

# 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 2020-12-09 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 :

Who among the following is best known for his market regulation policy?

Difficulty : Moderate

Average Time : 41 Seconds

### Options :

1. Nasiruddin Mahmud
2. Razia Sultan
3. Iltutmish
4. Alauddin Khilji

### Solution :

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

- Alauddin Khilji has the best market regulation policy .
- He appointed a special officer for collecting revenue called Mustakhraja.
- He appointed an officer called diwan-i- riyasat who controls the market regulation policy.
- He fixed the land revenue and standardised the units of measurement.

### Question 2 :

\_\_\_\_\_ is the concentration of a toxin at successively higher levels in a food chain.



Difficulty : Moderate

Average Time : 47 Seconds

Options :

1. Biodillution
2. Biosynthesis
3. Biomagnification
4. Biosolution

Solution :

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

- Biomagnification is the increase in levels of toxicity and contamination with the increase in levels of food chains and food web.
- As the phytoplanktons and zooplanktons are at the lowest levels at the food chain , therefore if the contamination is started from these organisms then it will reach at a significant value at the topmost level of the food chain i.e. humans.

Question 3 :

Who among the following is a Rajiv Gandhi Khel Ratna Awardee for the year 2020?

Difficulty : Moderate

Average Time : 50 Seconds

Options :

1. Virat Kohli
2. Bajrang Punia
3. Manika Batra
4. Deepa Malik

Solution :

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

- Manika Batra is the female table tennis player .
- She is currently at the rank 39 in the IITF as of May 2023.
- She is the awardee of the Rajiv Gandhi Khel Ratna in 2020.
- Other than Manika Batra , Rohit Sharma , Rani Rampal, Vinesh Phogat won this award.

Question 4 :

The Economic Survey of 2019-20 revolves around the theme of enabling markets, promoting 'pro-business' policies and



strengthening \_\_\_\_\_ in the economy.

Difficulty : Moderate

Average Time : 49 Seconds

Options :

1. reputation
2. capital
3. zeal
4. trust

Solution :

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

- The Economic Survey of 2019-20 revolves around the theme of enabling markets, promoting 'pro-business' policies and strengthening trust in the economy.
- Smt. Nirmala sitharaman , Minister of Finance and Corporate Affairs proposed this economic survey.

Question 5 :

Which of the following passes joins the Jammu Division with the Kashmir Valley?

Difficulty : Moderate

Average Time : 42 Seconds

Options :

1. Bomdila
2. Jelep
3. Diphu
4. Banihal

Solution :

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

- Banihal Pass is the pass that joins the Jammu division with the kashmir valley .
- This pass is located i Pir Panjal range .
- It connects Srinagar with Kargil and Leh.

Question 6 :

Which of the following books is not written by Bhavbhuti?

Difficulty : Moderate

Average Time : 40 Seconds

Options :

1. Uttaramcharita
2. Maltimadhav
3. Ramcharitam
4. Mahavircharita

Solution :

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

- Ramcharitam is a book in Sanskrit language .
- It is written by Sandhyakar Nandi.
- Bhavbhuti was a Sanskrit poet and his important works include- Uttaramacharita, Maltimadhava and Mahavircharita.

Question 7 :

The Sanchi Stupa was discovered by \_\_\_\_\_ in 1818.

Difficulty : Moderate

Average Time : 38 Seconds

Options :

1. James Prinsep
2. John Marshall
3. James Burgess
4. Sir Henry Taylor

Solution :

The correct answer is **option 4** i.e. **Sir Henry Taylor**.

- Sir Henry Taylor Discovered the Sanchi Stupa , which is at a distance of 45 kms approx. from the city of Bhopal in Madhya Pradesh.
- Later, in 1919 Sir John Marshall established the Archaeological museum in the Stupa.
- It is the largest stupa at this site and one of the oldest monuments representing the Buddhist culture.

Question 8 :

Who cures the diseases related to lungs ?



Difficulty : Moderate

Average Time : 48 Seconds

Options :

1. Hematologist
2. Pulmonologist
3. Dermatologist
4. Anaesthesiologist

Solution :

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

- Pulmonologist is the doctor who treats the diseases related to respiratory system.
- The respiratory system includes lungs , trachea , wind pipe , nose throat, blood vessels.

Question 9 :

The Constituent Assembly of India was formed in \_\_\_\_\_.

Difficulty : Moderate

Average Time : 38 Seconds

Options :

1. 1947
2. 1948
3. 1946
4. 1945

Solution :

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

- The formation of the Constituent Assembly takes place in 1946.
- The formation of Constituent Assembly was proposed under the Cabinet Mission Plan in 1946.
- Its first meeting takes place on December 9, 1946 .
- Dr.Sacchidanand Sinha was the first President of the Constituent Assembly .

Question 10 :

As on August 2020, the Government of India does NOT announce the Minimum Support Price for which of the following crops?



Difficulty : Moderate

Average Time : 45 Seconds

Options :

1. Groundnut
2. Paddy
3. Flax seeds
4. Ragi

Solution :

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

- The MSP (Minimum Support Price ) is the guaranteed price provided to the farmers for a particular crop.
- Every crop's MSP is different as decided by the government at the beginning of every sowing season.
- Some of the crops which have MSP provided are - wheat, paddy, maize, tur, gram groundnut , soyabean ,etc.

Question 11 :

Which among the following is NOT a tennis grand slam tournament?

Difficulty : Moderate

Average Time : 47 Seconds

Options :

1. US Open
2. South African Open
3. French Open
4. Wimbledon

Solution :

The correct answer is **option 2** i.e. **South African Open**.

- Tennis grand slams tournaments include -
  - Wimbledon
  - French Open
  - US Open
  - Australian Open
- South African open is the golf tournament .

Question 12 :

According to which article of the Constitution of India, shall the state NOT deny to any person, equality before the law or

equal protection of the laws?

Difficulty : Moderate

Average Time : 47 Seconds

Options :

1. Article 44
2. Article 32
3. Article 16
4. Article 14

Solution :

The correct answer is **option 4** i.e. **Article 14**.

- The Right to Equality constitutes the Article 14 to 18 .
- Article 14 state that -no person shall be denied the right to equality before law or the equal protection of law in the territory of India and can be claimed by any person, whether a citizen or a non-citizen, on Indian soil.

Question 13 :

Who among the following was the leader of 'Paika Rebellion' of 1817?

Difficulty : Moderate

Average Time : 45 Seconds

Options :

1. Bakshi Jagabandhu Bidyadhara
2. Veer Surendra Sai
3. Baba Ram Singh
4. Tirath Singh

Solution :

The correct answer is **option 1** i.e. **Bakshi Jagabandhu Bidyadhara**.

- The Paika Rebellion takes place in 1817 due to the improper handling of revenue system by the Britishers in 1803.
- It is also known as the first war of Independence.
- Bakshi Jagadbandhu Bidyadhara was the military chief of King of Khurda.

Question 14 :

Taj Trapezium Zone (TTZ) is a defined area of \_\_\_\_\_ km<sup>2</sup> around the Taj Mahal to protect the monument from pollution.



Difficulty : Moderate

Average Time : 47 Seconds

Options :

1. 10,400
2. 12,700
3. 10,200
4. 12,000

Solution :

The correct answer is **option 1** i.e. **10,400 sq.km** .

- The Taj Trapezium Zone is constituted by the Central Government under the Environment (Protection) Act, 1986.
- The area is stretched under the 10,400sq. km.
- This zone is looked like the shape of trapezium from above therefore, it is called TTZ ( Taj Trapezium Zone ).
- It includes three World heritage sites - Taj Mahal, Agra Fort , Fatehpur Sikri.

Question 15 :

The Ganapati festival was introduced by \_\_\_\_\_ in 1893.

Difficulty : Moderate

Average Time : 46 Seconds

Options :

1. Bal Gangadhar Tilak
2. Chandrasekhar Azad
3. Lala Lajpat Rai
4. Bipin Chandra Pal

Solution :

The correct answer is **option 1** i.e. **Bal Gangadhar Tilak**.

- Bal Gangadhar Tilak has played an important role in the Indian Independence.
- He started the Ganapati festival celebrations and also started Shivaji festival.
- He also started two newspapers Kesari and The Maratha.

Question 16 :

Which of the following places is also known as 'Cape Comorin'?



