

# Delhi Police Constable Tier 1 Previous Year Question Paper Overview

Here, you can solve all the questions asked in Delhi Police Constable Tier 1 Previous Year Question Paper on 2020-12-08 in the 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 :

A certain sum amounts to ₹19,900 in 4 years and to ₹11,700 in 7 years at the same rate per cent per annum at simple interest. What will be the amount of the same sum at  $8\frac{2}{3}\%$  for  $2\frac{1}{4}$  years at simple interest?

Difficulty : Moderate

Average Time : 49 Seconds

### Options :

1. 8,924
2. 8,952.75
3. 8,904
4. 8,962.50

### Solution :

The correct answer is **option 4** i.e. **8,962.50**

### FORMULA USED

$$SI = P \cdot R \cdot T / 100$$

$$\text{Amount (A)} = \text{Principal (P)} + \text{Simple interest (SI)}$$

Calculation-

$$A = P + SI$$

$$9900 = P + P \cdot r\% \cdot 4 \dots\dots(1)$$



$$11700 = P + P * r\% * 7 \dots\dots\dots(2)$$

Equation (2) - Equation (1)

$$3 * pr\% = 1800$$

$$pr\% = 600$$

Put it into equation 1

$$9900 = P + 600 * 4 = P + 2400$$

$$P = 7500$$

$$\text{Amount} = 7500 + 7500 * (26/300) * (9/4)$$

$$= 7500 + 1462.50$$

$$= 8962.50$$

**Question 2 :**

Which of the following rivers has Musi river as one of its tributaries?

Difficulty : Moderate

Average Time : 50 Seconds

**Options :**

1. Kaveri
2. Mahanadi
3. Tapi
4. Krishna

**Solution :**

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

- The Musi River is a major tributary of the Krishna River which is flowing through Telangana.
- The Musi River originates from the Ananthagiri Hills.
- It generally flows towards the east, turning south at Chittaloor.

**Question 3 :**

Antibiotics are NOT effective on a virus as it lacks \_\_\_\_\_.

Difficulty : Moderate

Average Time : 42 Seconds

**Options :**



1. cilia

2. plasmid

3. genetic material

4. cell wall

**Solution :**

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

- The cell wall is the structural layer that is surrounded by the some type of cells.
- It provides the cell with both structural support and protection.
- The plant cell wall was first observed and named by Robert Hooke in 1665.

**Question 4 :**

When a body rolls over the surface of another body, the resistance to its motion is called \_\_\_\_\_.

Difficulty : Moderate

Average Time : 46 Seconds

**Options :**

1. drag

2. fluid friction

3. sliding friction

4. rolling friction

**Solution :**

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

- Friction is the force that resists the sliding or rolling of one solid object over another.
- The main source of friction in rolling appears to be the dissipation of energy involved in the deformation of the objects.
- Coefficients of rolling friction are 100 to 1,000 times less than coefficients of sliding friction for corresponding materials.

**Question 5 :**

India secured \_\_\_\_\_ place in the World Competitiveness Index released in June 2020.

Difficulty : Moderate

Average Time : 48 Seconds

**Options :**

43rd

2. 38th

3. 49th

4. 32nd

### Solution :

The correct answer is **option 1** i.e. **43rd**.

- World Competitiveness Index 2020 special edition is dedicated to elaborating on the priorities for recovery and revival and considering the building blocks of a transformation toward new economic systems.
- The World Competitiveness is an annual report published by the Swiss-based International Institute for Management Development on the competitiveness of nations and has been published since 1989.

### Question 6 :

In which of the following years did Razia become the Sultan of Delhi?

Difficulty : Moderate

Average Time : 47 Seconds

### Options :

1. 1232

2. 1238

3. 1234

4. 1236

### Solution :

The correct answer is **option 4** i.e. **1236**.

- Razia was the first and only Muslim female ruler of the Delhi Sultanate.
- She was the daughter of the Delhi Sultan Iltutmish.
- She was the ruler of the Delhi Sultanate during the year 1236 to 1240.

### Question 7 :

Which of the following statements is NOT true about Ashokan pillars?

Difficulty : Moderate

Average Time : 40 Seconds

### Options :



These are said to be monolithic pillars.

2. Ashoka got the inspiration for such pillars from his father Bindusar.

3. These were usually made of sandstone.

4. These are mostly polished pillars.

**Solution :**

The correct answer is **option 2** i.e. **Ashoka got the inspiration for such pillars from his father Bindusar.**

- Ashoka used the expression Dharma stambha, i.e. "pillars of the Dharma" to describe his own pillars.
- These pillars constitute important monuments of the architecture of India, most of them exhibiting the characteristic Mauryan polish.
- In Prayagraj there is a pillar with inscriptions from Ashoka and later inscriptions attributed to Samudragupta and Jehangir.
- Asoka's 6 Major Pillar Edicts have been found at Allahabad, Delhi, Meerut (now Delhi), Lauriya-Araraj, Lauriya-Nandangarh, Rampurva (Champan), and a 7th one on the Delhi-Topra pillar.

**Question 8 :**

Which of the following sultans of Delhi was the first one to start military campaigns in southern India?

Difficulty : Moderate

Average Time : 66 Seconds

**Options :**

1. Iltutmish
2. Qutbuddin Aybak
3. Alauddin Khalji
4. Balban

**Solution :**

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

- Alauddin Khalji was the ruler of the Khilji dynasty of the Delhi Sultanate.

**His military reforms included :**

- Introduction of 'dagh' (branding of horses) and 'Chahra' (descriptive roll of soldiers) insistence on a regular muster of the army.
- Paid decent salaries to the soldiers and never gave them land assignments.

**Question 9 :**

Which article was removed by the Constitution (Forty-Fourth Amendment) Act of 1978?

Difficulty : Moderate

Average Time : 49 Seconds

**Options :**

1. Article 31
2. Article 299
3. Article 24
4. Article 21

**Solution :**

The correct answer is **Option 1** i.e. **Article 31**

- Article 31 which contained the right to property was shifted to Article 300. This transfer was done to affirm that no person is deprived of his property save by the authority of law.
- To revoke some amendments made under the 42 amendment act, 1976 government of India passed an act in 1978.

**Question 10 :**

Which of the following subjects is NOT listed in the Union List in the Seventh Schedule of the Constitution of India?

Difficulty : Moderate

Average Time : 47 Seconds

**Options :**

1. Insurance
2. Railways
3. Corporation tax
4. Public health and sanitation

**Solution :**

The correct answer is **option 4** i.e. **Public health and sanitation.**

- The Union List is a list of 97 subjects given in the Seventh Schedule to the Constitution of India.
- The Central Government or the Parliament of India has exclusive power to make laws on matters relating to these items.
- The Seventh Schedule to the Constitution of India specifies the allocation of powers and functions between the Union and the States.

**Question 11 :**



Which of the following statements about the 'pro tem' Speaker of the House of Representatives in India is correct?

Difficulty : Moderate

Average Time : 52 Seconds

Options :

1. The name for the post is recommended by the outgoing Speaker of the House of Representatives.
2. He is appointed by the President of India.
3. The name for the post is recommended by the Union Cabinet.
4. The name for the post is recommended by the Leader of Opposition in the House of Representatives.

Solution :

The correct answer is **option 2** i.e. **He is appointed by the President of India.**

- The Speaker of Lok Sabha has the highest authority in Lok Sabha, the Lower House of Parliament.
- After a general election and formation of a new government, a list of senior Lok Sabha members is submitted to the Minister of Parliamentary Affairs, who selects a pro tem speaker. The appointment has to be approved by the President.

Question 12 :

Which of the following states is a leading producer of natural rubber?

Difficulty : Moderate

Average Time : 62 Seconds

Options :

1. Andhra Pradesh
2. Madhya Pradesh
3. Kerala
4. Maharashtra

Solution :

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

- Natural rubber is used in many products, either alone or in combination with other materials.
- A total of **74%** of natural Rubber is produced by Kerala in India.
- India has around **5%** market in global natural Rubber.

Question 13 :



Who among the following rulers of Magadha is said to have sent his minister named Vassakara to seek advice of Buddha on how to defeat the Vajjis?

Difficulty : Moderate

Average Time : 48 Seconds

Options :

1. Bimbisara
2. Bindusara
3. Shishunag
4. Ajatashatru

Solution :

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

- Ajatshatru was one of the most important kings of the Haryanka dynasty of Magadha.
- He was the son of King Bimbisara and was a contemporary of both Mahavira and Gautama Buddha.
- He sent his minister Vassakara to seek the advice of Buddha and managed to split the Vajjis and also broke the chaityas inside.

Question 14 :

Fakhr-i-Mudabbir, who was a contemporary of Delhi's Sultan Iltutmish, was renowned:

Difficulty : Moderate

Average Time : 48 Seconds

Options :

1. historian
2. sufi saint
3. economist
4. warrior

Solution :

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

- Fakhr-i-Mudabbir was a Persian author and was active at the court of the Delhi Sultanate.
- Iltutmish was the third king of the Mamluk who ruled the former Ghurid territories in northern India.
- He was the first Muslim to rule Delhi and is thus considered the effective founder of the Delhi Sultanate.

Question 15 :





Which of the following river systems has a river named Lohit as one of its components?

Difficulty : Moderate

Average Time : 48 Seconds

Options :

1. Ganga
2. Narmada
3. Brahmaputra
4. Godavari

Solution :

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

- The Lohit River is named by the Assamese people and the word Lohit means blood.
- Lohit is a river in China and India that joins the Brahmaputra River in the state of Assam.
- Brahmaputra River is the 9th largest river in the world and the 15th longest.

Question 16 :

In which of the following states is Pachpadra Lake located?

Difficulty : Moderate

Average Time : 46 Seconds

Options :

1. Madhya Pradesh
2. Rajasthan
3. Tamil Nadu
4. Odisha

Solution :

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

- Pachpadra Lake is located near Pachpadra in **Barmer, Rajasthan**.
- It is a **salt lake**.

