443**.**Question 58 :**Select the option that is related to the third number in the same way as the second number is related to the first number.
42: 92:: 72: ?

Difficulty : Moderate

Average Time : 44 Seconds

Options :

1. 152
2. 215
3. 125
4. 251

Solution :



The correct answer is **option 1** i.e. **152**.

The logic used here is:

$$42: 92$$

$$42 \times 2 + 8 = 84 + 8 = 92$$

Similarly;

$$72: ?$$

$$72 \times 2 + 8 = 144 + 8 = 152$$

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

Question 59 :

Which number will replace the question mark (?) in the following series? 7, 11, 20, 35, 70, 133, 268, ?

Difficulty : Moderate

Average Time : 39 Seconds

Options :

1. 527

2. 572

3. 752

4. 725

Solution :

The correct answer is **option 1** i.e. **527**.

Given series: 7, 11, 20, 35, 70, 133, 268, ?

The series follows this pattern:

$$7 + 4 = 11$$

$$11 + (4 \times 2 + 1) = 11 + 9 = 20$$

$$20 + (9 \times 2 - 3) = 20 + 15 = 35$$

$$35 + (15 \times 2 + 5) = 35 + 35 = 70$$

$$70 + (35 \times 2 - 7) = 70 + 63 = 133$$

$$133 + (63 \times 2 + 9) = 133 + 135 = 268$$

$$268 + (135 \times 2 - 11) = 268 + 259 = 527$$

So, the next term in the series is **527**.

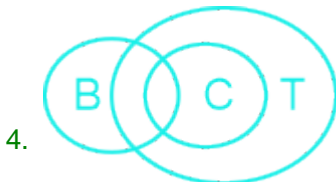
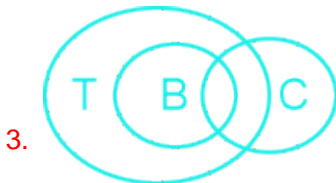
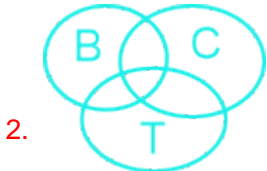
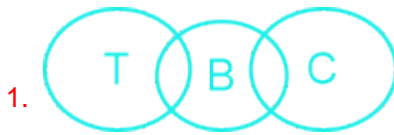
Question 60 :

Read the below statements disregarding commonly known facts, and then from the given four options, identify the Venn diagram that correctly represents the statements. Statements: 1) Some Boats are Cars. 2) All Cars are Toys.

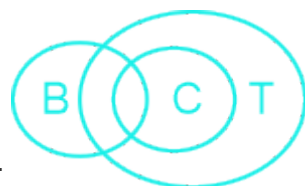
Difficulty : Moderate

Average Time : 50 Seconds

Options :

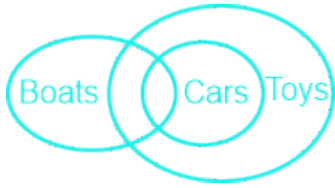


Solution :



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

The possible Venn diagram is:



Some Boats are Cars and all Cars are Toys.

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

Question 61 :

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

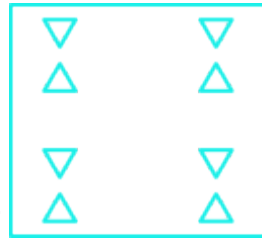
Difficulty : Moderate

Average Time : 66 Seconds

Options :

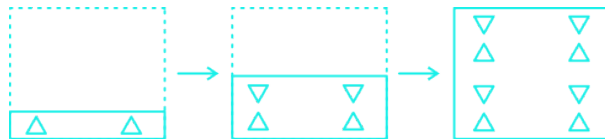
- 1.
- 2.
- 3.
- 4.

Solution :



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

After unfolding, the paper will appear as follows:



Question 62 :

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

Difficulty : Moderate

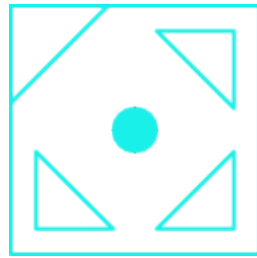
Average Time : 61 Seconds

Options :

- 1.
- 2.
- 3.



Solution :



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

The figure that will complete the pattern:



Question 63 :

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



Difficulty : Moderate

Average Time : 61 Seconds

Options :



2.

3. 
4. 



Solution :



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

The logic used here is:

The two patterns that are present in the figure take two sides of the pentagon or hexagon.

But in option 1, it takes only one side.