Difficulty : Moderate

Average Time : 44 Seconds

Options :

1. Konkan Coast
2. Khajuraho
3. Gulf of Khambat
4. Kanyakumari

Solution :

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

- The southernmost point of Cardamom Hills is called Kanyakumari .
- Kanyakumari is also known as Cape Comorin.
- Cape means- land infiltrated into the sea and Comorin - the old name of Kanyakumari. Therefore , the name is Cape Comorin.

Question 17 :

S. Jaishankar is the author of which of the following books?

Difficulty : Moderate

Average Time : 44 Seconds

Options :

1. Kashmir's untold story: Declassification
2. Making of New India
3. The India Way: Strategies for an Uncertain World
4. Sapiens - A Brief History of Humankind

Solution :

The correct answer is **option 3** i.e. **The India Way: Strategies for an Uncertain World**.

- S.Jaishankar is the External Affairs Minister in the current Indian Government .
- The India Way: Strategies for an Uncertain World book is published by Harper Collins India publications in the year 2020.
- Ajay Bisaria- Ambassador of India in Canada.
- Taranjit Singh Sandhu- Ambassador of India in USA.

Question 18 :

The Index of Industrial Production is computed and published by the Central Statistical Organisation on a \_\_\_\_\_ basis.



Difficulty : Moderate

Average Time : 54 Seconds

Options :

1. monthly
2. half-yearly
3. quarterly
4. yearly

Solution :

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

- The IIP(Index Of Industrial Production) represents the growth rate of different industries in a month which ultimately contributes to the economy .
- Published by Central Statistical Office every month.
- Different industries are classified in different categories - broad sectors, use based sectors, etc.

Question 19 :

Which of the following industrial cities is in Rajasthan?

Difficulty : Moderate

Average Time : 44 Seconds

Options :

1. Bhagalpur
2. Bhabua
3. Bellary
4. Beawar

Solution :

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

- Beawar is the largest producer of cement in North - india.
- The city has reserves of various minerals like feldspar, quartz, calcite , mica, emerald,asbestos, granite, etc.
- This city has various industries like - machine based, mineral based , wooden, cement , pipes , etc

Question 20 :

\_\_\_\_\_ Schedule of the Constitution of India deals with the names of the states and their territorial jurisdiction.



Difficulty : Moderate

Average Time : 46 Seconds

Options :

1. First
2. Second
3. Third
4. Fourth

Solution :

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

- Schedules in the Indian Constitution are classified which gives extra information that is not present in the articles.
- There are total 12 schedules in the Indian Constitution.
- The first schedule of the Constitution deals with the names of the states and their territorial jurisdiction.

Question 21 :

\_\_\_\_\_ is related to football.

Difficulty : Moderate

Average Time : 42 Seconds

Options :

1. Ranji Trophy
2. Santosh Trophy
3. Duleep Trophy
4. Irani Cup

Solution :

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

- The Santosh trophy, an Indian football tournament , associated with the game of football .
- It is held annually since 1941 in which 31 teams participate in different groups.
- Different states or government institutions participated in this tournament .

Question 22 :

In the context of Interim Government (1946) of India, who among the following was holding the portfolio of 'Finance'?

Difficulty : Moderate

Average Time : 45 Seconds

### Options :

1. Jogendra Nath Mandal
2. Liaquat Ali Khan
3. John Mathai
4. Jagjivan Ram

### Solution :

The correct answer is **option 2** i.e. **Liaquat Ali Khan**.

- Interim government is headed by Jawahar Lal Nehru ( Vice President, External Affairs and Commonwealth relations).
- Dr. Rajendra Prasad - President, Agriculture and Food .
- Jogendra Nath - Law Minister .
- Liaquat Ali Khan- Finance Minister.

### Question 23 :

Which among the following is NOT a characteristic of the image of an object formed by a plane mirror?

Difficulty : Moderate

Average Time : 46 Seconds

### Options :

1. Erect image
2. Laterally inverted image
3. Virtual image
4. Same size object

### Solution :

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

- Characteristics of the image formed by a plane mirror-
  - Virtual
  - Erect
  - Same size as of the object
  - Laterally inverted
  - Distance of the image from the mirror is same as the distance of the object from the mirror.

### Question 24 :

Which of the following pairs is INCORRECT?

Difficulty : Moderate

Average Time : 46 Seconds

Options :

1. Junagarh Fort - Karnataka
2. Mehrangarh Fort - Rajasthan
3. Mehrangarh Fort - Rajasthan
4. Asirgarh Fort - Madhya Pradesh

Solution :

The correct answer is **option 1** i.e. **Junagarh Fort - Karnataka**.

- Junagarh Fort is located in the Bikaner city of Rajasthan.
- Karnataka have various forts located like - Gulbarga Fort , Kittur Fort, Bidar Fort, etc.

Question 25 :

\_\_\_\_\_ is a festival for the worship of food grains in Western Odisha.

Difficulty : Moderate

Average Time : 43 Seconds

Options :

1. Sonam Lasor
2. Pongal
3. Onam
4. Nuakhai

Solution :

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

- Nuakhai Parab or Nuakhai Bhetghat is the festival celebrated in the western Odisha to welcome new crops of the new season.
- Nua means - new and Khai means - to eat i.e. eating the new food grains , rice .

Question 26 :

\_\_\_\_\_ is a festival for the worship of food grains in Western Odisha.

Difficulty : Moderate

Average Time : 40 Seconds

Options :

1.  $\frac{1}{2} \times \frac{3}{4} = \frac{3}{8}$
2.  $\frac{1}{2} \times \frac{3}{4} = \frac{3}{8}$
3.  $\frac{1}{2} \times \frac{3}{4} = \frac{3}{8}$
4.  $\frac{1}{2} \times \frac{3}{4} = \frac{3}{8}$

Solution :

The correct answer is **option 2** i.e.  $\frac{1}{2} \times \frac{3}{4} = \frac{3}{8}$

Question 27 :

Which of the following caves contains an inscription of King Kharavela?

Difficulty : Moderate

Average Time : 29 Seconds

Options :

1. Rosaigumpha
2. Hathigumpha
3. Ranigumpha
4. Sarpagumpha

Solution :

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

- Kharavela is the king of Southern India of Cheti dynasty.
- His inscriptions can be found at the Hathigumpha caves .
- He was a follower of Jainism.

Question 28 :

Which of the following hill stations is located in the Dhauladhar Range?

Difficulty : Moderate

Average Time : 40 Seconds

Options :

1. Dalhousie



Kalimpong

3. Gulmarg

4. Nainital

**Solution :**

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

- Dalhousie is located in the Dhauladhar range of Himalayas.
- It is a part of lesser Himalayas .
- Hanuman Tibba is the highest peak of this range .

**Question 29 :**

With reference to the 'Discus Throw' event, what is the weight of a metal disc for women?

Difficulty : Moderate

Average Time : 41 Seconds

**Options :**

1. 2.5 kg
2. 1 kg
3. 3 kg
4. 2 kg

**Solution :**

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

- Discus throw come under the Track and field event.
- Weight of metal disc is 2kg for men and 1 kg for men.

**Question 30 :**

The name of Begum Akhtar is mainly associated with which of the following?

Difficulty : Moderate

Average Time : 38 Seconds

**Options :**

1. Dhrupad
2. Thumri
3. Hori



### Tappa

**Solution :**

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

- Thumri is a romantic and erotic style of singing .
- It is called -" the lyric of Indian classical music "
- Thumri originates mainly from Eastern parts of the Uttar Pradesh , particularly from Lucknow and Benaras .
- Gauhar Jan , Begum Akhtar , Noor Jehan , Prabha Akhtar are prominent names in this field.

**Question 31 :**

Bhadravati, situated in Karnataka, is primarily famous for its \_\_\_\_\_.

**Difficulty : Moderate**

**Average Time : 46 Seconds**

**Options :**

1. oil field
2. iron and steel plant
3. cotton textile mill
4. nuclear power station

**Solution :**

The correct answer is **option 2** i.e. **iron and steel plant**.

- Near Baba Budan Hills along with Bhadra river , city of Bhadravati is located .
- Bhadravati is rich in iron , limestone and manganese deposits.
- Therefore , a lot of iron and steel plants are located in this city.

**Question 32 :**

Who among the following is the first woman to be appointed as the Director General of Bureau of Civil Aviation Security?