Question 17 :

With which of the following states is the tribal festival named 'Samakka Saarakka Jaathara' traditionally associated?



Difficulty : Moderate

Average Time : 39 Seconds

Options :

1. Tripura
2. Tamil Nadu
3. Kerala
4. Telangana

Solution :

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

- Samakka Saarakka Jaathara is a festival to honour the Hindu tribal goddess, celebrated by the people of Telangana.
- This festival is known for being one of the largest people gathering in the world.
- The festival ritual is conducted by the priests of the Koya tribe.

Question 18 :

Which of the following regions of India witnessed the rule of a female ruler named Didda in the late 10th century?

Difficulty : Moderate

Average Time : 48 Seconds

Options :

1. Kashmir
2. Kalinga
3. Andhra
4. Banga

Solution :

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

- Didda was the ruler of Kashmir from 980 CE to 1003 CE.
- Didda was the daughter of the king of Lahore, Simharaja.
- She was married to the king of Kashmir, Kshemagupta.

Question 19 :

Who among the following is the author of the book titled 'How to Avoid a Climate Disaster: The Solutions We Have and the Breakthroughs We Need'?



Difficulty : Moderate

Average Time : 44 Seconds

Options :

1. Al Gore
2. Bill Gates
3. RK Pachauri
4. Greta Thunberg

Solution :

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

- How to Avoid a Climate Disaster: The Solutions We Have and the Breakthroughs We Need is a 2021 book written by Bill Gates.
- In this book, Bill Gates presents a study of climate change and innovation to address global warming.

Question 20 :

The cricketer Stuart Broad is a player of the \_\_\_\_\_ cricket team.

Difficulty : Moderate

Average Time : 44 Seconds

Options :

1. South African
2. England
3. New Zealand
4. West Indies

Solution :

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

- Stuart Broad is a former English cricketer who played Test Cricket for the England Cricket team and he was the captain of One Day and T20 International.
- During the Ashes Series 2023 against Australia, he completed 600 wickets in Test cricket for England.
- He is England's second most-capped player in test cricket after James Anderson.

Question 21 :

Which of the following Acts introduced Provincial Autonomy during British rule in India?



Difficulty : Moderate

Average Time : 49 Seconds

Options :

1. Indian Councils Act, 1861
2. Indian Councils Act, 1909
3. Indian Councils Act, 1892
4. Government of India Act, 1935

Solution :

The correct answer is **option 4** i.e. **Government of India Act, 1935**.

The Government of India Act 1935 act was passed by British rule in **August 1935**.

The Act is related to:

- Separation of Burma from British India, effective from 1 April 1937.
- Establishment of the Reserve Bank of India (RBI).
- Establishment of the Federal Public Service Commission, a Provincial Public Service Commission in each province, and the JPSC.
- Creation of the Federal Court in 1937.
- Bicameralism in six provinces (Bombay, Madras, Bengal, Bihar, Assam, and United Provinces) out of 11 provinces.

Question 22 :

Abdul Hamid Lahori's work titled 'Badshah Nama' is the official history of his patron:

Difficulty : Moderate

Average Time : 59 Seconds

Options :

1. Shah Jahan
2. Jahangir
3. Humayun
4. Aurangzeb

Solution :

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

- Abdul Hamid Lahori was a traveler and a historian during the period of the Mughal emperor Shah Jahan.
- He wrote a book called **Padshahnama** in which he described the life activities of Shah Jahan.



Later he becomes the court historian of Shah Jahan.

**Question 23 :**

When a chemical, which is basic in nature, is treated with turmeric paste, it turns \_\_\_\_\_ in colour.

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

1. yellow
2. red
3. black
4. green

**Solution :**

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

- When the turmeric paste is mixed with the chemical which is basic in nature it turns into red.
- The base is a chemical substance that donates electrons, accepts protons, or releases (OH-) in an equation.

**Here are some examples of bases-**

- Lithium Hydroxide LiOH.
- Sodium Hydroxide NaOH.
- Potassium Hydroxide KOH.
- Rubidium Hydroxide RbOH.
- Magnesium Hydroxide Mg(OH)<sub>2</sub>,
- Barium Hydroxide Ba(OH)<sub>2</sub>,

**Question 24 :**

Which of the following pairs of schemes was announced in the Union Budget 2020-21 for a seamless national cold supply chain for perishables?

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

1. Kisan Mitra and Kisan Saathi
2. Krishi Udyam and Krishi Saksham
3. Krishi Bhandar and Krishi Sewa

### Kisan Rail and Krishi Udaan

**Solution :**

The correct answer is **option 4** i.e. **Kisan Rail and Krishi Udaan**.

- The Union Budget has been structured on the overall theme of “Ease of Living.” This has been achieved by farmer-friendly initiatives such as Agriculture credit target of Rs 15 lakh crore for 2020-21; schemes of “**Kisan Rail**” and “**Krishi Udaan**” for a seamless national cold supply chain for perishables; and expansion of **PM-KUSUM** to provide 20 lakh farmers for setting up stand-alone solar pumps.
- The cold supply chain is a temperature-controlled and temperature-sensitive supply chain. The cold supply chain is integral to the safe manufacturing, packaging, transporting, monitoring, and delivery of a wide range of products and goods.

**Question 25 :**

According to the ‘World Investment Report 2020’ by the UN Conference on Trade and Development (UNCTAD), India was the \_\_\_\_\_ largest recipient of Foreign Direct Investment in 2019.

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

1. 13th
2. 9th
3. 7th
4. 11th

**Solution :**

The correct answer is **option 2** i.e. **9th**.

- The United Nations Conference on Trade and Development (UNCTAD) is an intergovernmental organization within the United Nations Secretariat that promotes the interests of developing countries in world trade.
- The primary objective of UNCTAD is to formulate policies relating to all aspects of development, including trade, aid, transport, finance, and technology.
- Global flows of foreign direct investment (FDI) will be under severe pressure this year as a result of the COVID-19 pandemic. These vital resources are expected to fall sharply from 2019 levels of \$1.5 trillion, dropping well below the trough reached during the global financial crisis and undoing the already lackluster growth in international investment over the past decade.

**Question 26 :**

In which of the following pair of states is Buckingham canal spread?



Difficulty : Moderate

Average Time : 62 Seconds

Options :

1. Tamil Nadu and Andhra Pradesh
2. Karnataka and Kerala
3. Kerala and Tamil Nadu
4. Andhra Pradesh and Odisha

Solution :

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

- The Buckingham Canal is a 796 kilometers long freshwater navigation canal, that parallels the Coromandel Coast of South India from Kakinada City in the Kakinada district of Andhra Pradesh to Village near Chidambaram, Cuddalore District of Tamil Nadu, India.
- The canal was constructed during British rule and was an important waterway during the late nineteenth and early twentieth centuries.
- It was once the only main route by which bulky commodities, such as fuel, salt, and dried fish, could be profitably brought to the city of Madras (now Chennai) in Tamil Nadu state.

Question 27 :

In which of the following Olympics did Abhinav Bindra win a gold medal for India?

Difficulty : Moderate

Average Time : 62 Seconds

Options :

1. Beijing 2008
2. Athens 2004
3. London 2012
4. Sydney 2000

Solution :

The correct answer is **option 1** i.e. **Beijing 2008**.

- Abhinav Bindra is one of India's leading shooters in the 10m air rifle event.
- On 11 August 2008, he became the first Indian sportsperson to win an individual gold medal by winning the gold medal in the individual event at the Beijing Olympic Games.
- Abhinav Bindra was awarded the Padma Bhushan in the field of sports by the Government of India in 2009.

**Question 28 :**

Who among the following sportspersons has NEVER bagged an Olympic medal?

Difficulty : Moderate

Average Time : 49 Seconds

**Options :**

1. Gagan Narang
2. Sania Mirza
3. Vijay Kumar
4. Vijender Singh

**Solution :**

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

- Sania Mirza (born 15 November 1986) is an Indian former professional tennis player.
- A former doubles world No. 1, she won six major titles – three in women's doubles and three in mixed doubles.
- On 7 January, she announced her retirement after her last tournament in February at the Dubai Championships.
- Sania Mirza's singles campaign at Beijing 2008, though, was disrupted due to a wrist injury in her right hand leading up to her Olympic debut.

**Question 29 :**

Which of the following states has been the permanent host of the International Film Festival since 2004?

Difficulty : Moderate

Average Time : 55 Seconds

**Options :**

1. Maharashtra
2. Kerala
3. Gujarat
4. Goa

**Solution :**

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

- Founded in 1952, the International Film Festival of India (IFFI) is one of Asia's most prominent film festivals.
- Since 2004, it has moved to its permanent venue at Goa, where it is jointly organized by DFF and the State Government of Goa, as per the International Film Festival guidelines and protocols.
- The Festival aims at providing a common platform for the cinemas of the world to project the excellence of film art;



contributing to the understanding and appreciation of film cultures of different nations in the context of their social and cultural ethos, and promoting friendship and cooperation among people of the world.

**Question 30 :**

As per the Union Budget 2020-21, what was the disinvestment target of the Union Government for the year 2020-21?

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

1. ₹11.35 lakh crore
2. ₹11.40 lakh crore
3. ₹11 lakh crore
4. ₹11.20 lakh crore

**Solution :**

The correct answer is **option 4** i.e. **₹11.20 lakh crore**.

- Disinvestment or divestment, in this context, is when the government sells its assets or a subsidiary, such as a Central or State public sector enterprise.
- The government may disinvest in order to reduce the fiscal burden or bridge the revenue shortfall for that year.
- On Disinvestment, the Finance Minister said that listing of companies on stock exchanges discipline a company and provides access to financial markets and unlocks its value. It also gives opportunity for retail investors to participate in the wealth so created. The government now proposes to sell a part of its holding in LIC by way of Initial Public Offer (IPO).

**Question 31 :**

Which of the following terminologies was coined by the scientist Purkinje?