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

Question 64 :

Select the set in which the numbers are related in the same way as the numbers of the following set. (26, 8, 36)

Difficulty : Moderate

Average Time : 67 Seconds

Options :

(33, 6, 54)

2. (22, 15, 41)

3. (24, 2, 66)

4. (19, 2, 25)

Solution :

The correct answer is **option 1** i.e. **(33, 6, 54)**.

The logic used here is:

(26, 8, 36)

$2 + 6 = 8$

$3 + 6 = 9$

Similarly;

(33, 6, 54)

$3 + 3 = 6$

$5 + 4 = 9$

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

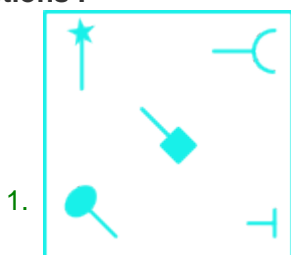
Question 65 :

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

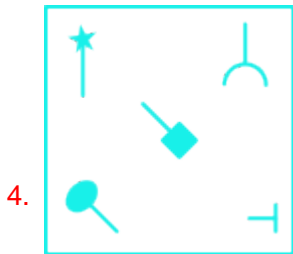
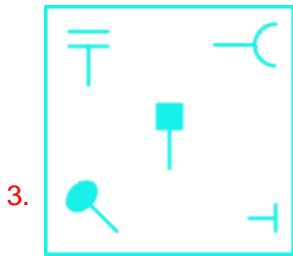
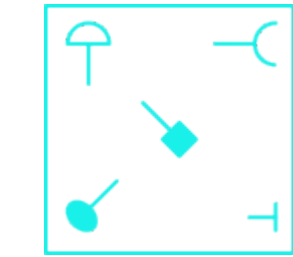
Difficulty : Moderate

Average Time : 41 Seconds

Options :



2.

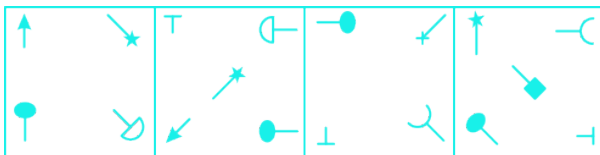


Solution :



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

The logic used here is:



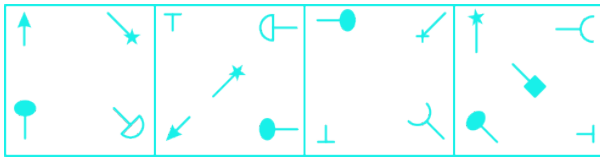
Logic between A and B:

1. The figure at the top left corner is rotated by 135 degrees in the anticlockwise direction to the bottom left corner.
2. The figure at the bottom left corner is rotated by 90 degrees in the anticlockwise direction to the bottom right corner.

3. The figure at the bottom left corner is rotated by 135 degrees in the anticlockwise direction to the top right corner.
4. The figure at the top right corner is rotated by 90 degrees in the anticlockwise direction to the centre of the square.
5. The top left corner is filled with a new figure.

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

The pattern is:



Question 66 :

Three different positions of the same dice are shown. Select the number on the face opposite the face showing '3'.

Difficulty : Moderate

Average Time : 100 Seconds

Options :

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

Solution :

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

In the first and second cubes, 2 and 4 are common. So, the remaining face will be opposite to each other.

So, 3 is opposite to 6.

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

Question 67 :

If SYNTAX is coded as 8213713 and MOULD is coded as 14461523, then how will DESIGN be coded?

Difficulty : Moderate

Average Time : 40 Seconds

Options :

1. 232832013



235892013

3. 45892013

4. 42832014

Solution :

The correct answer is **option 1** i.e. **232832013**.

The logic used here is:

Vowels : A = 1, E = 2, I = 3, O = 4, U = 5

SYNTAX is coded as 8213713

Opposite of S = H = 8

Opposite of Y = B = 2

Opposite of N = M = 13

Opposite of T = G = 7

A = 1

Opposite of X = C = 3

MOULD is coded as 14461523

Opposite of M = N = 14

O = 4

U = 5

Opposite of L = O = 15

Opposite of D = W = 23

Similarly;

Code for the word DESIGN:

Opposite of D = W = 23

E = 2

Opposite of S = H = 8

I = 3



Opposite of G = T = 20

Opposite of N = M = 13

DESIGN = 232832013

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

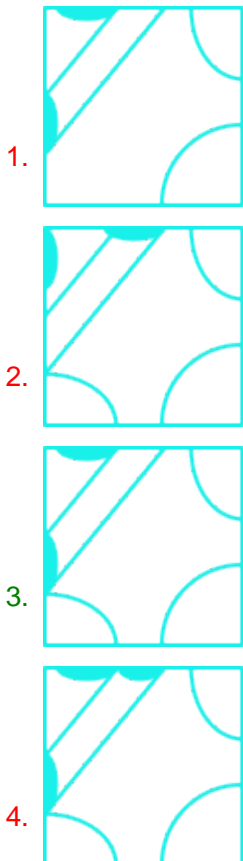
Question 68 :

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

Difficulty : Moderate

Average Time : 74 Seconds

Options :



Solution :

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



The figure that will complete the pattern:



Question 69 :

Select the correct mirror image of the given combination when the mirror is placed to the right side of it.