**Difficulty : Moderate**

**Average Time : 47 Seconds**

**Options :**

1. Usha Padhee
2. Durga Shakti Nagpal
3. Aruna Sundararajan
4. Archana Ramasundaram



**Solution :**

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

- Usha Padhee is the IAS of batch of 1996 of Odisha cadre
- She is the first women to serve as the Director General of Bureau of Civil Aviation Security. .
- She replaced Rakesh Asthana for the position of Director General of Bureau of Civil Aviation Security.

**Question 33 :**

ଅମଳାପୁରୀରୁ ଉତ୍ପତ୍ତି ହୋଇଥିବା ଉପରୋକ୍ତ ନଦୀଗୁଡ଼ିକ ମଧ୍ୟରେ ଯାହାର ଉତ୍ତମ ଉତ୍ସ ଉତ୍କଳ ପର୍ବତମାଳାରେ ଥାଏ ତାହା କେଉଁଟି? ଉପରୋକ୍ତ ନଦୀଗୁଡ଼ିକ ମଧ୍ୟରେ ଯାହାର ଉତ୍ତମ ଉତ୍ସ ଉତ୍କଳ ପର୍ବତମାଳାରେ ଥାଏ ତାହା କେଉଁଟି? ଉପରୋକ୍ତ ନଦୀଗୁଡ଼ିକ ମଧ୍ୟରେ ଯାହାର ଉତ୍ତମ ଉତ୍ସ ଉତ୍କଳ ପର୍ବତମାଳାରେ ଥାଏ ତାହା କେଉଁଟି?

Difficulty : Moderate

Average Time : 43 Seconds

**Options :**

1. ଉତ୍କଳ ପର୍ବତମାଳାରେ ଉତ୍ପତ୍ତି ହୋଇଥିବା ଉପରୋକ୍ତ ନଦୀଗୁଡ଼ିକ ମଧ୍ୟରେ ଯାହାର ଉତ୍ତମ ଉତ୍ସ ଉତ୍କଳ ପର୍ବତମାଳାରେ ଥାଏ ତାହା କେଉଁଟି?
2. ଉତ୍କଳ ପର୍ବତମାଳାରେ ଉତ୍ପତ୍ତି ହୋଇଥିବା ଉପରୋକ୍ତ ନଦୀଗୁଡ଼ିକ ମଧ୍ୟରେ ଯାହାର ଉତ୍ତମ ଉତ୍ସ ଉତ୍କଳ ପର୍ବତମାଳାରେ ଥାଏ ତାହା କେଉଁଟି?
3. ଉତ୍କଳ ପର୍ବତମାଳାରେ ଉତ୍ପତ୍ତି ହୋଇଥିବା ଉପରୋକ୍ତ ନଦୀଗୁଡ଼ିକ ମଧ୍ୟରେ ଯାହାର ଉତ୍ତମ ଉତ୍ସ ଉତ୍କଳ ପର୍ବତମାଳାରେ ଥାଏ ତାହା କେଉଁଟି?
4. ଉତ୍କଳ ପର୍ବତମାଳାରେ ଉତ୍ପତ୍ତି ହୋଇଥିବା ଉପରୋକ୍ତ ନଦୀଗୁଡ଼ିକ ମଧ୍ୟରେ ଯାହାର ଉତ୍ତମ ଉତ୍ସ ଉତ୍କଳ ପର୍ବତମାଳାରେ ଥାଏ ତାହା କେଉଁଟି?

**Solution :**

The correct answer is **option 2** i.e. **ଉତ୍କଳ ପର୍ବତମାଳାରେ ଉତ୍ପତ୍ତି ହୋଇଥିବା ଉପରୋକ୍ତ ନଦୀଗୁଡ଼ିକ ମଧ୍ୟରେ ଯାହାର ଉତ୍ତମ ଉତ୍ସ ଉତ୍କଳ ପର୍ବତମାଳାରେ ଥାଏ ତାହା କେଉଁଟି?**

**Question 34 :**

Which of the following rivers originate from the Vindhya Range?

Difficulty : Moderate

Average Time : 29 Seconds

**Options :**

1. Betwa
2. Kaveri
3. Chenab
4. Gomati

**Solution :**

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

- Vindhya range has th elevation of 300 to 650 m.





- It acts as a watershed between the Ganga system and southern rivers .
- Chambal, Betwa and Ken are the rivers originated from Vindhya range.
  - Betwa river flows in Madhya Pradesh ad Uttar Pradesh.

### Question 35 :

Which of the following was a major event of the year 1919?

Difficulty : Moderate

Average Time : 44 Seconds

### Options :

1. Passing of the Rowlatt Act
2. Formation of Swaraj Party
3. Signing of Gandhi-Irwin Pact
4. Launch of Non-Cooperation Movement

### Solution :

The correct answer is **option 1** i.e. **Passing of the Rowlatt Act.**

- Passing of Rowlatt Act is one of the major events in 1919.
- In 1919, a Sedition Committee headed by Justice Rowlatt led to the Rowlatt Act.
- It was passed during the time of Lord Chelmsford.
- Jallianwala Bagh Massacare also take place in the year of 1919.

### Question 36 :

The India-Sri Lanka Commercial Free Trade Agreement was signed in \_\_\_\_\_.

Difficulty : Moderate

Average Time : 49 Seconds

### Options :

1. 1998
2. 2005
3. 12015
4. 2000

### Solution :

The correct answer is **option 1** i.e. **1998.**

- The first bilateral free trade agreement between India and Sri Lanka was signed on 28th December, 1998.



It marked a historical milestone of the commercial relations between India and Pakistan.

- This agreement came into affect in 1st March,2000.

**Question 37 :**

As of August 2020, which of the following is a regional political party?

Difficulty : Moderate

Average Time : 42 Seconds

**Options :**

1. All India Trinamool Congress
2. Communist Party of India (M)
3. Communist Party of India
4. Aam Aadmi Party

**Solution :**

The correct answer is **option 4** i.e. **Aam Aadmi Party**.

- Political parties in our country is of two types -
  - National Party
  - State/ Regional party
- As of August 2020, Aam Aadmi Party was a Regional political party .
- On 10th April, 2023 Aam Aadmi Party was granted the status of National political party.
- This political party is now ruling in the state of Punjab and Dellhi.

**Question 38 :**

With reference to the investment schemes of India, what does the second 'P' stand for in 'PPF'?

Difficulty : Moderate

Average Time : 54 Seconds

**Options :**

1. Prudent
2. Programme
3. Provident
4. Price

**Solution :**

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



Public Provident Fund was introduced in India in 1968.

- To mobilise small savings in the form of investment - objective of PPF.
- This scheme is run by the Government of India.

**Question 39 :**

Which of the following was set up in 2005 through a notification on recommendations of the Rangarajan Commission?

Difficulty : Moderate

Average Time : 42 Seconds

**Options :**

1. Finance Commission
2. Food Corporation of India
3. NITI Aayog
4. National Statistical Commission

**Solution :**

The correct answer is **option 4** i.e. **National Statistical Commission**.

- National Statistical Commission was set up in the January 2000 .
- This Commission was chaired by Dr. C. Rangarajan.
- The report was submitted to the Government by Dr. Rangarajan in 2001.
- Its function is to review the statistical system and extends the Official statistics of the nation.

**Question 40 :**

Who among the following built the city of Tughlaqabad?

Difficulty : Moderate

Average Time : 47 Seconds

**Options :**

1. Tughluq Khan
2. Muhammad bin Tughlaq
3. Firuz Shah Tughlaq
4. Ghiyasuddin Tughlaq

**Solution :**

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

- Ghiyasuddin Tughlaq is the founder of Tughlaq Dynasty .



He is also known as the Ghazi Malik. He started the barter system.

- He established the city of Tughlaqabad near Delhi and established the Tughlaqabad as his capital .

### Question 41 :

Hindustani Socialist Republican Association was established in 1928, in \_\_\_\_\_.

Difficulty : Moderate

Average Time : 43 Seconds

### Options :

1. Delhi
2. Bengal
3. Madras
4. Punjab

### Solution :

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

- Hindustani Socialist Republican Association was established in Delhi in 1928 by Bhagat Singh.
- Previously, it was known as the Hindustan Republican Army.
- Along with Bhagat Singh , other founders of the party are Ram Prasad Bismil, Sachindra Nath Bakshi, Sachindranath Sanyal and Jogish Chandra Chatterjee.

### Question 42 :

Which among the following is a semiconductor?

Difficulty : Moderate

Average Time : 43 Seconds

### Options :

1. Mercury
2. Germanium
3. Aluminium
4. Nickel

### Solution :

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

- All the other options given are metals - Aluminium, Nickel and Mercury .
- Silicon, Germanium are the semiconductors .