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

1. Cells
2. Protoplasm
3. Cytoplasm
4. Lysosome

**Solution :**



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

- **Johann Evangelist Purkinje** (17 or 18 December 1787 – 28 July 1869) was a Czech anatomist and physiologist. In 1839, he coined the term "protoplasm" for the fluid substance of a cell. He was one of the best-known scientists of his time. Such was his fame that when people from outside Europe wrote letters to him, all that they needed to put as the address was "PurkynÄ›, Europe.
- **Protoplasm** is the living part of a cell that is surrounded by a plasma membrane. It is a mixture of small molecules such as ions, monosaccharides, amino acids, and macromolecules such as proteins, polysaccharides, lipids, etc.

**Question 32 :**

In vertebrates, smooth endoplasmic reticulum plays a crucial role in detoxifying \_\_\_\_\_ from many drugs.

Difficulty : Moderate

Average Time : 61 Seconds

**Options :**

1. small intestine
2. liver
3. brain
4. lungs

**Solution :**

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

- Smooth endoplasmic reticulum (SER), a meshwork of fine disklike tubular membrane vesicles, part of a continuous membrane organelle within the cytoplasm of eukaryotic cells, that is involved in the synthesis and storage of lipids, including cholesterol and phospholipids, which are used in the production of the new cellular membrane.
- The liver and kidney are naturally capable of detox, as are intracellular (specifically, inner membrane of mitochondria or in the endoplasmic reticulum of cells) proteins such as CYP enzymes.

**Question 33 :**

Which of the following is NOT a fundamental duty of the citizens of India as specified in Part IV-A of the constitution of India?

Difficulty : Moderate

Average Time : 57 Seconds

**Options :**

1. To renounce practices derogatory to the dignity of women
2. To value and preserve the rich heritage of our composite culture



To pay taxes by due date

4. To uphold and protect the sovereignty, unity and integrity of India

**Solution :**

The correct answer is **option 3** i.e. **To pay taxes by due date.**

**The fundamental duties noted in the constitution are as follows**

**It shall be the duty of every citizen of India —**

1. To abide by the Constitution and respect its ideals and institutions, the National Flag and the National Anthem;
2. To cherish and follow the noble ideals which inspired our national struggle for freedom;
3. To uphold and protect the sovereignty, unity, and integrity of India;
4. To defend the country and render national service when called upon to do so;
5. To promote harmony and the spirit of common brotherhood amongst all the people of India transcending religious, linguistic, and regional or sectional diversities; to renounce practices derogatory to the dignity of women;
6. To value and preserve the rich heritage of our composite culture;
7. To protect and improve the natural environment including forests, lakes, rivers, and wildlife, and to have compassion for living creatures;
8. To develop the scientific temper, humanism, and the spirit of inquiry and reform;
9. To safeguard public property and to abjure violence;
10. To strive towards excellence in all spheres of individual and collective activity so that the nation constantly rises to higher levels of endeavor and achievement;
11. Who is a parent or guardian, to provide opportunities for education to his child, or as the case may be, ward between the age of six to fourteen years.

**Question 34 :**

Which of the following is an example of bilaterally symmetrical, triploblastic marine animals that have a notochord at some stages during their lives?

**Difficulty : Moderate**

**Average Time : 109 Seconds**

**Options :**

1. Leech
2. Lycopodium
3. Herdmania
4. Rana tigrina

**Solution :**



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

- It is more or less like a purse or large oval potato, measuring 6.5 to n.8 cm in length and 5.2 to 6.9 cm in breadth.
- Body dark brown, reddish brown, or yellowish brown in color and regional into the soft body proper and foot.
- Foot large, dirty, rough, leathery, and with a number of foreign objects. It forms one-third of the body.
- Without cutting the animal open at the free end, the body is drawn to form a 1.0 cm long branchial or incurrent siphon and a 1.5 cm long atrial or excurrent siphon. The incurrent opening of the mouth is somewhat laterally placed, while the excurrent opening is directed upwards. Branchial and atrial apertures are found on branchial and atrial siphons respectively.

**Question 35 :**

As on 31 August 2020, who was the Leader of the House in Rajya Sabha?

Difficulty : Moderate

Average Time : 65 Seconds

**Options :**

1. L Hanumanthaiah
2. Thawar Chand Gehlot
3. Sambit Patra
4. Bhubaneswar Kalita

**Solution :**

The correct answer is **option 2** i.e. **Thawar Chand Gehlot**.

- The Leader of the House in Rajya Sabha is the leader and parliamentary chairperson of the majority party in the Rajya Sabha and is normally either a cabinet minister or another nominated minister.
- Thawar Chand Gehlot is the current governor of Karnataka State.
- He is the first person from Madhya Pradesh to serve as the Governor of Karnataka.

**Question 36 :**

According to the Economic Survey 2020, the livestock sector in India had been growing at a Compound Annual Growth Rate (CAGR) of \_\_\_\_\_ during the past five years.

Difficulty : Moderate

Average Time : 54 Seconds

**Options :**

1. 7.9%
2. 8.2%



5.3%

4. 4.4%

### Solution :

The correct answer is **option 1** i.e. **7.9%**.

- Livestock are domesticated animals raised in an agricultural setting to provide labor and produce diversified products for consumption such as meat, eggs, milk, fur, leather, and wool.
- Livestock income has become an important secondary source of income for millions of rural families and has assumed an important role in achieving the goal of doubling farmers' income, says Economic Survey.
- Economic Survey further states that fisheries remain an important source of food, nutrition, employment, and income in India. It provides livelihood to about 16 million fishers and fish farmers in the country.

### Question 37 :

The folk drama named 'Therukoothu' traditionally belongs to:

Difficulty : Moderate

Average Time : 56 Seconds

### Options :

1. Odisha
2. Tamil Nadu
3. Telangana
4. Tripura

### Solution :

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

- **Koothu or Therukoothu** is an ancient art form where performers perform epics in Tamil while narrating stories accompanied by dance and music; It is a folk art that originated in early Tamil Nadu.
- With five decades of experience in therukoothu, **PK Sambandan** keeps his art alive by exploring new stories to tell, from the works of Anton Chekhov to Subramania Bharati.

### Question 38 :

The movie 'Hellaro', which bagged the Best Feature Film Award at the 66th National Film Awards, is a movie produced in \_\_\_\_\_ language.

Difficulty : Moderate

Average Time : 54 Seconds



## Options :

1. Marathi
2. Gujarati
3. Tamil
4. Kannada

## Solution :

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

- **Hellaro** is a 2019 Indian Gujarati period drama film co-written and directed by **Abhishek Shah** and produced by Ashish Patel, Nirav Patel, Aayush Patel, Prateek Gupta, Mit Jani, and Abhishek Shah under the banner of Saarthi Productions and Harfanmaula films.
- **Hellaro** won the National Film Award for Best Feature Film at the **66th National Film Awards**.
- It was officially selected as the opening film at Indian Panorama, at the **50th International Film Festival of India**.

## Question 39 :

According to the Government of India data, the Foreign Direct Investment (FDI) inflow in India from China during the year 2019-20 was approximately \_\_\_\_\_ million.

Difficulty : Moderate

Average Time : 59 Seconds

## Options :

1. \$164
2. \$245
3. \$357
4. \$270

## Solution :

The correct answer is **option 1** i.e. **\$164**

- **Foreign direct investment (FDI)** refers to the purchase of an asset in another country, such that it gives direct control to the purchaser over the asset.
- Amid apprehensions of a fall in Chinese investment in India, overall flows added up to just **\$164 million** in **2019-20**, and no proposal has been filed since the government decided last April to scan all foreign direct investments (FDIs) from countries with which India shares a border.



## Question 40 :

Which of the following instruments is Gupta ruler Samudragupta shown playing on his coins?

Difficulty : Moderate

Average Time : 53 Seconds

### Options :

1. Veena
2. Mridanga
3. Sarangi
4. Tabla

### Solution :

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

- Samudragupta (c. 335–375 CE) was the second emperor of the Gupta Empire of ancient India and is regarded among the greatest rulers of India.
- He defeated several kings of northern India and annexed their territories into his empire.
- Samudragupta is known to have been a great patron of the arts and was indeed an accomplished musician and poet.
- The depiction of king Samudragupta holding such an instrument on his gold coins testifies of the popularity of the instrument, and also of the interest in music and the arts of a king who was also one of the greatest military conquerors in Indian history.

## Question 41 :

Which place did India secure in the Global Real Estate Transparency Index 2020?

Difficulty : Moderate

Average Time : 61 Seconds

### Options :

1. 34th
2. 41st
3. 17th
4. 26th

### Solution :

The correct answer is **option 1** i.e. **34th**

- **JLL** and **LaSalle** have been tracking real estate transparency and championing higher standards since **1999**.



This **11th** edition of the **Global Real Estate Transparency Index (GRETI)** covers 99 countries and territories, and 163 city regions.

- The top ranks continue to be held by Anglophone countries, with the **UK**, the **U.S.**, and **Australia** in the top three positions, while **France (4th)** and **Ireland (8th)** have registered notable gains.
- **India** ranks **34th** globally on the index, with higher levels of transparency observed in India due to regulatory reforms, enhanced market data, and sustainability initiatives.

**Question 42 :**

The census of which of the following animals in 2018 by India has entered into the Guinness Book of World Records in July 2020 as the largest camera-trap wildlife survey ever conducted?

Difficulty : Moderate

Average Time : 69 Seconds

**Options :**

1. Deer
2. Cheetah
3. Elephant
4. Tiger

**Solution :**

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

- Project Tiger is a tiger conservation program launched on **April 1, 1973**, by the Government of India during Prime Minister Indira Gandhi's tenure.
- The project aims at ensuring a viable population of the Bengal tiger.
- The latest "tiger census" to be carried out has not only shown positive signs that numbers of the world's largest wild cat are on the up in India, but has also been recognized as the largest camera-trap wildlife survey ever conducted.

**Question 43 :**

During the 'Age of Mahajanapadas', Ujjain was the capital of \_\_\_\_\_.