Difficulty : Moderate

Average Time : 61 Seconds

Options :

1. CHAVBCVLEB
2. CHAVBVCLEB
3. RETCARAHOC
4. RETACATER

Solution :

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

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 70 :

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

Difficulty : Moderate

Average Time : 71 Seconds

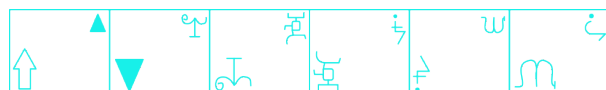
Options :



Solution :



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



Question 71 :

Which two signs should be interchanged to make the given equation correct? $784 - 4 + 18 \times 16 \div 84 = 400$

Difficulty : Moderate

Average Time : 59 Seconds

Options :

1. \times and \div

- and +

3. - and ÷

4. × and +

Solution :

The correct answer is **option 3** i.e. - and ÷.

Given equation: $784 - 4 + 18 \times 16 \div 84 = 400$

Option 1: × and ÷

After interchanging the expression becomes:

$$= 784 - 4 + 18 \div 16 \times 84 = 400$$

= 874.5 is not equal to 400.

Option 2: - and +

After interchanging the expression becomes:

$$= 784 + 4 - 18 \times 16 \div 84 = 400$$

= 784.57 not equal to 400.

Option 3: - and ÷

After interchanging the expression becomes:

$$= 784 \div 4 + 18 \times 16 - 84 = 400$$

$$= 196 + 18 \times 16 - 84$$

$$= 196 + 288 - 84$$

= 400 is equal to 400.

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

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

Question 72 :

A tourist mini bus travelled from Nagpur to Shirdi without stopping. It covered the first 50 miles of the journey at an average speed of 25 mph. What was the bus's average speed (in mph) for the remaining 130 miles, if its overall average speed was 45 mph?

Difficulty : Moderate

Average Time : 76 Seconds

Options :

1. 65
2. 28
3. 50
4. 40

Solution :

The correct answer is **option 1** i.e. **65**.

The average speed of the bus for 50 miles = 25mph

As Average speed = Total distance ÷ Total time

The total Time taken by the bus to travel 50 miles = Total distance ÷ Average speed = $50 \div 25 = 2$ hours

Let the total time taken by the bus to cover 130 miles = x hours

The overall average speed of the bus = 45 mph

Total distance = $130 + 50 = 180$

According to the question;

$$45 = 180 \div (2 + x)$$

$$90 + 45x = 180$$

$$45x = 90$$

$$x = 2\text{hours}$$

The average speed of the bus to travel 130miles = Total distance ÷ Total time = $130 \div 2 = 65\text{mph}$

Question 73 :

'Cataract' is related to the eye. Similarly, Eczema is related to _____.

Difficulty : Moderate

Average Time : 59 Seconds

Options :

1. Legs
2. Tongue



Skin

4. Ears

Solution :

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

The logic used here is:

'Cataract' is related to the eye.

Cataracts are related to the eye.

A cataract is a layer that has grown over a person's eye that prevents them from seeing properly.

Similarly;

Eczema is related to _____

Eczema is related to skin.

Eczema is a condition that causes your skin to become dry, itchy, and bumpy.

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

Question 74 :

Three of the four words given below are alike in a certain way and one is different. Choose a different option.

Difficulty : Moderate

Average Time : 56 Seconds

Options :

1. Spinach
2. Onion
3. Radish
4. Turnip

Solution :

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

The logic used here is:

Turnip, Radish, and Onion are root vegetables, whereas Spinach is not a root vegetable.

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

**Question 75 :**

Which of the following is the main theme of the Economic Survey 2019-2020?

Difficulty : Moderate

Average Time : 40 Seconds

Options :

1. Financial inclusion
2. Job creation
3. Green economy
4. Wealth creation

Solution :

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

- With the vision of 'Sabka Saath, Sabka Vikas', Prime Minister Shri Narendra Modi in his Independence Day 2019 speech highlighted that only when wealth is created will wealth be distributed.
- The Survey revolves around the theme of enabling markets, promoting 'pro-business' policies, and strengthening 'trust' in the economy.
- Elaborating on India's historical dominance in the global economy, the Survey lays stress on the importance of bringing an openness in the market that leads to wealth creation, in turn, boosting economic activity through increased investment.