These are the elements having the properties of both metals and non metals and therefore widely used in the formation of diodes.

**Question 43 :**

In \_\_\_\_\_, the first Republic India banknotes were issued in the denominations of ₹12, ₹15, ₹10 and ₹100.

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

1. 1950
2. 1951
3. 1949
4. 1952

**Solution :**

The correct answer is **option 1** i.e. **1950**.

- In 1950, the new notes on INR 2,5,10 and 100 were introduced in the country.
- RBI (Reserve Bank of India) has the right to issue the banknotes in the country.
- RBI was established in the year 1935 by the RBI Act, 1934.

**Question 44 :**

The famous Kesavananda Bharati (1973) case was associated with which of the following issues?

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

1. Appointment of the judges of the Supreme Court
2. Creation of Goa as a State
3. Amenability of the Preamble
4. Abolition of Directive Principles of State Policy

**Solution :**

The correct answer is **option 3** i.e. **Amenability of the Preamble**.

- The Kesavananda Bharati and Ors v/s the State of Kerala case was the case of 1973.
- Kesavananda Bharati challenged the Kerala state land reforms legislation in 1970.
- Under Article 26 the case was challenged.

Under Golaknath Case - 1967- Preamble was not a part of the Constitution.

**Question 45 :**

\_\_\_\_\_ of a country is a systematic statement of all economic transactions of a country with the rest of the world during a specific period typically a year.

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

1. Balance of Payment
2. Reverse Repo Rate
3. Gross Primary Deficit
4. Gross Fiscal Deficit

**Solution :**

The correct answer is **option 1** i.e. **Balance of Payment**.

- Difference between Value of goods exported and the value of goods imported per annum is known as Balance of Payments.
- Services are excluded from this Balance of Payment .

**Question 46 :**

\_\_\_\_\_ is a systematic statement of all economic transactions of a country with the rest of the world during a specific period typically a year.

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

1. Balance of Payment
2. Reverse Repo Rate
3. Gross Primary Deficit
4. Gross Fiscal Deficit

**Solution :**

The correct answer is **option 2** i.e. **Reverse Repo Rate**.

**Question 47 :**

The 'Nine Degree Channel' is associated with which of the following?



Difficulty : Moderate

Average Time : 29 Seconds

Options :

1. Indo-China Border
2. Coastal Odisha
3. Lakshadweep Island
4. Andaman and Nicobar Islands

Solution :

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

- It lies on 9 degree line of latitude , north of equator.
- The Nine Degree Channel is located in the Indian Ocean .
- It separated the Lakshadweep Islands from the Minicoy Island.

Question 48 :

Which gas is used in electrically controlled advertisement signboards so as to enable readability of its contents during the night?

Difficulty : Moderate

Average Time : 45 Seconds

Options :

1. Neon
2. Helium
3. Krypton
4. Nitrogen

Solution :

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

- Neon lights are visible in the dark because it contains the neon gas under low pressure.
- Neon is an inert gas and electricity provides energy to ionise neon and therefore the sign glows.
- The atom gets excited and then came to ground state and then releases light.

Question 49 :

Prime Minister Narendra Modi took part in the 2019 BRICS Summit held at:





Difficulty : Moderate

Average Time : 45 Seconds

Options :

1. Bishkek
2. Brasilia
3. Bangkok
4. Osaka

Solution :

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

- It was 11th BRICS Summit .
- It was held in Brasilia, Brazil.
- The theme for this summit was - Economic Growth for an Innovative Future.

Question 50 :

Rashtriya Ekta Diwas in India is dedicated to \_\_\_\_\_.

Difficulty : Moderate

Average Time : 38 Seconds

Options :

1. Indira Gandhi
2. Sardar Vallabhbhai Patel
3. Zakir Hussain
4. Atal Bihari Vajpayee

Solution :

The correct answer is **option 2** i.e. **Sardar Vallabhbhai Patel**.

- National Unity Day or Rashtriya Ekta Diwas was celebrated on 31st January every year.
- This day was celebrated to pay tribute to Sardar Vallabhbhai Patel.
- Atal bihari Bajpayee's birthday 25 December is celebrated as Good Governance Day every year.
- Indira Gandhi's birthday , 19th November is celebrated as National Integration Day.

Question 51 :

What is the maximum height of a row in MS Excel 2010?



Difficulty : Moderate

Average Time : 49 Seconds

Options :

1. 255 points
2. 100 points
3. 409 points
4. 128 points

Solution :

The correct answer is **option 3** i.e. **409 points**

Question 52 :

Pick the odd one out.

Difficulty : Moderate

Average Time : 29 Seconds

Options :

1. Internet Explorer
2. Safari
3. Mozilla
4. File Explorer

Solution :

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

Internet Explorer, Safari, and Mozilla are web search engines.

File Explorer is not a web search engine.

Web search engines find the web pages that match a web search.

Question 53 :

In MS Excel 2010, a cell may display '\_\_\_\_\_' if that cell contains a number or a date and the width of its column cannot display all the characters that its format requires.

Difficulty : Moderate

Average Time : 46 Seconds

Options :

#####

2. \*\*###

3. \*\*\*\*\*

4. \$\$\$\$\$

### Solution :

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

In MS Excel 2010, a cell may display '#####' if that cell contains a number or a date and the width of its column cannot display all the characters that its format requires.

It usually occurs when the cell contains a number or a date and the width of its column cannot display all the characters that its format requires.

### Question 54 :

Which of the following keyboard shortcuts is used to run Spelling and Grammar Check in MS Word 2010?

Difficulty : Moderate

Average Time : 48 Seconds

### Options :

1. F2

2. F7

3. F1

4. F9

### Solution :

The correct answer is **option 2** i.e. F7.

**F7:** Used to run Spelling and Grammar Check in MS Word 2010.

**F2:** Move the selected content to a specific location.

**F1:** Displays the Word help panel.

**F9:** Updates all fields contained in the current selection.

### Question 55 :

What is the value of the following MS Excel formula? =SUMSQ(1, 2, 3, 4)

Difficulty : Moderate

Average Time : 45 Seconds



### Options :

1. 10
2. 34
3. 30
4. 24

### Solution :

The correct answer is **option 3** i.e. **30**.

Given formula =SUMSQ(1, 2, 3, 4)

SUMSQ returns the sum of the squares of the arguments.

=SUMSQ(1, 2, 3, 4)

= 1 + 4 + 9 + 16 = 30

### Question 56 :

Which of the following keyboard shortcuts is used for closing an MS Word 2010 document?

Difficulty : Moderate

Average Time : 37 Seconds

### Options :

1. Ctrl + E
2. Ctrl + W
3. Ctrl + N
4. Ctrl + O

### Solution :

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

**Ctrl + W**: Used for closing an MS Word 2010 document.

**Ctrl + E**: Used to align the line to the center of the screen.

**Ctrl + N**: Used to open a new document window.

**Ctrl + O**: Used to open the dialog box for selecting a file to open.

### Question 57 :

Match the following domain name extensions with their respective definitions. 1) .gov A) Government agencies 2) .org B)

Network organisations 3) .edu C) Non-profit organisations 4) .net D) Educational organisations

Difficulty : Moderate

Average Time : 53 Seconds

Options :

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

Solution :

The correct answer is **option 4** i.e. **1-A, 2-C, 3-D, 4-B**

- .gov - This domain extension is reserved for government agencies. It is used exclusively by various levels of government, such as federal, state, and local government entities. Websites with .gov domain names typically provide official and authoritative information related to government services, policies, and initiatives. These domains are closely regulated to ensure their authenticity and trustworthiness.
- .org - Originally intended for non-profit organizations, .org domain extensions are now available for a broader range of organizations and entities. However, they are still commonly used by non-profit organizations, charitable foundations, and various advocacy groups. .org websites often focus on social, humanitarian, and philanthropic causes.
- .edu - The .edu domain extension is dedicated to educational institutions, including universities, colleges, and schools. It is reserved for institutions that offer academic and educational programs. Websites with .edu domains typically host information about academic programs, faculty, research, and campus resources. This extension is highly respected and recognized within the academic community.
- .net - Originally created for network-related organizations, the .net domain extension has evolved to include a wide range of entities. While it was initially associated with internet infrastructure and networking services, it is now used by businesses, technology companies, and individuals. .net websites may include a variety of content, but they often relate to technology, networking, or online services.