Difficulty : Moderate

Average Time : 54 Seconds

**Options :**

1. Kosala
2. Magadh
3. Avanti





## Panchala

### Solution :

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

- Ujjain was the capital of Avanti.
- Avanti had a significant part in the development of Buddhism.
- Ujjain is a major city in the Indian state of **Madhya Pradesh**, situated on the banks of the **Kshipra River or Shipra River**. This is a very ancient city.
- It was the capital of the kingdom of the great emperor **Vikramaditya**.

### Question 44 :

How many children received the Pradhan Mantri Rashtriya Bal Puraskar 2020?

Difficulty : Moderate

Average Time : 50 Seconds

### Options :

1. 37
2. 33
3. 49
4. 45

### Solution :

The correct answer is **option 3** i.e. **49**.

- **Bal Shakti Puraskar** is awarded to Indian citizens under the age of 18 for outstanding achievement in innovation, scholastic achievements, social service, arts and culture, bravery, or sports.
- **Pradhan Mantri Bal Puraskar - 2020**: Innovation Award President Ram Nath Kovind presented the Bal Shakti Puraskar 2020 awards to **49 children** in the age group of 5-18 years at a function in Rashtrapati Bhavan.
- **The Bal Shakti Puraskar** is given to children in the fields of innovation, social service, academics, sports, art and culture, and bravery and carries a medal, a cash prize of Rs 1 lakh, a certificate, and a citation.

### Question 45 :

In the context of the polity during the seventh century, the term 'samanta' meant \_\_\_\_\_.

Difficulty : Moderate

Average Time : 60 Seconds

### Options :



a subordinate ruler

2. a finance minister
3. a commerce minister
4. a royal scribe

### Solution :

The correct answer is **option 1** i.e. **a subordinate ruler**.

- Samanta was a title and position used in the history of the Indian subcontinent between the 4th and 12th centuries.
- The term 'Samanta' originally meant a 'neighbor' and in the Mauryan period, the term referred to the independent ruler of an adjoining territory as is evident from its use in the Arthashastra and Ashokan edicts.

### Duties of Samanta:

- Paying yearly tributes to the emperor.
- Paying homage to the emperor in person.
- Defeated Samantas had to offer their sons and minor princes to the Emperor so that they are groomed in the imperial traditions and grow to be loyal to the emperor.
- Render military aid to the emperor.
- Perform administrative and judicial functions in times of peace.

### Question 46 :

Who among the following will relinquish the post of the Managing Director of HDFC Bank in October 2020?

Difficulty : Moderate

Average Time : 71 Seconds

### Options :

1. Aditya Puri
2. Rajnish kumar
3. Rakesh Sharma
4. AS Rajeev

### Solution :

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

- Aditya Suri was the managing director of HDFC Bank. He assumed this position in **September 1994**, with a vision to create a "**World Class Indian Bank**".

Aditya Puri was the longest-serving head of any private bank in the country.

- He was **CEO of Citibank, Malaysia** in **1992**.
- He officially stepped down from his position at HDFC Bank on **26 October 2020**. **Sashidhar Jagdishan** took charge as the chief executive officer (CEO) of HDFC Bank on **27 October 2020**.

### Question 47 :

The landform named 'meander' is created by a \_\_\_\_\_.

Difficulty : Moderate

Average Time : 58 Seconds

### Options :

1. volcano
2. sea
3. river
4. wind

### Solution :

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

- A meander is when water flows in a curvy, bendy path, like a snake.
- A meander is one of a series of regular sinuous curves in the channel of a river or other watercourse.
- Meanders, named from the Menderes (historically known as the Maeander) River in Turkey, are most often formed in alluvial materials (stream-deposited sediments) and thus freely adjust their shapes and shift downstream according to the slope of the alluvial valley.

### Question 48 :

In the context of ancient India culture, 'panchayatana' refers to:

Difficulty : Moderate

Average Time : 52 Seconds

### Options :

1. a military formation used to surround enemies
2. a pattern of defence walls in a city
3. a city with five residential complexes
4. a style of temple architecture

### Solution :

Page No: 27

Follow us on



Address : 1997, Mukherjee Nagar, 110009

Email : [online@kdcampus.org](mailto:online@kdcampus.org)

Call : +91 95551 08888

Download the App



The correct answer is **option 4** i.e. **a style of temple architecture**.

- **Panchayatana** is a style of temple construction that has a central shrine surrounded by four other shrines.
- The origin of the name are the Sanskrit words Pancha (five) et ayatana (containing).

#### Examples of Panchayatana temples

- Kandariya Mahadeva Temple in Khajuraho
- Brahmeswara Temple in Bhubaneswar
- Jagdish Temple in Udaipur
- Lakshmana Temple in Khajuraho
- Lingaraja Temple in Bhubaneswar

#### Question 49 :

As per the Union Budget 2020, which of the following was NOT a component of the theme titled 'Aspirational India'?

Difficulty : Moderate

Average Time : 62 Seconds

#### Options :

1. Education and skills
2. Wellness, water and sanitation
3. Agriculture, irrigation and rural development
4. Urban rejuvenation

#### Solution :

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

- Union Budget 2023-24 was presented by Nirmala Sitaraman in Parliament.

#### Aspirational India

- Aspirational India was launched by the Hon'ble PM in January 2018, the Aspirational Districts Programme (ADP) aims to quickly and effectively transform the 112 most under-developed districts across the country.

#### Urban rejuvenation.

- The adaptive reuse of buildings and urban neighborhoods is common in developed countries that have a long history of urbanization.
- This emerging trend of urban regeneration, which promotes tourism, is becoming an urgent agenda for many colonial cities in developing countries.

**Question 50 :**

The cricketer Roston Chase plays for which of the following countries?

Difficulty : Moderate

Average Time : 63 Seconds

**Options :**

1. West Indies
2. South Africa
3. Australia
4. New Zealand

**Solution :**

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

- Roston Lamar Chase is a Barbadian cricketer who plays for the **West Indies** and **Barbados**.
- He is a batting allrounder, a right-handed batter, and a right-arm off-spin bowler.
- He made his ODI debut for the West Indies, against **Afghanistan** on **9 June 2017**.

**Question 51 :**

Of the following Harappan Civilization sites, which one provides the evidence of a large open area with terraced stands, identified as 'stadium'?

Difficulty : Moderate

Average Time : 50 Seconds

**Options :**

1. Kalibangan
2. Chanhudaro
3. Mohanjodaro
4. Dholavira

**Solution :**

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

- The ancient city of Dholavira, the southern center of the Harappan Civilization, is situated on the arid island of **Khadir** in the **State of Gujarat**.
- The site was initially discovered by a resident of Dholavira village, **Shambhudan Gadhvi**, in the early 1960s who tried to bring government attention to the location.
- It was named a **UNESCO World Heritage Site** under the name Dholavira: a Harappan City on **27 July 2021**.



## Question 52 :

Which of the following tools can be used to apply the font color and size of a text to multiple pieces of text in MS-Word?

Difficulty : Moderate

Average Time : 58 Seconds

### Options :

1. Eraser
2. Replace
3. Show/Hide button
4. Format Painter

### Solution :

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

- **Format Painter:** This tool in **MS-Word** allows you to copy the formatting (including font color and size) from one piece of text and apply it to multiple other pieces of text. It's specifically designed for copying formatting attributes.
- The other options, Eraser, Replace, and Show/Hide button, do not have the primary function of applying font color and size formatting to text
- **Eraser:** This tool is used to remove or delete content, not to apply formatting.
- **Replace:** The Replace function in MS-Word is used to find specific text and replace it with other text. It doesn't directly apply formatting changes.
- **Show/Hide button:** This button is used to toggle the display of non-printing characters in your document and doesn't have a direct role in applying font color and size formatting.

Thus, the correct option is **Format Painter**.

## Question 53 :

Which of the following characters must be a part of an email id?

Difficulty : Moderate

Average Time : 78 Seconds

### Options :

1. Dot (.)
2. Dollar (\$)
3. Ampersand (&)



At the rate (@)

**Solution :**

The correct answer is **option 4** i.e. **At the rate (@)**

The usage of options are as follows.

- **Dot (.):** The dot is commonly used in email addresses to separate the local part (before the @ symbol) from the domain part (after the @ symbol). For example, "username@example.com."
- **Dollar (\$):** The dollar sign is not a valid character in standard email addresses. Email addresses typically consist of letters, numbers, hyphens, and periods (dots).
- **Ampersand (&):** The ampersand is not a valid character in standard email addresses. Email addresses use alphanumeric characters and a limited set of special characters like hyphens and periods.
- **At the rate (@):** The at symbol is a required character in an email address. It separates the local part (the user's name) from the domain part (the domain where the email is hosted). For example, "username@example.com" uses the "@" symbol to separate the two parts.

Thus, the correct option is **At the rate (@)**.

**Question 54 :**

Which of the following is NOT a word processing software?

**Difficulty :** Moderate

**Average Time :** 94 Seconds

**Options :**

1. MS-Excel
2. MS-Word
3. WordPad
4. Notepad

**Solution :**

The correct answer is **option 1** i.e. **MS-Excel**

The details of options are as follows.

**MS-Word:** Microsoft Word is a word processing software. It is designed primarily for creating, editing, and formatting text-based documents.

- **WordPad:** WordPad is also a word processing software, although it is simpler in terms of features compared to Microsoft Word. It is used for basic word processing tasks.
- **Notepad:** Notepad is a basic text editor, and while it's not as feature-rich as dedicated word processing software, it can still be used for simple text editing tasks.
- **MS-Excel:** Microsoft Excel is not a word processing software; it is a spreadsheet application. Excel is used for working with data in tables, performing calculations, and creating charts.

Thus, the correct option is **MS-Excel**.

**Question 55 :**

What is the value of the following MS-Excel formula? =MOD(11, 3)

Difficulty : Moderate

Average Time : 72 Seconds

**Options :**

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

**Solution :**

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

- The MOD function in MS-Excel returns **the remainder when one number is divided by another**.
- In this case, it's calculating the remainder when **11 is divided by 3**.
- So, when you calculate MOD(11, 3) it gives you a result of 2 because when you divide 11 by 3, you get **3 as the quotient with a remainder of 2**.