Question 76 :

The price of an item decreases by 10% every year. If the difference between its prices at the end of the 4th year and 5th year is Rs. 52.65, then 90% of its price at the end of the 2nd year is:

Difficulty : Moderate

Average Time : 63 Seconds

Options :

1. Rs. 585
2. Rs. 540
3. Rs. 612
4. Rs. 630

Solution :

The correct answer is **option 1** i.e. **Rs. 585**

The price is decrease every year by 10 %



$$2^{\text{nd}} \text{ year} = (9/10) \times 1^{\text{st}} \text{ year}$$

$$3^{\text{rd}} \text{ year} = (9/10)^2 \times 1^{\text{st}} \text{ year}$$

$$4^{\text{th}} \text{ year} = (9/10)^3 \times 1^{\text{st}} \text{ year}$$

$$5^{\text{th}} \text{ year} = (9/10)^4 \times 1^{\text{st}} \text{ year}$$

According to question

$$\text{Diff. of 5th year and 4th year} = 52.65$$

$$[(9/10)^4 - (9/10)^3] \times 1^{\text{st}} \text{ year} = 52.65$$

$$1^{\text{st}} \text{ year} = 722.22$$

$$\text{Now } 2^{\text{nd}} \text{ year} = (9/10) \times 722.22 \times 90\%$$

$$= 585$$

Question 77 :

A is 48% more than B, and C is 30% less than the sum of A and B. By what percentage is C more than A (correct to one decimal place)?

Difficulty : Moderate

Average Time : 59 Seconds

Options :

1. 16.9
2. 17.3
3. 14.7
4. 15.2

Solution :

The correct answer is **option 2** i.e. **17.3**

Let B = 100

According to the question

$$A = 148$$

$$C = 70\% \times (A + B) = 0.7 \times 248 = 173.6$$



Then C is 25.6 than A

$$C = (25.6/148) \times 100 = 17.3 \%$$

Question 78 :

By selling 32 articles, a shopkeeper gains the selling price of 12 articles. His gain percentage is:

Difficulty : Moderate

Average Time : 39 Seconds

Options :

1. 31(1/4)%
2. 50(1/2)%
3. 60%
4. 64%

Solution :

The correct answer is **option 3** i.e. **60%**

According to the question

$$\text{Gain by selling 32 article} = 12 \text{ S.P}$$

$$32 \text{ S.P} - 32 \text{ C.P} = 12 \text{ S.P}$$

$$20 \text{ S.P} = 32 \text{ C.P}$$

$$\text{S.P/C.P} = 32/20$$

$$\text{Gain \%} = \{(32 - 20) / 20\} \times 100 = 60 \%$$

Question 79 :

Let x be the greatest 4-digit number which when divided by 4, 5, 6, 7 and 9, the remainder in each case is 1. What is the sum of the digits of x?

Difficulty : Moderate

Average Time : 44 Seconds

Options :

1. 19
2. 18
3. 21



16

Solution :

The correct answer is **option 1** i.e. **19**

First of all we take LCM (4, 5, 6, 7, 9) = 1260

Greatest 4 digit no. = $1260 \times 7 = 8820$

Remainder in each case = 1

Now, Greatest no. = 8821

Sum of digit of no. = $8 + 8 + 2 + 1 = 19$

Question 80 :

A cylindrical bucket of radius 96 cm and height 54 cm is filled with sand. The bucket is emptied on the ground and a conical heap of base radius x cm is formed. If the height of the heap is 72 cm, then what is the value of x ?

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

1. 108
2. 196
3. 144
4. 120

Solution :

The correct answer is **option 3** i.e. **144**

According to the question

Volume of cylindrical bucket = Volume of conical heap

$$\left(\frac{22}{7}\right) \times 96^2 \times 54 = \left(\frac{1}{3}\right) \times \left(\frac{22}{7}\right) \times X^2 \times 72$$

$$X = 96 \times \frac{3}{2} = 144$$

Question 81 :

A person rows 30 km upstream and the same distance downstream. The total time taken by him for this whole journey is $3\frac{1}{5}$ hours. If the speed of the stream is 5 km/h, then in how many hours does the person row a distance of 144 km upstream?