Question 58 :

The option of Spell Check can be selected from the \_\_\_\_\_ tab in MS Excel 2007.

Difficulty : Moderate

Average Time : 94 Seconds

Options :

1. Review
2. Help



## Formula

### 4. File

#### Solution :

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

The option of Spell Check can be selected from the **review** tab in MS Excel 2007.

Alt+R: Open the Review tab and check spellings.

Alt + M: Open the Formulas tab and insert, trace, and customize functions.

Alt+F: Opens the File menu.

#### Question 59 :

In MS Word, Ctrl + R is used to align the text to the \_\_\_\_\_ of the screen.

Difficulty : Moderate

Average Time : 47 Seconds

#### Options :

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

#### Solution :

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

In MS Word, Ctrl + R is used to align the text to the **right** of the screen.

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

#### Question 60 :

To add a watermark in MS Word 2010 document, one has to click on the '\_\_\_\_\_' tab and then select the 'Watermark' option provided in the '\_\_\_\_\_' group.

Difficulty : Moderate

Average Time : 45 Seconds

#### Options :

Page Layout, Page Background

2. View, Page Background
3. Layout, Page Background
4. Insert, Page Background

**Solution :**

The correct answer is **option 1** i.e. **Page Layout, Page Background.**

To add a watermark in MS Word 2010 document, one has to click on the '**Page Layout**' tab and then select the 'Watermark' option provided in the '**Page Background**' group.

Alt + P = Used to go to the Page Layout tab.

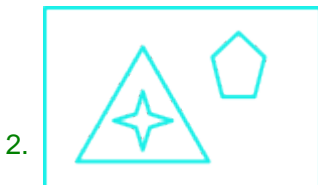
**Question 61 :**

Select the option that is related to Figure 3 in the same way as Figure 2 is related to Figure 1.

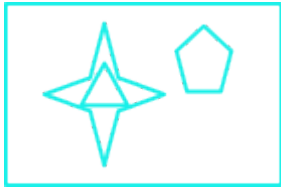
**Difficulty : Moderate**

**Average Time : 50 Seconds**

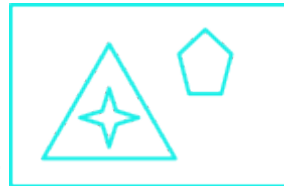
**Options :**



4.



**Solution :**



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

The logic used here is:

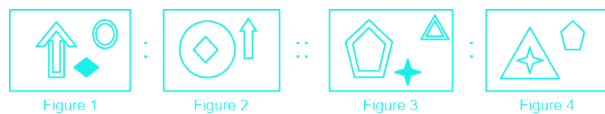
Logic between Figure 1 and Figure 2:

1. The inner arrow moves to the place of the circle.
2. The outer circle moves to the place of the arrow.
3. The shaded quadrilateral moves inside the circle and is unshaded.

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

1. The inner pentagon moves to the place of the triangle.
2. The outer triangle moves to the place of the pentagon.
3. The shaded star moves inside the pentagon and is unshaded.

The pattern is:



**Question 62 :**

Select the option that can replace the question mark (?) in the following series. 6, 11, 33, 65, 141, ?

**Difficulty : Moderate**

**Average Time : 85 Seconds**

**Options :**

1. 278
2. 281



321

4. 192

**Solution :**

The correct answer is **option 2** i.e. **281**.

Given series: 6, 11, 33, 65, 141, ?

The series follows this pattern:

$$6 \times 2 - 1 = 12 - 1 = 11$$

$$11 \times 2 + 11 = 22 + 11 = 33$$

$$33 \times 2 - 1 = 66 - 1 = 65$$

$$65 \times 2 + 11 = 130 + 11 = 141$$

$$141 \times 2 - 1 = 282 - 1 = 281$$

So, the next term in the series is **281**.

**Question 63 :**

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

**Difficulty : Moderate**

**Average Time : 46 Seconds**

**Options :**

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

**Solution :**



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

The logic used here is:

Logic between Figure 1 and Figure 2:

The figure is inverted upside down.

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

The pattern is:



**Question 64 :**

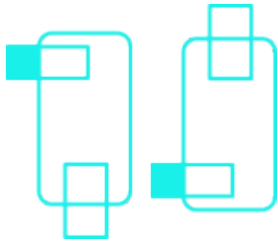
Three of the following four figures are alike in a certain way and one is different. Select the odd one.

**Difficulty : Moderate**

**Average Time : 70 Seconds**

**Options :**

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



**Solution :**



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

The logic used here is:

The second image is the mirror image of the first image.

For example: Option 2

In option 1, the second image is not the mirror image of the first image.

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

**Question 65 :**

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

**Difficulty : Moderate**

**Average Time : 69 Seconds**

**Options :**

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

**Solution :**

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

The logic used here is:

All figures are closed ones, but in option 1, i.e. in figure B, the figure is not closed.

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

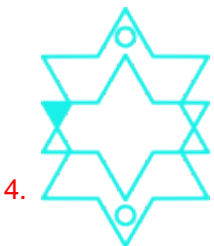
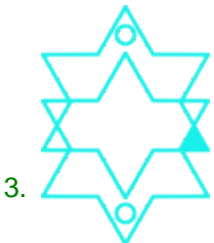
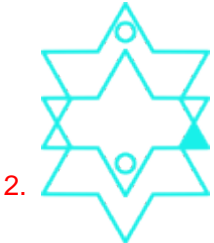
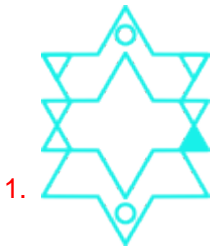
**Question 66 :**

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

**Difficulty : Moderate**

**Average Time : 41 Seconds**

**Options :**



**Solution :**

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



The logic used here is:

1. There are four triangles formed by the intersection of the squares, so, at each step, one triangle will be shaded starting from the bottom left position.
2. In the second figure, the circle and the square are moved inside the central star. In the third figure, the position of the circle and square is interchanged. In the fourth figure, both the figures will be moved to the outer figure, i.e. square will be at the top and the circle will be at the bottom.

The image series:



Fig. 1



Fig. 2



Fig. 3



Fig. 4

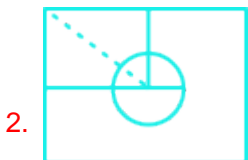
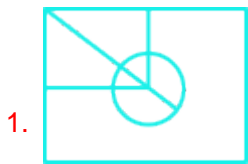
**Question 67 :**

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

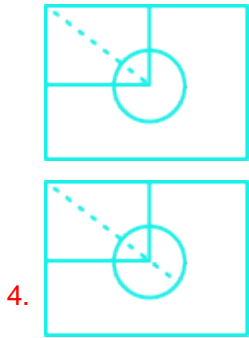
Difficulty : Moderate

Average Time : 85 Seconds

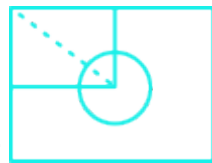
Options :



3.

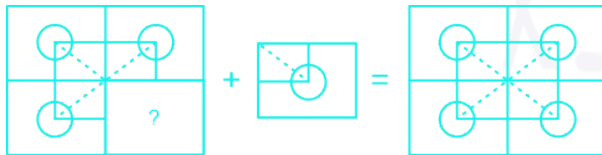


**Solution :**



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

The figure that will complete the pattern:



**Question 68 :**

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

**Difficulty :** Moderate

**Average Time :** 62 Seconds

**Options :**

1. Carton
2. Kit
3. Sack
4. Drawer

**Solution :**

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

The logic used here is:

Cartons, Kits, and Sacks are used for storing things and is used for transporting things in them from one place to another.

The drawer is only used to store things and cannot be used for transporting.

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

**Question 69 :**

Select the option that can replace the question mark (?) in the following series. 2, 56, 91, 136, 176, 212, ?

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

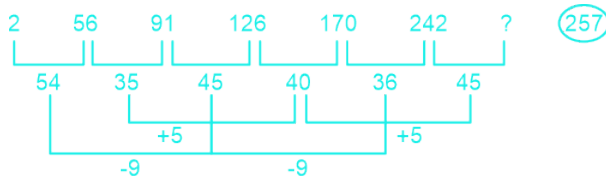
1. 257
2. 252
3. 260
4. 275

**Solution :**

The correct answer is **option 1** i.e. **257**.

Given series: 2, 56, 91, 136, 176, 212, ?