Thus, the correct option is **2**.

**Question 56 :**

A collection of related web pages is called:





Difficulty : Moderate

Average Time : 57 Seconds

Options :

1. client
2. search engine
3. server
4. website

Solution :

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

A "**website**" is a collection of related web pages that are **interconnected and hosted on a server**.

The description of the other options are as follows.

- "**Client**" typically refers to a computer or device that requests and receives information from a server, such as a user's computer or smartphone.
- "**Search engine**" is a software program or website used to search and retrieve information from the internet. While search engines index web pages, they are not collections of web pages themselves.
- "**Server**" refers to a computer or a system that stores and serves web content to clients. It is the hardware and software responsible for hosting websites but is not the collection of web pages itself.

Thus, the correct option is **website**.

Question 57 :

In an MS-Excel worksheet, the "zoom" bar appears at the \_\_\_\_\_ portion of the worksheet.

Difficulty : Moderate

Average Time : 76 Seconds

Options :

1. top-right
2. top-left
3. bottom-right
4. bottom-left

Solution :

The correct answer is **option 3** i.e. **bottom-right**



In an MS-Excel worksheet, the "zoom" bar appears at the **bottom-right** portion of the worksheet.

- In **Microsoft Excel**, the zoom bar is typically located at the **bottom-right** corner of the worksheet window.
- This allows users to easily **adjust the zoom level to make the content appear larger** or smaller while working on the spreadsheet.

Thus, the correct option is **bottom-right**.

### Question 58 :

What does the term URL mean?

Difficulty : Moderate

Average Time : 52 Seconds

### Options :

1. **Uniform Resource Locator**
2. **Unidentified Resource Locator**
3. **Universal Resource Line**
4. **Unique Reference Line**

### Solution :

The correct answer is **option 1** i.e. **Uniform Resource Locator**

- URL stands for "**Uniform Resource Locator**."
- It is a **standardized address** used to **specify the location of a resource**, such as a **website, file, or document, on the internet**.
- The term "**Uniform Resource Locator**" accurately describes its **function as a reference or address for locating resources** on the web.
- The other options do not accurately represent the meaning of URL.

Thus, the correct option is **Uniform Resource Locator**.

### Question 59 :

Which of the following statements is/are FALSE? (i) In MS-Word, different letters of a word cannot be of different font-colors. (ii) In MS-Word, the Show/Hide command button can be used to display paragraph marks in a document.

Difficulty : Moderate

Average Time : 67 Seconds

### Options :

1. **Only ii**
2. **Neither i nor ii**



Both i and ii

4. Only i

### Solution :

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

- The statement (i) is **FALSE**. In **MS-Word**, you can indeed apply different font colors to different letters within the same word or even within the same text. So, it's possible to have different letters of a word in different font colors.
- This statement (ii) is **TRUE**. In **MS-Word**, the "Show/Hide" command button can be used to display paragraph marks (¶) in a document, helping users see the formatting and structure of the document.

Thus, the correct answer is **Only i**.

### Question 60 :

Which of the following steps can be performed to edit the content of a cell in an MS-Excel worksheet?

Difficulty : Moderate

Average Time : 63 Seconds

### Options :

1. Left-click on the cell once
2. Double-click on the cell
3. Select the cell and press ENTER key
4. Right-click on the cell

### Solution :

The correct answer is **option 2** i.e. **Double-click on the cell**

- To edit the content of a cell in an **MS-Excel worksheet**, you can **double-click** on the cell.
- This action will put the cell into edit mode, allowing you to modify its contents.
- The other options are not typically used to initiate cell editing.

Thus, the correct answer is **Double-click on the cell**.

### Question 61 :

What is the keyboard shortcut to open a new document in MS-Word?

Difficulty : Moderate

Average Time : 55 Seconds

### Options :

1. Alt + N



Ctrl + O

3. Ctrl + N

4. Ctrl + W

**Solution :**

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

In **MS-Word**, the keyboard shortcut **Ctrl + N** is used to **open a new document**. It creates a new, blank document for you to start working on.

**The functions of the other options are as follows.**

- **Alt + N** doesn't directly open a new document; it's used for navigating the Ribbon menu.
- **Ctrl + O** is used to open an existing document.
- **Ctrl + W** is used to close the current document.

Thus the correct answer is **Ctrl + N**.

**Question 62 :**

A solid metallic sphere of radius 8 cm is converted into a solid right circular cylinder of radius x cm. If the height of the cylinder is 3 times the radius of the sphere, then the value of x is:

Difficulty : Moderate

Average Time : 68 Seconds

**Options :**

1.  $5\left(\frac{4}{5}\right)$
2.  $6\left(\frac{2}{3}\right)$
3.  $3\left(\frac{1}{5}\right)$
4.  $5\left(\frac{1}{3}\right)$

**Solution :**

The correct answer is **option 4** i.e.  $5\left(\frac{1}{3}\right)$

**Formula used-**

$$\text{Volume of sphere} = \frac{4}{3} * r^3$$

r = radius of sphere

$$\text{Volume of cylinder} = x^2 * h$$

where,  $x$  = radius of cylinder

Calculation-

Volume of cylinder = Volume of sphere

$$\pi x^2 \cdot h = \frac{4}{3} \pi r^3$$

$$x^2 \cdot 3 \cdot 8 = \frac{4}{3} \cdot 8^3$$

$$x = \frac{16}{3} = 5\frac{1}{3}$$

**Question 63 :**

If  $a$ ,  $b$  and  $c$  are positive numbers such that  $(a^2 + b^2) : (b^2 + c^2) : (c^2 + a^2) = 34 : 61 : 45$ , then  $a : b : c = ?$

Difficulty : Moderate

Average Time : 67 Seconds

**Options :**

1.  $6 : 3 : 5$
2.  $5 : 3 : 6$
3.  $3 : 5 : 6$
4.  $3 : 6 : 5$

**Solution :**

The correct answer is **option 3** i.e.  $3 : 5 : 6$

According to question

$$(a^2 + b^2) : (b^2 + c^2) : (c^2 + a^2) = 34 : 61 : 45$$

$$a^2 + b^2 = 34k \dots\dots\dots(1)$$

$$b^2 + c^2 = 61k \dots\dots\dots(2)$$

$$c^2 + a^2 = 45k \dots\dots\dots(3)$$

Equation 1 + 2 + 3

$$2(a^2 + b^2 + c^2) = 34k + 61k + 45k$$

$$a^2 + b^2 + c^2 = 70k$$

Now using equation 1, 2, 3 we get,



$$a^2 = 9k$$

$$b^2 = 25k$$

$$c^2 = 36k$$

now

$$a : b : c = 3 : 5 : 6$$

**Question 64 :**

In a test, the average score of 52 students is 45. If the highest and the lowest scores (got by only one-one student) are excluded, the average score of the remaining students would decrease by 1. What is the average score of the highest and the lowest scores?

**Difficulty : Moderate****Average Time : 64 Seconds****Options :**

1. 64

2. 65

3. 68

4. 70

**Solution :**

The correct answer is **option 4** i.e. **70**

Average score of 52 students = 45

Sum of score of 52 students =  $45 * 52 = 2340$

Now the highest and the lowest scores are excluded then

Average of remaining 50 students = 44

Sum of remaining 50 students =  $44 * 50 = 2200$

Sum of the highest and the lowest scores =  $2340 - 2200 = 140$

Average of the highest and the lowest scores =  $140/2 = 70$

**Question 65 :**

If 80% of 50% of A is equal to three times 25% of B, then A is what percentage more or less than B?

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

**Options :**

1. 46.7% more
2. 87.5% less
3. 87.5% more
4. 46.7% less

**Solution :**

The correct answer is **option 3** i.e. **87.5% more**

According to the question

$$80\% \text{ of } 50\% \text{ of } A = 3 * 25\% \text{ of } B$$

$$40\% \text{ of } A = 3 * 75\% \text{ of } B$$

$$8 \text{ of } A = 15 \text{ of } B$$

$$A/B = 15/8$$

Now, A is  $(15 - 8) = 7$  more than of B

$$A = (7/8) * 100 \% \text{ more than } B$$

$$A = 87.5\% \text{ more}$$

**Question 66 :**

A certain sum amounts to ₹12,705 in  $2 \frac{1}{2}$  years at 10% p.a. interest compounded annually. What is the compound interest on the same sum for one year at the same rate, if the interest is compounded half-yearly?

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

1. ₹11,025
2. ₹11,100
3. ₹11,050
4. ₹11,000

**Solution :**

The correct answer is **option 1** i.e. **₹11,025**

Let principal = 100

1 year interest 10 % = 10

2 year interest 10 % = 10 + 10 \* 10% = 11

1/2 year interest 5 % = 5 + 20\*5% + 1\*5% = 6.05

Total interest = 10 + 11 + 6.05 = 27.05

Amount = P + C.I = 100 + 27.05 = 127.05

(Amount) 127.05 unit = 12705

(Principle) 100 unit = 10000

Now compounded half yearly then

Rate (r) = 10/2 = 5%

Time (t) = 2 year

1 year interest 5% = 500

2 year interest 5% = 500 + 500 \* 5% = 525

Total interest = 500 + 525 = 1025

**Question 67 :**

A circle is inscribed in an equilateral triangle of side 30 cm. What is the area of the circle (in cm<sup>2</sup>)?