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

1. 9.6
2. 8.4
3. 10
4. 9

Solution :

The correct answer is **option 1** i.e. **9.6**

Let speed of a boat in still water = x

Given the speed of stream is 5 km/h

The speed of Upstream = $(x - 5)$ km/h

The speed of Downstream = $(x + 5)$ km/h

According to the question

$$\frac{30}{x-5} + \frac{30}{x+5} = \frac{16}{5}$$

$$x = 20 \text{ km/h}$$

$$\text{Time in 144 km row in upstream} = \frac{144}{20-5}$$

$$= 9.6 \text{ hrs}$$

Question 82 :

If a sum of Rs. 4,648 is divided into three parts such that 4 times the first part is equal to 5 times the second part and 7 times the third part, then the difference between the second and third part is:

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

1. Rs. 336
2. Rs. 448
3. Rs. 840
4. Rs. 504

**Solution :**

The correct answer is **option 2** i.e. **Rs. 448**

According to the question

$4 \times \text{first part} = 5 \times \text{second part} = 7 \times \text{third part}$

First : second : third = 35 : 28 : 20

Given that

$(35 + 28 + 20) \text{ unit} = 4648$

$81 \text{ unit} = 4648$

$1 \text{ unit} = 4648/81$

Diff. Second and third = $28 - 20 = 8 \text{ unit}$

$= 8 \times 4648 / 81 = 448$

Question 83 :

The average of ten numbers is 72.8. The average of the first six numbers is 88.5 and the average of the last five numbers is 64.4. If the 6th number is excluded, then what is the average of the remaining numbers?

Difficulty : Moderate

Average Time : 51 Seconds

Options :

1. 65.8
2. 66.5
3. 67
4. 66

Solution :

The correct answer is **option 3** i.e. **67**

Avg of 10 numbers = 72.8

Sum of 10 numbers = $72.8 \times 10 = 728$

Avg of first 6 numbers = 88.5

Sum of first 6 numbers = $88.5 \times 6 = 531$

Avg of last 5 numbers = 64.4



Sum of last 5 numbers = $64.4 \times 5 = 322$

6th number = $531 + 322 - 728 = 125$

After excluding 6th number the Avg of remaining 9 numbers = $(728 - 125) / 9 = 67$

Question 84 :

Pipe A is a filling pipe, while B and C are emptying pipes. Pipe A alone can fill a tank in 10 hours and pipe C alone can empty the full tank in 24 hours. If all three pipes are opened together, the tank is completely filled in 40 hours. In how many hours can pipe B alone empty two-third part of the tank?

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

1. 24
2. 20
3. 18
4. 30

Solution :

The correct answer is **option 2** i.e. **20**

Pipe A fill a tank in = 10 hrs

Pipe C empty the full tank in = 24 hrs

Pipe A + Pipe B + Pipe C together fill the tank in = 40 hrs

Total work = LCM (10, 24, 40)

= 120 hrs

Efficiency of Pipe A to fill tank = $120/10 = 12$

Eff. of Pipe C to empty full tank = $120/24 = 5$

Eff. Of Pipe A+ Pipe B + Pipe C = $120/40 = 3$

Then Eff. Of Pipe B to empty full tank = $3 - 12 + 5 = 4$

Pipe B alone (2/3) of total work in

= $(2/3) \times 120/4$

= 20 hrs

**Question 85 :**

A sum amounts to Rs.37,044 in 3 years at 5% p.a., interest being compounded yearly. If the same sum amounts to Rs.x in 2 years at 15% p.a. when the interest is compounded 8-monthly, then the value of x (in Rs.) is:

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

1. 40,147
2. 39.930
3. 41,261
4. 42,592

Solution :

The correct answer is **option 4** i.e. **42,592**

Formula used

$$\text{Amount} = P \times (1 + (r \div 100))^t$$

where , **P = Principal**

r = rate of interest annually

t = time

Calculation

$$37044 = P \times (1 + (5/100))^3$$

$$P = 37044 \times (20/21)^3$$

$$P = 37044 \times 8000/9261$$

$$P = 32000 \text{ Rs}$$

Now rate of interest 15% 8-monthly compounded

$$r = 15 \times 8 / 12 = 10 \% \text{ annually}$$

$$\text{Time} = 2 \times 12 / 8 = 3 \text{ years}$$

$$\text{Amount} = 32000 \times (11/10)^3$$

$$= 32 \times 1331 = 42592 \text{ Rs}$$

Question 86 :



In a division sum, the divisor is 14 times the quotient and 7 times the remainder. If the remainder is 34, then the dividend is:

Difficulty : Moderate

Average Time : 57 Seconds

Options :

1. 4063
2. 4080
3. 4097
4. 4114

Solution :

The correct answer is **option 2** i.e. **4080**

Formula used

Dividend = Divisor × Quotient + Remainder

Calculation

Given that

Divisor = 14 × Quotient = 7 × Remainder

14 × Quotient = 7 × 34

Quotient = 17

Divisor = 7 × 34 = 238

Dividend = 238 × 17 + 34 = 4080

Question 87 :