The series follows this pattern:



So, the missing term in the series is **257**.

**Question 70 :**

A shopkeeper bought 10 pieces of a type of refrigerator, each at 27,000. He sold 5 pieces at 20%, 3 at 10%, and the rest at 5% more than the price he bought them at. What was the net profit (in ) for the shopkeeper on the whole transaction?

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

1. 27,000
2. 41,960
3. 37,800



35,000

**Solution :**

The correct answer is **option 3** i.e. **37,800**.

Cost price of 10 pieces =  $10 \times 27000 = 270000$

S.P of one piece that he sold at 20% more than the price =

$27000 + 27000 \text{ of } 20\% = 32400$

So, S.P of 5 pieces =  $32400 \times 5 = 162000$

S.P of one piece that he sold at 10% more than the price =

$27000 + 27000 \text{ of } 10\% = 29700$

So, S.P of 3 pieces =  $29700 \times 3 = 89100$

S.P of one piece that he sold at 5% more than the price =

$27000 + 27000 \text{ of } 5\% = 28350$

So, S.P of remaining pieces i.e. 2 pieces =  $28350 \times 2 = 56700$

Total S.P =  $162000 + 89100 + 56700 = 307800$

As the selling price is greater than the cost price, the shopkeepers incur a loss.

Profit = S.P - C.P =  $307800 - 270000 = \text{Rs. } 37800$

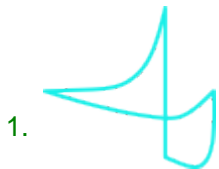
**Question 71 :**

Select the option figure in which the given figure is embedded (rotation is allowed).

Difficulty : Moderate

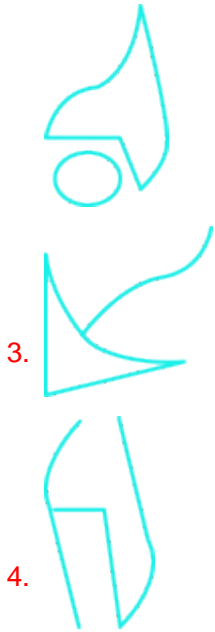
Average Time : 65 Seconds

Options :



2.





**Solution :**



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

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



**Question 72 :**

Two different positions of the same dice are shown, the six faces of which are marked as: 'Yes', 'No', 'If', 'It', 'In', and 'Is'. Select the word on the face opposite to the face showing "Yes".

**Difficulty : Moderate**

**Average Time : 67 Seconds**

**Options :**

1. In

2. It

No

4. Is

**Solution :**

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

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

Clockwise direction:

Dice 1: Yes If No

Dice 2: Yes It Is

So, Yes is opposite to In.

Anticlockwise direction:

Dice 1: Yes No If

Dice 2: Yes Is It

So, Yes is opposite to In.

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

**Question 73 :**

Select the option figure in which the given figure is embedded (rotation is allowed).

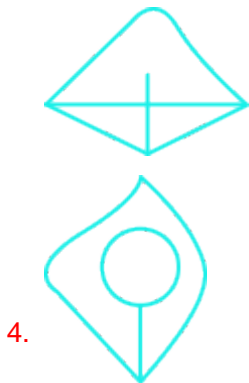
Difficulty : Moderate

Average Time : 52 Seconds

**Options :**



3.



**Solution :**



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

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



**Question 74 :**

An open dice is given below. Find the total obtained by adding the numbers written on faces 3 and 4 and the numbers written on their opposite faces.

**Difficulty : Moderate**

**Average Time : 64 Seconds**

**Options :**

- 1. 7
- 2. 12
- 3. 15
- 4. 14

**Solution :**

The correct answer is **Option 3** i.e. **15**

In the dice, opposite faces are opposite to each other:



1 - 5

3 - 6

4 - 2

So, the sum of 3 and 4 and their opposites are =  $3 + 6 + 4 + 2 = 15$

Hence, the correct answer is **15**.

**Question 75 :**

Which two signs should be interchanged to make the given equation correct?  $3 - 36 \times 9 \div 3 + 12 = 3$

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

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

**Solution :**

The correct answer is **option 3** i.e. + and  $\times$ .

**Given equation:**  $3 - 36 \times 9 \div 3 + 12 = 3$

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

After interchanging the expression becomes:

$$= 3 - 36 + 9 \div 3 \times 12 = 3$$

$$= 3 - 36 + 3 \times 12$$

$$= 3 - 36 + 36$$

$$= 3 \text{ is equal to } 3.$$

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

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

**Question 76 :**

Study the given pattern carefully and select the number that can replace the question mark (?) in it. 6 12 21 19 49 85 3 4 ?



Difficulty : Moderate

Average Time : 54 Seconds

Options :

1. 9
2. 7
3. 4
4. 6

Solution :

The correct answer is **option 3** i.e. 4.

The logic used here is:

Column 1:

$$6 \times 3 + 1 = 18 + 1 = 19$$

Column 2:

$$12 \times 4 + 1 = 48 + 1 = 49$$

Column 3:

$$21 \times a + 1 = 85$$

$$21 \times a = 84$$

$$a = 4$$

Question 77 :

Select the option that is related to the third term in the same way as the second term is related to the first term. Lawless: Delinquent:: Juvenile:?

Difficulty : Moderate

Average Time : 45 Seconds

Options :

1. Resourceful
2. Mature
3. Intelligent
4. Childish

### Solution :

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

The logic used here is:

Lawless: Delinquent

Delinquent means to behave badly and often break the law.

Lawless means breaking the law.

Both are synonyms.

Similarly;

Juvenile:?

Juvenile means behaving like somebody of a younger age.

Childish means like a child.

Both are synonyms.

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

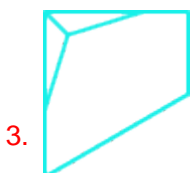
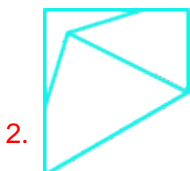
### Question 78 :

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

Difficulty : Moderate

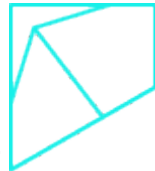
Average Time : 53 Seconds

### Options :



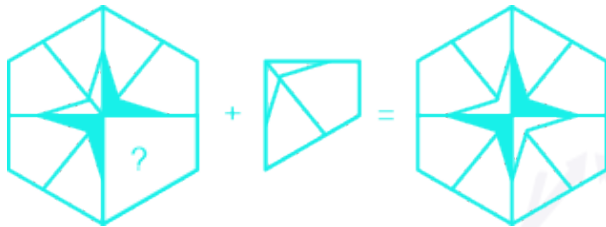


**Solution :**



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

The figure that will complete the pattern:



**Question 79 :**

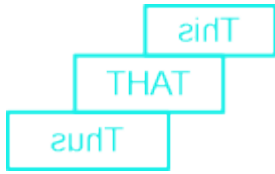
Select the correct mirror image of the given figure when the mirror is placed on the right side of the figure.

**Difficulty : Moderate**

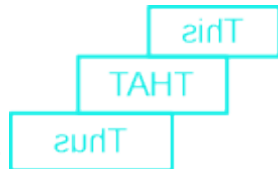
**Average Time : 62 Seconds**

**Options :**

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

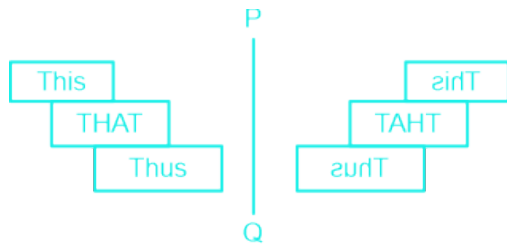


**Solution :**



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

The mirror image of the question figure is shown below:



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

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

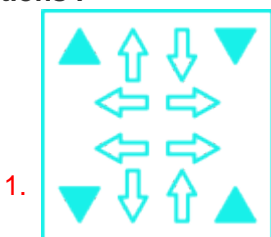
**Question 80 :**

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

**Difficulty : Moderate**

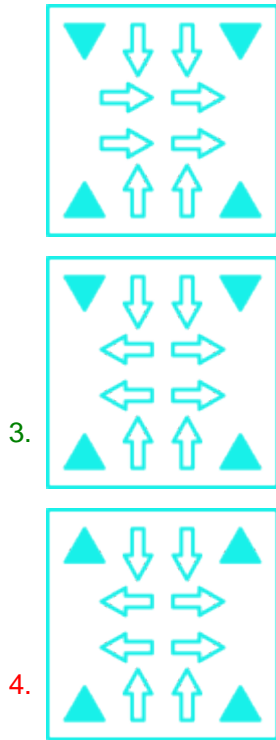
**Average Time : 71 Seconds**

**Options :**

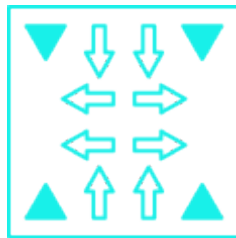


2.