Difficulty : Moderate

Average Time : 50 Seconds

**Options :**

1.  $60\pi$
2.  $45\pi$
3.  $50\pi$
4.  $75\pi$

**Solution :**

The correct answer is **option 4** i.e.  $75\pi$

**Formula used**

Inradius (r) of inscribed circle in an equilateral triangle =  $a/2\sqrt{3}$

where, a is a side of equilateral triangle



**Calculation-**

$$r = 30/(23)$$

$$r = 15/3$$

$$\text{Area of incirbed circle is} = \pi * r^2 = \pi * (15/3)^2 = 75 \pi$$

**Question 68 :**

The marked price of an article is 25% above its cost price. If it is sold for Rs. 480 after a discount of Rs. 60, then the profit percentage is (correct to one decimal place):

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

1. 11.1
2. 12.4
3. 10.8
4. 12.8

**Solution :**

The correct answer is **option 1** i.e. **11.1**

**Formula used**

$$\text{DISCOUNT} = \text{MARKED PRICE (M.P)} - \text{SELLING PRICE ( S.P )}$$

$$\text{PROFIT \%} = [( \text{C.P} - \text{S.P} ) / \text{C.P}] * 100$$

**Calculation**

Let C.P of an article is 100 Rs

$$\text{M.P of an article is } 100 + 25\% * 100 = 125$$

According to the question

$$\text{M.P} = \text{S.P} + \text{DISCOUNT}$$

$$\text{M.P} = 480 + 60 = 540$$

Now we see

$$\text{M.P (125 unit )} = 540$$

$$1 \text{ unit} = 540 / 125$$

$$\text{C.P (100 unit)} = 540 * 4 / 5$$

$$\text{C.P} = 432 \text{ Rs}$$

$$\text{Profit \%} = [(480 - 432) / 432] * 100$$

$$= 11.1 \%$$

**Question 69 :**

The value of  $1 \left( \frac{1}{6} \div \frac{2}{3} \right)$  of  $\frac{7}{8} - \frac{7}{8} \div \frac{5}{6}$  times  $\frac{5}{24} - (3 \frac{7}{60})$  times  $1 \frac{1}{11}$  is:

**Difficulty : Moderate**

**Average Time : 60 Seconds**

**Options :**

1.  $\frac{11}{16}$
2.  $\frac{57}{32}$
3.  $\frac{9}{8}$
4.  $\frac{93}{160}$

**Solution :**

The correct answer is **option 4** i.e.  $\frac{93}{160}$

Given that

$$1 \left( \frac{1}{6} \div \frac{2}{3} \right) \text{ of } \left( \frac{7}{8} - \frac{7}{8} \div \frac{5}{6} \right) \times \left( \frac{5}{24} - (3 \frac{7}{60}) \right) \times 1 \frac{1}{11}$$

$$\left( \frac{7}{6} \div \frac{7}{12} \right) - \frac{7}{8} \times \frac{6}{5} \times \left( \frac{5}{24} - \frac{187}{60} \right) \times \frac{12}{11}$$

$$\left( \frac{7}{6} \times \frac{12}{7} \right) - \frac{7}{32} - \frac{17}{5}$$

$$(2 - \frac{7}{32} - \frac{17}{5})$$

$$\frac{93}{160}$$

**Question 70 :**

When a number is divided by 4, 5, 6 and 9, the remainder in each case is 3. If the number is the smallest 4-digit number, then what is the sum of the digits of the number?

**Difficulty : Moderate**

**Average Time : 63 Seconds**

**Options :**



13

2. 10

3. 12

4. 11

**Solution :**

The correct answer is **option 3** i.e. **12**

Firstly take LCM (4, 5, 6, 9) = 180

Smallest 4 digit no. =  $180 \times 6 + \text{remainder}$

$$= 1080 + 3 = 1083$$

Sum of digit of this no. =  $1 + 0 + 8 + 3 = 12$

**Question 71 :**

In an examination, the number of students that appeared from school A is 20% more than the number of students that appeared from school B. 75% of the students from school B passed. If the total number of students that passed from both schools is 80% more than the number of students that passed from school B, then the percentage of students that passed from school A to those who appeared from school A is:

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

1. 50

2. 60

3. 64

4. 54

**Solution :**

The correct answer is **option 1** i.e. **50**

**According to the question**

Let, The number of student appeared in B = 100

Then The number of student appeared in A = 120



Passed student from B is =  $75\% * 100$

= 75

Total number of student passed from both A and B is =  $75 + 80\% \text{ of } 75 = 135$

Passed student from A =  $135 - 75 = 60$

Required % =  $\left(\frac{60}{120}\right) * 100 = 50\%$

**Question 72 :**

A completes two-third part of a work in 16 days, and the remaining work is completed by B alone. The entire work is completed in 21 days. A and B together will complete 65% of the same work in:

Difficulty : Moderate

Average Time : 54 Seconds

**Options :**

1. 1.5 days
2. 6 days
3. 8 days
4. 4 days

**Solution :**

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

A complete  $\frac{2}{3}$  of work in 16 days

B complete remaining  $\frac{1}{3}$  of work in remaining  $(21-16)= 5$  days

i.e we can say

8 days work of A = 5 days of work B

Efficiency of A and B is 5 & 8 respectively.

Then Total work is =  $15 * 8 = 120$  days

Now A and B together complete 65 % of work =  $(0.65 * 120)/13$

= 6 days

**Question 73 :**

Sumit sells an article at a certain price. Had he sold it at four-fifth of that selling price, he would have lost 10%. If he sells it for 95% of the original selling price, then the gain percentage will be:

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

1.  $6\left(\frac{8}{9}\right)$
2.  $6\left(\frac{7}{8}\right)$
3.  $6\left(\frac{1}{9}\right)$
4.  $6\left(\frac{1}{8}\right)$

**Solution :**

The correct answer is **option 2** i.e.  $6\left(\frac{7}{8}\right)$

Let original S.P is 100 Rs

According to the question

New S.P is  $\left(\frac{4}{5}\right) * 100 = 80$  Rs

Loss is 10 % then original C.P =  $\left(\frac{80}{90}\right) * 100$

C.P =  $800/9$

Now it is selling 95% of original S.P =  $0.95 * 100$

New S.P. = 95 Rs

Now profit % =  $[(\text{new S.P} - \text{C.P})/\text{C.P}] * 100$

$$= \left[ \frac{95 - \left(\frac{800}{9}\right)}{\left(\frac{800}{9}\right)} \right] * 100$$

$$= 55/8 = 6\left(\frac{7}{8}\right)$$

**Question 74 :**

Two trains X and Y start at the same time, X from station A to B and Y from B to A. After passing each other, X and Y take  $8\left(\frac{2}{5}\right)$  hours and  $4\left(\frac{2}{7}\right)$  hours, respectively, to reach their respective destinations. If the speed of X is 50 km/h, then what is the speed (in km/h) of Y?

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

1. 84
2. 56

63

4. 70

**Solution :**The correct answer is **option 4** i.e. **70****Formula used**

$$S_1/S_2 = \text{sqrt}(T_2/T_1)$$

here,  $S_1$  &  $S_2$  are the speed of train X & train Y respectively $T_1$  &  $T_2$  are the time after meeting the trains**Calculations-**

$$50/S_2 = \text{sqrt}\{(30/7)/(42/5)\}$$

$$50/S_2 = 5/7$$

$$S_2 = 70$$

**Question 75 :**

The units digit of a 2-digit number exceeds the tens digit by 3, and the product of the given number and the sum of its digits is 324. The number lies between:

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

1. 30 and 35
2. 45 and 50
3. 35 and 40
4. 40 and 45

**Solution :**The correct answer is **option 3** i.e. **35 and 40**Let a 2 digit no. is  $10x + y$ 

According to the question

$$y = x + 3 \dots \dots \dots (1)$$

$$(10x + y) * (x + y) = 324 \dots\dots\dots(2)$$

Now put the value of y from equation 1 to equation 2

$$(11x + 3) * (2x + 3) = 324$$

Put  $x = 3$  satisfies the equation

$$\text{Then } y = 3 + 3 = 6$$

Hence 2 digit no. is  $10 * 3 + 6 = 36$

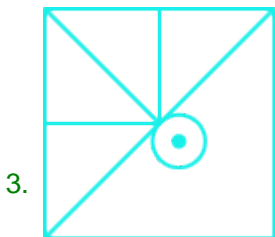
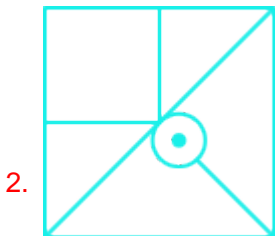
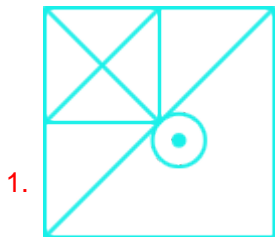
**Question 76 :**

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

**Difficulty : Moderate**

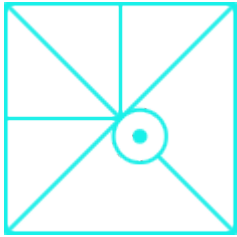
**Average Time : 49 Seconds**

**Options :**

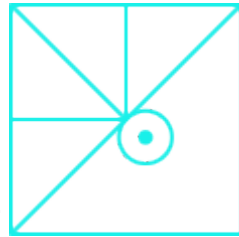


4.





**Solution :**



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

The figure that will complete the pattern:



**Question 77 :**

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

**Difficulty : Moderate**

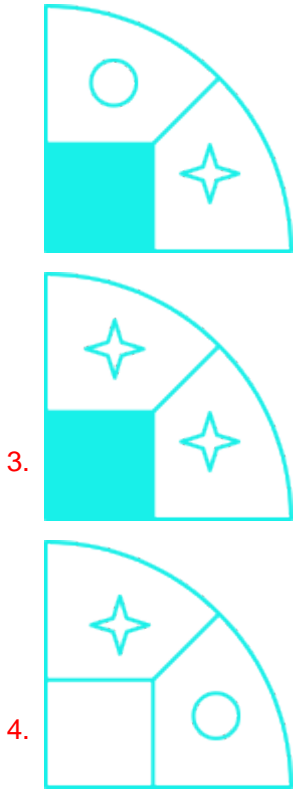
**Average Time : 61 Seconds**

**Options :**



2.