The value of $[(2/3) \div 1(3/5) \text{ of } (5/9) - (5/9)] + (3/4) - (5/11)(0.7222... \div 0.656565...)$ is

Difficulty : Moderate

Average Time : 43 Seconds

Options :

1. 5/4
2. 25/36
3. 4/9
4. 17/18

**Solution :**

The correct answer is **option 3** i.e. **(4/9)**

$$[(2/3) \div 1(3/5) \text{ of } (5/9) - (5/9)] + (3/4) - (5/11)(0.7222... \div 0.656565...)$$

$$[(2/3) \div (8/5) \text{ of } (5/9) - (5/9)] + (3/4) - (5/11)((65/90) \div (65/99))$$

$$[(2/3) * (9/8) - (5/9)] + (3/4) - (5/11)(11/10)$$

$$[(3/4) - (5/9)] + (3/4) - (1/2)$$

$$(7/36) + (1/4)$$

$$4/9$$

Question 88 :

The area of a circular garden is equal to 11/15 of the area of a triangular field whose sides are 80 m, 84 m and 116 m. What is the perimeter (in m) of the garden? (Take $\pi = 22/7$)

Difficulty : Moderate**Average Time : 46 Seconds****Options :****1. 154****2. 176****3. 220****4. 132****Solution :**

The correct answer is **option 2** i.e. **176**

According to question

$$\text{Area of circular garden} = (11/15) * \text{Area of a triangular field}$$

As we know the given triangle is right angled triangle because given side 80, 84, 116 are in pythagorus tripilate.

$$\pi r^2 = (11/15) * \frac{1}{2} * 80 * 84$$

$$(22/7) * r^2 = (11/15) * 40 * 84$$

$$r^2 = 16 * 49$$

$$r = 28 \text{ m}$$

$$\text{Perimeter of circular garden} = 2 * \pi * r = 2 * (22/7) * 28 = 176 \text{ m}$$

Question 89 :

A certain sum amounts to ₹113,860 after 5 years and to ₹116,776 after 8 years at the same rate per cent per annum at simple interest. What will be simple interest (in ₹) on a sum of ₹10,000 for $4\frac{2}{5}$ years at the same rate?

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

1. 4,650
2. 4,684
3. 4,774
4. 4,752

Solution :

The correct answer is **option 4** i.e. **4,752**

Formula used

Amount = P + Simple Interest

Simple Interest = $P * r * t / 100$

Calculation-

$$16,776 = P + P * r\% * 8 \dots\dots\dots(1)$$

$$13,860 = P + P * r\% * 5 \dots\dots\dots(2)$$

$$P * r\% * 3 = 2916$$

$$pr\% = 972$$

Put this value of $p*r\%$ in equation 2

$$P = 13860 - 972 * 5$$

$$P = 9000$$

$$pr\% = 972$$

$$r\% = 972/9000$$

$$\text{NOW, S.I} = (10000 * 972 * 22) / (9000 * 5)$$

$$= ₹ 4752$$

Question 90 :

Renu marks an article at Rs. 36.50 above the cost price. She incurs a loss of 20% when she sells the article after allowing 36% discount on its marked price. What is the cost price of the article?

Difficulty : Moderate

Average Time : 57 Seconds

Options :

1. Rs. 148
2. Rs. 146
3. Rs. 154
4. Rs. 160

Solution :

The correct answer is **option 2** i.e. **Rs. 146**

As per the question

$$\text{Loss} = 20\% = 1/5$$

$$\text{C.P} : \text{S.P} = 4 : 5 \dots\dots\dots 1$$

$$\text{Discount} = 36\% = 36/100 = 9/25$$

$$\text{S.P} : \text{M.P} = 16 : 25 \dots\dots\dots 2$$

After balancing the ratio of equation 1 and 2

$$\text{C.P} : \text{S.P} : \text{M.P} = 20 : 16 : 25$$

Given that

$$\text{M.P} - \text{C.P} = 36.50 \text{ Rs}$$

$$(\text{M.P} - \text{C.P}) 5 \text{ unit} = 36.50 \text{ Rs}$$

$$(*\text{C.P}) 20 \text{ unit} = 20 * 36.50/5$$

$$\text{C.P} = 146 \text{ Rs}$$

Question 91 :

Which of the following is used to change the text colour in an MS Word document?