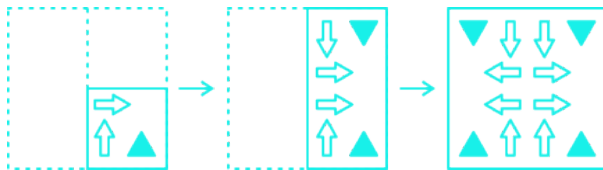


**Solution :**



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

After unfolding, the paper will appear as follows:



**Question 81 :**

In a certain code language, 'CHART' is written as 'TRACH', and 'CLOSE' is written as 'ESOCL'. How will 'WORLD' be written in the same code language?

**Difficulty : Moderate**

**Average Time : 63 Seconds**

**Options :**

1. DLROW

2. DLRWD

3. DLRWO

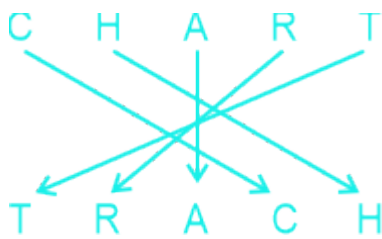
4. OLRDW

**Solution :**

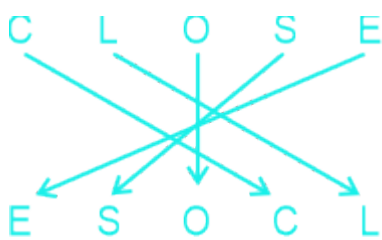
The correct answer is **option 3** i.e. **DLRWO**.

The logic used here is:

'CHART' is written as 'TRACH'

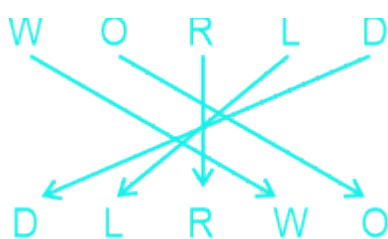


'CLOSE' is written as 'ESOCL'



Similarly;

**Code for the word WORLD:**



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

**Question 82 :**

Select the option in which the two numbers share the same relationship as that shared by the given number-pair. 14: 45

Difficulty : Moderate

Average Time : 59 Seconds

Options :

1. 9: 63
2. 26: 80
3. 15: 44
4. 17: 54

Solution :

The correct answer is **option 4** i.e. **17: 54**.

The logic used here is:

14: 45

$$14 \times 3 + 3 = 42 + 3 = 45$$

Similarly;

17: 54

$$17 \times 3 + 3 = 51 + 3 = 54$$

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

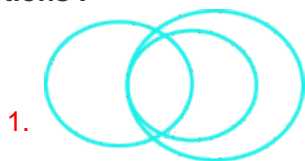
**Question 83 :**

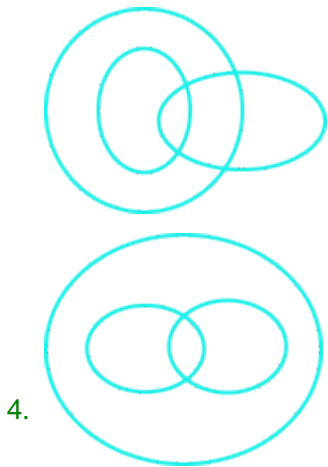
Select the Venn diagram that best illustrates the relationship among the following classes. Information, News, History

Difficulty : Moderate

Average Time : 40 Seconds

Options :



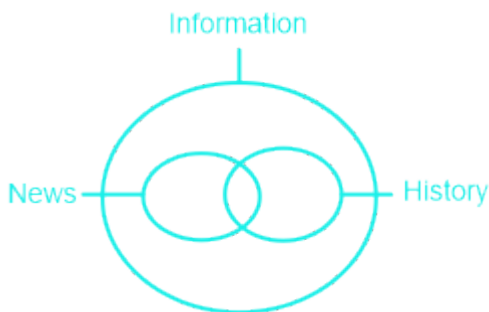


**Solution :**



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

The possible Venn diagram is:



Some news are history. All news and history are information.

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

**Question 84 :**

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

**Difficulty :** Moderate

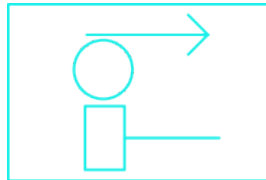
**Average Time :** 65 Seconds

**Options :**

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



**Solution :**



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

The logic used here is:

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

The image series:



**Question 85 :**

Select the Venn diagram that best illustrates the relationship among the following classes. Paper, Craft, Art

**Difficulty :** Moderate

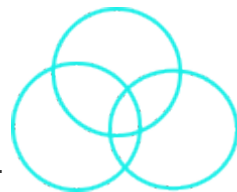
**Average Time :** 64 Seconds

**Options :**

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

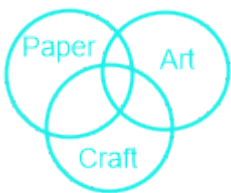


**Solution :**



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

The possible Venn diagram is:



Some paper is art. Some paper is craft. Some art is craft.

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

**Question 86 :**

Let  $x$  be the greatest number of 4 digits which, when divided by 16, 28, 40 and 48, leaves remainder 11 in each case. What is the sum of the digits of  $x$ ?



Difficulty : Moderate

Average Time : 69 Seconds

Options :

1. 17
2. 13
3. 14
4. 18

Solution :

The correct answer is **option 3** i.e. 14

Given that

x be the greatest no. of 4 digit

First of all we take LCM (16, 28, 40, 48) = 1680

$x = 1680 \times 5 + \text{remainder} = 8400 + 11 = 8411$

Hence,

The sum of number =  $8 + 4 + 1 + 1 = 14$

**Question 87 :**

The diameter of a circular garden is 140 m. Its area is equal to a rectangular field whose sides are in the ratio 11 : 7. The perimeter (in m) of the rectangular field is (take  $(\pi = \frac{22}{7})$ ):

Difficulty : Moderate

Average Time : 45 Seconds

Options :

1. 360 2
2. 180 2
3. 120 2
4. 270 2

Solution :

The correct answer is **option 1** i.e. 360 2

Given that

Sides of the rectangular field =  $11x, 7x$

The radius of circular garden  $r = 140/2 = 70$  m

According to the question

Area of circular garden = Area of the rectangular field

$$(22/7) * r^2 = 11x * 7x$$

$$x^2 = 70^2 * 2/49$$

$$x = 102$$

Hence perimeter of rectangle =  $2(11x + 7x) = 36x = 36 * 102 = 3602$  m

**Question 88 :**

A sum of ₹1,23,808 is divided between A, B, C, and D such that the ratio of the shares of A and B is 8:9, that of B and C is 3: 5, and that of C and D is 1: 2. What is the share of B?

**Difficulty : Moderate**

**Average Time : 60 Seconds**

**Options :**

1. 3,456
2. 3,264
3. 3,072
4. 3,546

**Solution :**

The correct answer is **option 1** i.e. **3,456**

Given that

The ratio of the shares of A and B = 8: 9

The ratio of the shares of B and C = 3: 5

The ratio of the shares of C and D = 1: 2

Combined ratio of A, B, C, and D

= 8: 9: 15: 30





Hence, the share of B =  $23808 * (9/62) = \hat{a},13456$

**Question 89 :**

A and B together can do a certain work in 20 days, B and C together can do it in 30 days, and C and A together can do it in 24 days. B alone will complete (2/3)part of the same work:

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

1. 20 days
2. 16 days
3. 24 days
4. 32 days

**Solution :**

The correct answer is **option 4** i.e. **32 days**

Given that

A and B together can do a certain work = 20 days

B and C together can do the same work = 30 days

C and A together can do the same work = 24 days

Now, total work = LCM ( 20, 30, 24) = 120

Efficiency of A and B, B and C, and C and A together = 6, 4, 5

$2(A + B + C) = 15$  units

$A + B + C = 15/2 = 7.5$  units

Now, the Efficiency of B = 2.5 units

B alone will complete (2/3) part of the same work =  $120*(2/3)/2.5 = 32$  days

**Question 90 :**

Remu gives 10% of an amount to Sushma, 20% of the remaining to Rekha, 50% of the remaining to Surbhi, and 40% of the remaining to Avni. Now, if a sum of 2,700 is left with her, then the amount paid to Avni is:

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

**Options :**

1. Rs. 1,500
2. Rs. 2,000
3. Rs. 1,200
4. Rs. 1,800

**Solution :**

The correct answer is **option 4** i.e. **Rs. 1,800**

Let Remu have an amount of x Rs

According to the question

$$x * (9/10) * (4/5) * (1/2) * (3/5) = \text{left amount} = 2700$$

$$x = 12500$$

$$\text{Now the amount to be paid by Avni} = 12500 * (9/10) * (4/5) * (1/2) * (2/5) = 1800 \text{ Rs}$$

**Question 91 :**

The income of A is 125% more than the income of B, and the income of C is 60% less than the total income of A and B. By what percentage is the income of C less than that of A (correct to one decimal place)?