**Solution :**



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

The figure that will complete the pattern:



**Question 78 :**

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

Difficulty : Moderate

Average Time : 61 Seconds

Options :

1. DISCOVEREY
2. YERVOCEID
3. YERVOCEY
4. DISCOVEREY

**Solution :**

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

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.

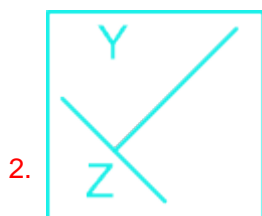
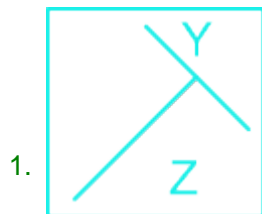
**Question 79 :**

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

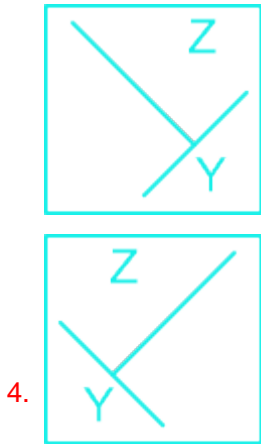
Difficulty : Moderate

Average Time : 70 Seconds

Options :



3.



**Solution :**

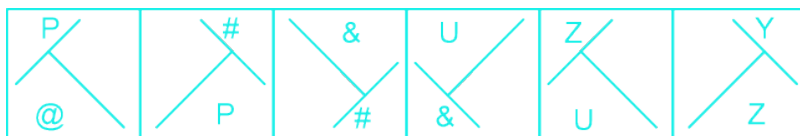


The correct answer is **option 1** i.e.

The logic used here is:

1. The letter is rotating by 90 degrees in the clockwise direction.
2. The symbol at the top is moving to the bottom in the next figure and one new symbol is added at the top position.

The image series:



**Question 80 :**

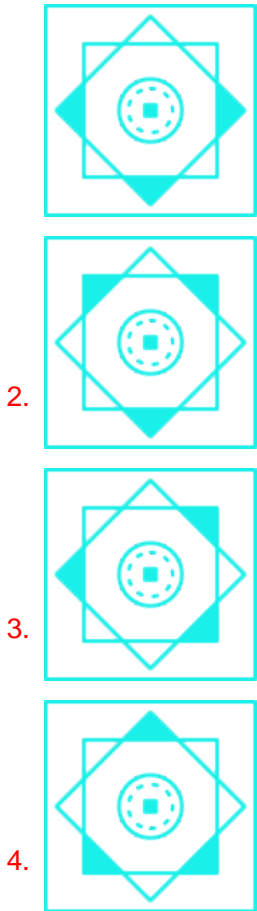
Three of the following four figures are alike in a certain way and one is different. Select the odd one.

**Difficulty : Moderate**

**Average Time : 72 Seconds**

**Options :**

1.



**Solution :**



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

The logic used here is:

In all the figures, two shaded portions are inside the square and one is outside the square.

But, in option 1, all three shaded portions are outside the square.

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

**Question 81 :**

Select the option that is related to the third word in the same way as the second word is related to the first word. Bats:

Screech:: Kangaroos:?

Difficulty : Moderate

Average Time : 69 Seconds

Options :

1. Chatter
2. Snort
3. Chortle
4. Whoop

Solution :

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

The logic used here is:

Bats: Screech

The sound of a bat is called screeching.

Similarly;

Kangaroos:?

The sound of kangaroos is called chortle.

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

**Question 82 :**

If the given figure is folded to form a cube, which number will come opposite to '1'?

Difficulty : Moderate

Average Time : 45 Seconds

Options :

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

Solution :

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

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

3 is opposite to 6.

1 is opposite to 2.

5 is opposite to 4.

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

### Question 83 :

Select the Venn diagram that best illustrates the relationship between the following classes. Carrots, Vegetables, Potato

Difficulty : Moderate

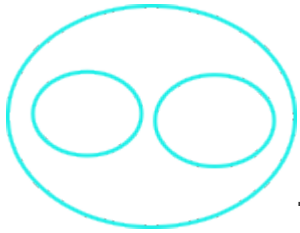
Average Time : 41 Seconds

Options :

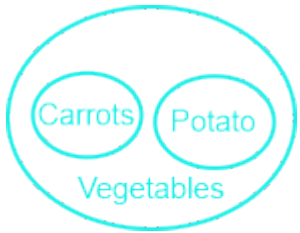
- 1.
- 2.
- 3.
- 4.

Solution :

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



The possible Venn diagram is:



All carrots and potatoes are vegetables.

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

### Question 84 :

Four different positions of the same dice are shown. Select the symbol on the face opposite the face showing '#'.

Difficulty : Moderate

Average Time : 66 Seconds

### Options :

1. x
2. \(\div\)
3. \*
4. %

### Solution :

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

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

Clockwise direction:

Dice 1: % # &

Dice 2: % x #

So, % is opposite to \*.

Anticlockwise direction:

Dice 1: % & #

Dice 2: % # x

So, % is opposite to \*.

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

### Question 85 :

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

Difficulty : Moderate

Average Time : 51 Seconds

Options :



Solution :

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

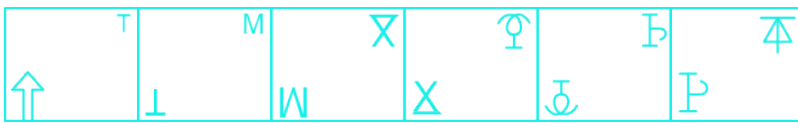




The logic used here is:

The figure at the top right corner is moving to the bottom left corner and is inverted upside down and a new figure is added at the top right corner.

The image series:



**Question 86 :**

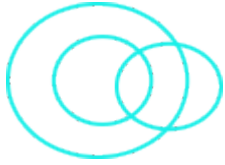
Select the Venn diagram that best illustrates the relationship between the following classes. Jupiter, Moon, Planet

Difficulty : Moderate

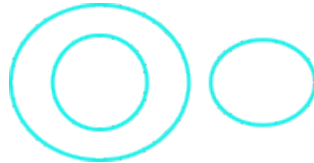
Average Time : 70 Seconds

Options :

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

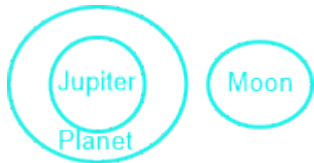


**Solution :**



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

The possible Venn diagram is:



All Jupiter is a planet. Moon is a different class.

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

**Question 87 :**

Which two signs should be interchanged to make the given equation correct?  $7 \times 96 \div 8 + 39 - 25 = 70$

**Difficulty : Moderate**

**Average Time : 67 Seconds**

**Options :**

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

**Solution :**

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

**Given equation:**  $7 \times 96 \div 8 + 39 - 25 = 70$

**Option 1:**  $\times$  and  $\div$

After interchanging the expression becomes:

$$= 7 \div 96 \times 8 + 39 - 25 = 70$$

= 14.58 is not equal to 70.

### Option 2: + and -

After interchanging the expression becomes:

$$= 7 \times 96 \div 8 - 39 + 25 = 70$$

$$= 7 \times 12 - 39 + 25$$

$$= 84 - 39 + 25$$

$$= 70 \text{ is equal to } 70.$$

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

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

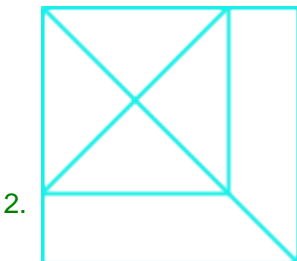
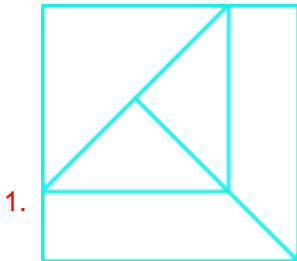
### Question 88 :

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

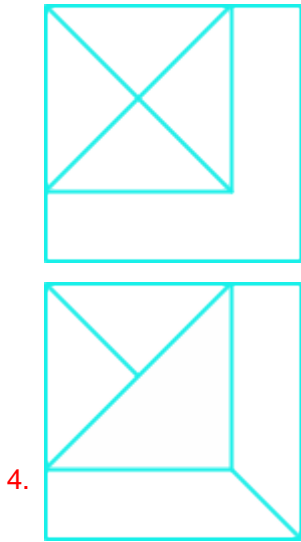
Difficulty : Moderate

Average Time : 63 Seconds

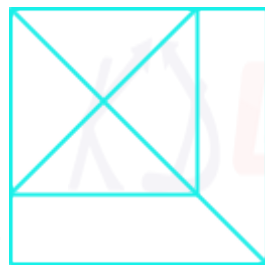
### Options :



3.



**Solution :**



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

The figure that will complete the pattern:



**Question 89 :**

Which number will replace the question mark (?) in the following series? 3, 15, 38, 78, 141, 235, 370, 552, ?

**Difficulty :** Moderate

**Average Time :** 59 Seconds

**Options :**

1. 893
2. 792



892

4. 793

**Solution :**

The correct answer is **option 4** i.e. **793**.

Given series: 3, 15, 38, 78, 141, 235, 370, 552, ?

The series follows this pattern:

So, the next term in the series is **793**.

**Question 90 :**

Select the option that is related to the third number in the same way as the second number is related to the first number. 6 : 24 : 14 : 2

**Difficulty : Moderate****Average Time : 40 Seconds****Options :**

1. 121
2. 76
3. 65
4. 112

**Solution :**

The correct answer is **option 4** i.e. **112**

**Question 91 :**

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

**Difficulty : Moderate****Average Time : 32 Seconds****Options :**

1. Discord
2. Harmony
3. Turmoil

### Chaos

**Solution :**

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

The logic used here is:

Discord means disagreement or argument.

Turmoil means a state of great noise or confusion.

Chaos means a state of great disorder.

Harmony means a state of agreement.

Discord, turmoil, and chaos are synonyms.