Difficulty : Moderate

Average Time : 52 Seconds

Options :



Text highlight color

2. Font color

3. Shading

4. Styles

Solution :

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

- In Microsoft Word, you use the "**Font color**" option to change the color of the text in a document.
- "**Text highlight color**" is used to change the background color behind the selected text, not the color of the text itself.
- "**Shading**" is used to apply background shading to selected text or paragraphs.
- "**Styles**" are sets of formatting options that include font color but encompass other formatting attributes as well. However, the "Font color" option provides more direct control over text color.

Thus, the correct answer is **Font color**.

Question 92 :

Which of the following option can be used to change the column width of a table in MS Word?

Difficulty : Moderate

Average Time : 67 Seconds

Options :

1. Alignment
2. Title bar
3. Scroll bar
4. Ruler

Solution :

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

- In Microsoft Word, you can use the **ruler** to change the column width of a table.
- The ruler displays markers and tabs that allow you to adjust the layout and formatting of your document, including tables.
- To change the column width of a table, you can click and drag the marker on the ruler that corresponds to the right edge of the column you want to resize.
- This action will increase or decrease the column width as desired. The other options, "Alignment," "Title bar," and "Scroll bar," are not used for changing the column width of a table in MS Word.



Thus, the correct answer is **Ruler**.

Question 93 :

In an MS Excel sheet, a cell address is composed of the _____.

Difficulty : Moderate

Average Time : 66 Seconds

Options :

1. cell's row
2. worksheet number
3. cell's column
4. cell's column and row

Solution :

The correct answer is **option 4** i.e. **cell's column and row**

- In Microsoft Excel, a cell address is composed of the combination of the **cell's column letter and the cell's row number**.
- For example, "A1" refers to the cell in the first column and first row of the worksheet, "B2" refers to the cell in the second column and second row, and so on.
- This combination of column and row designations uniquely identifies **a specific cell within an Excel worksheet, making it a fundamental part of Excel's addressing system**.

Thus, the correct answer is **cell's column and row**.

Question 94 :

Which of the following icon is used to add an attachment to an email?

Difficulty : Moderate

Average Time : 65 Seconds

Options :

1. Stationery icon
2. Paper clip icon
3. GIF icon
4. Emoji icon

Solution :

The correct answer is **option 2** i.e. **Paper clip icon**



- The **paper clip icon** is universally recognized as a symbol for attaching files or documents to an email.
- When you click on this icon or select it, you can browse your device's files and attach the desired document, image, or file to your email message.
 - It's a common and standard feature in email applications and interfaces, making it easy for users to include attachments in their emails.
 - The other options, such as the Stationery icon, GIF icon, and Emoji icon, are not typically associated with attaching files to emails.

Thus, the correct answer is **Paper clip icon**.

Question 95 :

Which of the following is the slowest type of internet service?

Difficulty : Moderate

Average Time : 64 Seconds

Options :

1. Dial-up
2. 3G and 4G
3. Satellite
4. Digital Subscriber Line

Solution :

The correct answer is **option 1** i.e. **Dial-up**

- **Dial-up** internet service is the slowest among the options provided. It operates over traditional telephone lines and uses a modem to connect to the internet.
- Dial-up connections are limited in terms of data transfer speed and are significantly slower compared to other types of internet services such as DSL (digital subscriber line), satellite, and **3G/4G** mobile broadband.
- DSL offers faster speeds than dial-up, satellite internet can provide higher speeds, and 3G and 4G mobile broadband are designed for mobile devices and generally offer faster connections than dial-up. Dial-up is considered slow and outdated in comparison to these other options.

Thus, the correct answer is **Dial-up**.

Question 96 :

_____ was the first web browser to implement the omnibox.

Difficulty : Moderate

Average Time : 65 Seconds

Options :

1. Mozilla Firefox
2. Safari
3. Lynx
4. Google Chrome

Solution :

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

- **Google Chrome** was the first web browser to implement the omnibox.
- The **omnibox**, also known as the address bar or the URL bar, combines the functionality of a web address bar and a search bar into one, allowing users to enter URLs and perform web searches from the same input field.
- It was a unique feature introduced by Google Chrome when the browser was first released in 2008, and it set a trend in web browser design that other browsers like Mozilla Firefox and Microsoft Edge later adopted. Safari, while a popular browser developed by Apple, was not the first to implement the omnibox.

Thus, the correct answer is **Google Chrome**.

Question 97 :

Which of the following is used to move an active cell to the first column on the current row?

Difficulty : Moderate

Average Time : 68 Seconds

Options :

1. Page up
2. Ctrl + Home
3. Page down
4. Home

Solution :

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

- **Home**: Pressing the "Home" key on your keyboard will move the active cell to the first column on the current row in Excel. This is a common keyboard shortcut for navigating within a worksheet.
- **Page Up and Page Down**: These keys are used to scroll up and down through the worksheet.
- **Ctrl + Home**: This key combination is used to move the active cell to the very beginning of the worksheet (cell A1), not just the first column on the current row.