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

1. 46.9
2. 73.1
3. 40.8
4. 42.2

**Solution :**

The correct answer is **option 4** i.e. **42.2**

Let the value of B be 100

$$\text{then the value of A} = 100 + 125 = 225$$

$$\text{Now the value of C} = 0.4 * 325 = 130$$

The value of C is  $(225 - 130) = 95$  less than the value of A



Hence, the required % =  $(95/225) * 100 = 42.2$

**Question 92 :**

A certain sum amounts to  $\hat{a},^{12,672}$  after 4 years and to  $\hat{a},^{15,744}$  after 8 years at the same rate percent p.a. at simple interest. The simple interest on the same sum at 10% p.a for  $3(\frac{1}{3})$  years will be:

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

1. Rs. 3,350
2. Rs. 3,000
3. Rs. 3,240
4. Rs. 3,200

**Solution :**

The correct answer is **option 4** i.e. **Rs. 3,200**

Given that

A certain sum amounts to  $\hat{a},^{12,672}$  after 4 years and to  $\hat{a},^{15,744}$  after 8 years at the same rate percent p.a.

The interest of 4 years =  $15744 - 12672 = \text{Rs } 3072$

Now,

Principal amount P = Amount - Interest =  $12672 - 3072 = \text{Rs } 9600$

S.I. =  $(P \times R \times T)/100$ , where P = Principal, R = Rate of Interest in % per annum, and T = Time

S.I =  $(9600 \times 10 \times 10/3)/100 = \text{Rs } 3200$

**Question 93 :**

A certain sum amounts to  $\hat{a},^{16,655}$  at 10% p.a. in 3 years. The same sum will amount to x at double the earlier rate in 2  $(\frac{1}{2})$  years if the interest is compounded annually in both cases. What is the value of x?

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

1. 7200
2. 7920
3. 7500



8640

**Solution :**

The correct answer is **option 2** i.e. **7920**

Given that

The rate of interest = 10% pa compounded annually

Time = 3 years

Let sum = 10 units then amount = 11 units after 1 year at 10% pa

For 3 years Amount will be 1331 units

1331 units = 6655 Rs

Principal amount (1000 units) =  $(6655/1331) \times 1000 = 5000$  Rs

Now the rate of interest = 20% and time =  $2 \frac{1}{2}$  years

For 2 years successive rate =  $20 + 20 + (20 \times 20/100) = 44\%$

For next  $\frac{1}{2}$  year rate = 10%

then net successive rate for  $2 \frac{1}{2}$  years =  $44 + 10 + (44 \times 10/100) = 58.4\%$

Hence, the required amount  $x = 5000 \times 1.584 = 7920$  Rs

**Question 94 :**

If the radius of a right circular cone is decreased by 20% and its height is increased by 60%, then its volume:

**Difficulty : Moderate**

**Average Time : 59 Seconds**

**Options :**

1. increases by 2.4%
2. increases by 4.2%
3. decreases by 2.5%
4. decreases by 4%

**Solution :**

The correct answer is **option 1** i.e. **increases by 2.4%**

Given that



The radius of a cone  $R = 0.8 r$

The height of the cone  $H = 1.6 h$

Then the volume of the cone =  $\frac{1}{3} \pi r R^2 H$

$V = 0.8 \times 0.8 \times 1.6 \times \text{original volume (v)}$

$V = 1.024 v$

Hence, The volume increases by 2.4%

**Question 95 :**

Poorv bought 26 kg of apples for 2,340. He sold them at a profit equal to the selling price of 6 kg of apples. The selling price of apples per kg, was:

**Difficulty : Moderate**

**Average Time : 52 Seconds**

**Options :**

1. Rs. 110
2. Rs. 105
3. Rs. 117
4. Rs. 112

**Solution :**

The correct answer is **option 3** i.e. **Rs. 117**

Given that

Cost price CP of 26 kg = 2340 Rs

CP of 1 kg =  $2340/26 = 90$  Rs

Profit of selling 26 kg = selling price of 6 kg

$26 \text{ SP} - 26 \text{ CP} = 6 \text{ SP}$

$20 \text{ SP} = 26 \text{ CP}$

SP: CP = 13: 10

Selling Prices of apples =  $(90/10) * 13 = 117$  Rs

**Question 96 :**

An article marked at 560 is sold at 20% discount. If there is a profit of 40%, then what is the cost price (in) of the article?



Difficulty : Moderate

Average Time : 47 Seconds

Options :

1. 320
2. 400
3. 350
4. 280

Solution :

The correct answer is **option 1** i.e. **320**

Given that

The marked price of an article MP = 560 Rs

Discount % D= 20%

Profit % P = 40%

Formula used

Cost price CP =  $MP * (100 - D)/(100 + P) = 560 * (80/140) = 320$  Rs

Question 97 :

The average weight of students in a class is 49 kg. Five new students are admitted in the class whose weights are 45 kg, 46.8 kg, 47.4 kg, 54.2 kg and 63.6 kg. Now, the average weight of all the students in the class is 50 kg. The number of students in the class in the beginning was:

Difficulty : Moderate

Average Time : 49 Seconds

Options :

1. 10
2. 12
3. 8
4. 7

Solution :

The correct answer is **option 4** i.e. **7**

Let the number of students initially be x

The sum of the weight of students in a class =  $49x$

According to the question

Now, five new students come to the class total students =  $x + 5$

The sum of the weight of students in a class =  $49x + 45 + 46.8 + 47.4 + 54.2 + 63.6$

$$= 49x + 257$$

The average weight of all the students in the class =  $50 \text{ kg}$

$$(49x + 257)/(x + 5) = 50$$

$$49x + 257 = 50x + 250$$

$$x = 7$$

**Question 98 :**

Two boats are moving in the same direction in a stream. The speed of the boat in still water is  $30 \text{ km/h}$  and the speed of the stream is  $60 \text{ km/h}$ . The distance between the two boats is  $136.8 \text{ km}$ . The time taken for the faster boat to reach the slower boat is \_\_\_\_\_.

Difficulty : Moderate

Average Time : 51 Seconds

**Options :**

- 1. 2.4
- 2. 3.8
- 3. 4.2
- 4. 3.2

**Solution :**

The correct answer is **option 2** i.e. **3.8**

Given that

The speed of a boat in still water =  $30 \text{ km/h}$

Let the speed of the stream be  $a \text{ km/h}$







à¤¼à¤œà¤¥à¤¦ à¤•à¤¥à¤¦à¤¼ à¤¹à¤¥à¤¦à¤—à¤¼?

Difficulty : Moderate

Average Time : 47 Seconds

Options :

1. 14,168
2. 13,496
3. 13,446
4. 14,112

Solution :

The correct answer is **option 1** i.e. **14,168**

As we know

Dividend = Divisor x Quotient + Remainder

Given that

Divisor = 32 x Quotient = 12 \* Remainder = 12 \* 56 = 672

Quotient =  $672/32 = 21$

Now, Dividend =  $672 * 21 + 56 = 14168$

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

The analysis of Delhi Police Constable Tier 1 Previous Year Question Paper held on 2020-12-09 in the Evening exam is as follows:

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

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

## General Awareness

1. Art And Culture - 50

## Computer

1. Networking - 10

## Logical Reasoning

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



## Numerical Ability

1. Quant - 1

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



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

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

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

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### About Neetu Mam

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