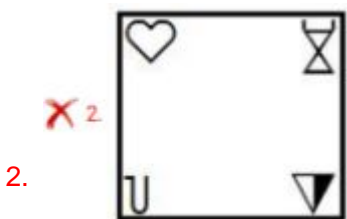
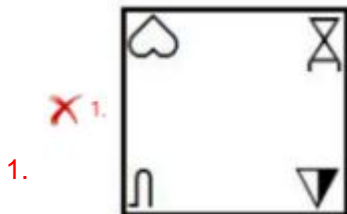
Hence, **option 2** is the odd one out.

**Question 92 :**

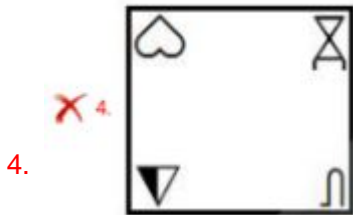
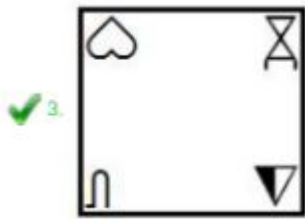
Select the option that is related to Figure D in the same way as Figure A is related to Figure B.

Difficulty : Moderate

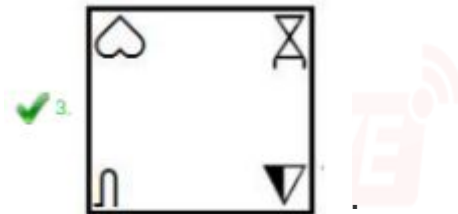
Average Time : 51 Seconds

**Options :**

3.



**Solution :**



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

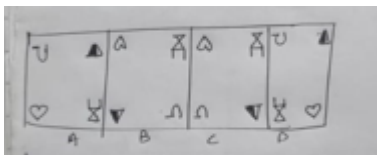
The logic used here is:

Logic between B and A:

1. The figure at the bottom right corner is moving to the top left corner and is inverted upside down.
2. The figure at the bottom left corner is moving to the top right corner and is inverted upside down.
3. The figure at the top right corner is moving to the bottom right corner and is inverted upside down.
4. The figure at the top left corner is moving to the bottom left corner and is inverted upside down.

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

The pattern is:



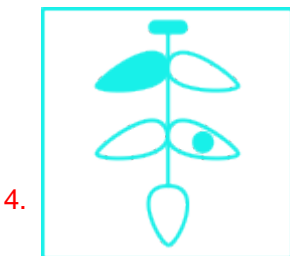
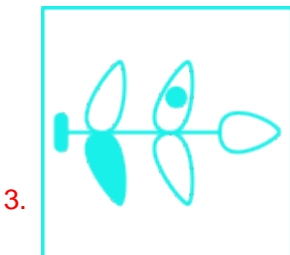
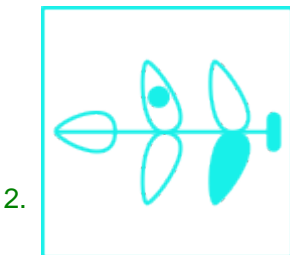
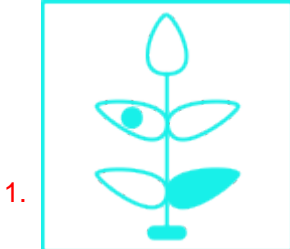
**Question 93 :**

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

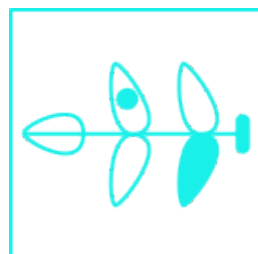
Difficulty : Moderate

Average Time : 93 Seconds

Options :



Solution :



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





The logic used here is:

1. The dot is present on the left side of the top leaf.
2. The shaded leaf is present on the right side of the top leaf.
3. In the top leaf, there is no line present.

In Figure 2, a line is present at the top leaf, the shaded leaf is present on the left side, and the dot is present on the right side.

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

**Question 94 :**

From among the given figures, select the one that is different from the rest.

Difficulty : Moderate

Average Time : 76 Seconds

**Options :**

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

**Solution :**

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

The logic used here is:

1. The whole figure is rotating in a clockwise direction.
2. The line outside the circle should always be on the diamond side.

In Figure C, the line is on the star side.

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

**Question 95 :**

Which number will replace the question mark (?) in the following series? 11, 17, 28, 51, 96, 187, 368, ?

Difficulty : Moderate

Average Time : 45 Seconds

**Options :**

792

2. 713

3. 731

4. 729

**Solution :**

The correct answer is **option 3** i.e. **731**.

Given series: 11, 17, 28, 51, 96, 187, 368,?

The series follows this pattern:

$$11 \times 2 - 5 = 22 - 5 = 17$$

$$17 \times 2 - 6 = 34 - 6 = 28$$

$$28 \times 2 - 5 = 56 - 5 = 51$$

$$51 \times 2 - 6 = 102 - 6 = 96$$

$$96 \times 2 - 5 = 192 - 5 = 187$$

$$187 \times 2 - 6 = 374 - 6 = 368$$

$$368 \times 2 - 5 = 736 - 5 = 731$$

So, the next term in the series is **731**.

**Question 96 :**

If VERSION is coded as 1712121621225 and TEARFUL is coded as 15189154223, then how will LOCALITY be coded?

**Difficulty : Moderate**

**Average Time : 49 Seconds**

**Options :**

1. 1231511292025

2. 281769401215

3. 1215311292025

4. 281712940189

**Solution :**

The correct answer is **option 4** i.e. **281712940189**.



The logic used here is:

VERSION is coded as 1712121621225

First, reverse the word.

VERSION = NOISREV

$$N + 3 = 14 + 3 = 17$$

$$O - 3 = 15 - 3 = 12$$

$$I + 3 = 9 + 3 = 12$$

$$S - 3 = 19 - 3 = 16$$

$$R + 3 = 18 + 3 = 21$$

$$E - 3 = 5 - 3 = 2$$

$$V + 3 = 22 + 3 = 25$$

TEARFUL is coded as 15189154223

TEARFUL = LUFRAET

$$T + 3 = 20 + 3 = 23$$

$$E - 3 = 5 - 3 = 2$$

$$A + 3 = 1 + 3 = 4$$

$$R - 3 = 18 - 3 = 15$$

$$F + 3 = 6 + 3 = 9$$

$$U - 3 = 21 - 3 = 18$$

$$L + 3 = 12 + 3 = 15$$

Similarly;

Code for the word LOCALITY:

LOCALITY = YTILACOL

$$Y + 3 = 25 + 3 = 28$$

$$T - 3 = 20 - 3 = 17$$

$$I + 3 = 9 + 3 = 12$$

$$L - 3 = 12 - 3 = 9$$

$$A + 3 = 1 + 3 = 4$$

$$C - 3 = 3 - 3 = 0$$

$$O + 3 = 15 + 3 = 18$$

$$L - 3 = 12 - 3 = 9$$

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

**Question 97 :**

Aravind and Biswanath start at the same time from their hostel and go to the ground with speeds of 30 km/h and 60 km/h, respectively. If Aravind takes 20 minutes longer than Biswanath to reach the ground, then find the distance between their hostel and the ground.

**Difficulty : Moderate**

**Average Time : 80 Seconds**

**Options :**

1. 28 km
2. 34 km
3. 40 km
4. 20 km

**Solution :**

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

Speed of Aravind = 30km/hr

Speed of Biswanath = 60km/hr

Let the time taken by Biswanath = x hour

Therefore the time taken by Aravind = x + 20min = (x + 1/3)hour

Let, the distance between the hostel and the ground = d km

For Aravind distance = d = 30 × (x + 1/3) = 30x + 10

For Biswanath distance = d = 60x

According to the question;

$$30x + 10x = 60$$

$x = 1/3$  hour

So, the distance between the hostel and the ground =  $d$  km =  $60 \times (1/3) = 20$ km

**Question 98 :**

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

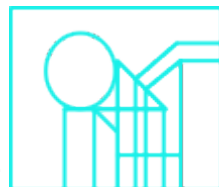
Difficulty : Moderate

Average Time : 56 Seconds

Options :



Solution :



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

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



### Question 99 :

Select the set in which the numbers are related similarly to those of the following set. (11, 19,59)

Difficulty : Moderate

Average Time : 61 Seconds

### Options :

1. (4, 5, 13)
2. (7, 16, 53)
3. (8, 13, 41)
4. (9, 15, 43)

### Solution :

The correct answer is **option 3** i.e. (8, 13, 41).

The logic used here is:

(11, 19,59)

$$11 + 19 = 30$$

$$30 \times 2 - 1 = 60 - 1 = 59$$

Similarly;

(8, 13, 41)

$$8 + 13 = 21$$

$$21 \times 2 - 1 = 42 - 1 = 41$$

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

### Question 100 :

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 : 43 Seconds

### Options :

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

**Solution :**



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

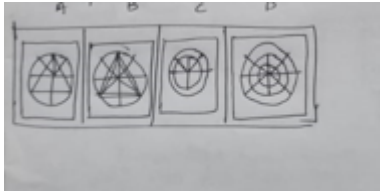
The logic used here is:

Figure A and B:

The inner figure inside the circle i.e. the triangle is drawn once again inside the inner figure and the lines are extended to touch the new figure.

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

The pattern is:



## Delhi Police Constable Tier 1 Previous Year Question Paper Analysis

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

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

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

### Quantitative Aptitude

1. Logarithm - 15

### General Awareness

1. Art And Culture - 50

### Computer Knowledge



- Internet - 3
- Shortcut Keys - 1
- MS Office - 6

## Logical Reasoning

- Coding Decoding - 1
- Analogy - 2
- Classification - 2
- Venn Diagrams - 2
- Figure Based - 10
- Series - 2
- Mathematical Reasoning - 2
- Cubes And Dice - 2
- Seating Arrangement And Puzzle - 2

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



- Try to solve Delhi Police Constable Tier 1 Previous Year Question Paper without taking any help from the solutions.
- 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.
- 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.