Thus, the correct answer is **Home**.

Question 98 :

Which of the following is NOT a valid MS Excel 2007 formula?

Difficulty : Moderate

Average Time : 60 Seconds

Options :

1. **SUMPRODUCT**
2. **SUMIF**
3. **SUM**
4. **SUMADD**

Solution :

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

- **SUM**: This is a valid Excel 2007 formula used to calculate the sum of a range of numbers.
- **SUMIF**: This is also a valid Excel 2007 formula used to sum values based on a specified condition.
- **SUMPRODUCT**: This is a valid Excel 2007 formula used to multiply corresponding components in the given arrays and then sum those products.
- **SUMADD**: This is not a valid Excel 2007 formula. It's not recognized as a built-in function in Excel, and it does not serve any specific mathematical or logical purpose within Excel's formula capabilities.

Thus, the correct answer is **SUMADD**.

Question 99 :

Which of the following keyboard shortcut is used to insert a hyperlink in an MS Word 2007 document?

Difficulty : Moderate

Average Time : 65 Seconds

Options :

1. **Alt + K**
2. **Ctrl + Return**
3. **Ctrl + K**
4. **Alt + =**

Solution :



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

- In MS Word 2007, the keyboard shortcut **Ctrl + K** is used to insert a hyperlink.
- When you select text or an object and press Ctrl + K, it opens a dialog box that allows you to specify the hyperlink address and other settings for the link.
- The other options listed do not perform this specific function.

Thus, the correct answer is **Ctrl + K**.

Question 100 :

_____ is NOT a valid option of office button in MS Word 2007.

Difficulty : Moderate

Average Time : 52 Seconds

Options :

1. Print
2. Save As
3. Save
4. Presentation

Solution :

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

- **Presentation:** This is not a valid option in the Office Button menu. In Microsoft Word 2007, there was no "Presentation" option in the Office Button menu because Word is primarily used for creating and editing text documents, not for creating presentations. Presentation-related functions were typically associated with other Microsoft Office applications like PowerPoint.
- **Print:** This option allowed you to print the current document or configure printing settings.
- **Save As:** You could use this option to save the document with a different name or in a different format.
- **Save:** This option allowed you to save the current document. It's a fundamental function in Word.

Delhi Police Constable Tier 1 Previous Year Question Paper Analysis

The analysis of Delhi Police Constable Tier 1 Previous Year Question Paper held on 2020-12-11 in the Afternoon exam is as follows:

Page No: 69

Follow us on



Address : 1997, Mukherjee Nagar, 110009

Email : online@kdcampus.org

Call : +91 95551 08888

Download the App





- 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 - 4
3. Classification - 1
4. Venn Diagrams - 2
5. Figure Based - 8
6. Series - 2
7. Mathematical Reasoning - 2
8. Cubes And Dice - 2
9. Seating Arrangement And Puzzle - 3

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.

Daily Current Affairs



KD Live is providing [Current Affairs](#) on a daily basis for DelhiPolice and a [Current Affairs Quiz](#) too for the practice.

KD Live Free Offerings



KD Live is Offering Every Information and Study Material required for the self study. Please click on the following links for accessing those.

- [Study Plan](#)
- [General Science](#)
- [General Awareness](#)
- [General Knowledge](#)
- [Quantitative Aptitude](#)
- [Logical Reasoning](#)
- [English Language](#)
- [Today In History](#)
- [Syllabus](#)
- [Know Your State](#)
- [Know Your Country](#)
- [Know Your City](#)
- [Know Your Leader](#)
- [Books And Authors](#)
- [Daily Vocabulary](#)
- [Daily Editorial](#)
- [Latest Notifications](#)
- [Exam Dates](#)
- [Admit Card](#)
- [Exam Results](#)
- [Exam Cutoff](#)
- [Exam Eligibility](#)
- [Exam Pattern](#)





[Answer Key](#)
[Important Days](#)

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

For Asking any query on Delhi Police Constable Tier 1 Previous Year Question Paper please mail [Send Email](#) or you can fill the form at [KD Live](#).

About KD Live

KD live has an expertise in providing apt explanations for the Delhi Police Constable Tier 1 Previous Year Question Paper since 2008. More than 10 lakh aspirants have cleared competitive exams under the guidance of Neetu Mam.

Study.kdcampus.live is providing free information on various topics and for the Delhi Police Constable Exam you can refer the following link [Click Here](#) however if you want to practice more questions then please refer the following link [Click Here](#).

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.