

Sub Inspector in Delhi Police and Central Armed Police Forces Examination 2024 Paper I Exam

Exam Date	28/06/2024
Exam Time	4:00 PM - 6:00 PM
Subject	SICPO Paper I 2024

Section : General Intelligence and Reasoning

Q.1 In a certain code language, 'god is great' is coded as 'tg so rf' and 'we love god' is coded as 'ae rf xd'. How is 'god' coded in that language?

- Ans
- 1. tg
 - 2. xd
 - 3. ae
 - 4. rf

Q.2 Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Breathable
2. Brevetting
3. Breakfast
4. Breviaries
5. Breacher
6. Breakthrough

- Ans
- 1. 5, 3, 6, 1, 2, 4
 - 2. 6, 3, 5, 1, 2, 4
 - 3. 6, 5, 3, 1, 4, 2
 - 4. 5, 6, 3, 1, 4, 2

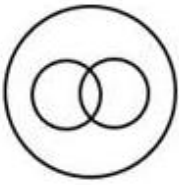
Q.3 In a code language, 'GOOD' is written as 'HMPB', and 'HALL' is written as 'IYMJ'. How will 'TOOL' be written in that language?

- Ans
- 1. UPJM
 - 2. JUMP
 - 3. UMPJ
 - 4. PUMJ

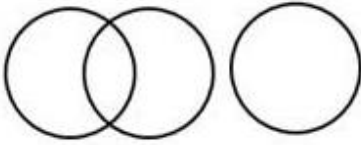
Q.4 Which Venn diagram that best illustrates the relationship between the following classes.
Teacher, Guitarist, Lawyer

Ans

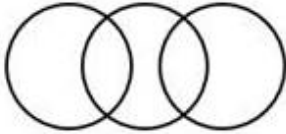
✗ 1.



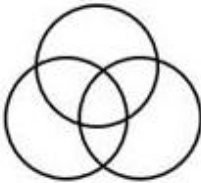
✗ 2.



✗ 3.



✓ 4.



Q.5 In a certain code language,
'A x B' means 'A is the son of B',
'A - B' means 'A is the brother of B',
'A + B' means 'A is the wife of B',
'A % B' means 'A is the father of B'.
How is M related to T if 'M x N + P - S % T'?

Ans

✗ 1. Mother's brother

✗ 2. Mother's mother's brother

✗ 3. Wife's father's brother

✓ 4. Father's brother's son

Q.6 Select the option that is related to the third word in the same way as the second word is related to the first word.
(The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/ vowels in the word.)
Summon : Call :: Disperse : ?

Ans

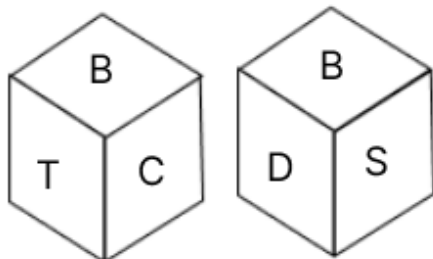
✗ 1. Remove

✗ 2. Surround

✗ 3. Disappear

✓ 4. Spread

Q.7 A dice has its faces named by letters B, C, D, R, S and T. Two positions of the same dice are given below. Which face is opposite to face R?



Ans

✗ 1. D

✗ 2. T

✗ 3. S

✓ 4. B

Q.8. Statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

- 1) Some snacks are meals.
- 2) All juices are snacks.

Conclusions:

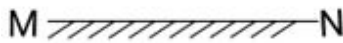
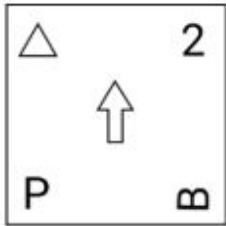
- I. All juices can never be meals.
- II. All meals are snacks.

- Ans
- 1. Only Conclusion I follows.
 - 2. Only Conclusion II follows.
 - 3. Neither Conclusion I nor II follows.
 - 4. Both Conclusions I and II follow.

Q.9 If 'A' stands for '+', 'B' stands for 'x', 'C' stands for '+' and 'D' stands for '-', what will come in place of the question mark in the following equation?
8 B 9 C 49 A 7 D 25 = ?

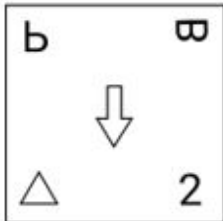
- Ans
- 1. 44
 - 2. 52
 - 3. 56
 - 4. 54

Q.10 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.

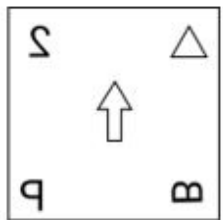


Ans

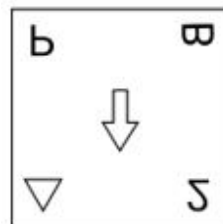
1.



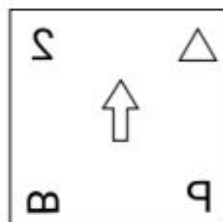
2.



3.



4.



Q.11 Six people - A, B, C, D, E and F - are sitting around a circular table, facing the centre.

A is the immediate neighbour of both E and F.

B is sitting second to the right of E.

D is sitting third to the left of F.

C is the immediate neighbour of both B and F.

Who among the following is the immediate neighbour of both A and D?

Ans 1. F

2. C

3. E

4. B

Q.12 Which of the following numbers will replace the question mark (?) in the given series?

6, 10, 15, 21, ?, 36, 45

Ans 1. 26

2. 31

3. 28

4. 30

Q.13 Which two signs should be interchanged to make the given equation correct?

$16 \times 121 \div 11 + 4 - 10 = 50$

Ans 1. - and +

2. \div and +

3. + and -

4. + and \times

Q.14 Which figure given in the options which when put in place of (?) will logically complete the series.

A	8
Y	
R	P

R	A
8	
P	Y

P	R
A	
Y	8

Y	P
R	
8	A

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?	

Ans

✓ 1.

8	Y
P	
A	R

✗ 2.

A	8
Y	
R	P

✗ 3.

Y	8
P	
A	R

✗ 4.

8	Y
A	
R	P

Q.15 Which of the following numbers will replace the question mark (?) in the given series?
80, 101, 120, ?, 168

- Ans
- ✗ 1. 147
 - ✗ 2. 143
 - ✓ 3. 145
 - ✗ 4. 149

Q.16 Which letter cluster will replace the question mark (?) to complete the given series?
YFJW, BJEC, ?, HRUO, KVPU

- Ans
- ✗ 1. NWRP
 - ✗ 2. TDFI
 - ✓ 3. ENZI
 - ✗ 4. EHSI

Q.17 Select the number from among the given options that can replace the question mark (?) in the following series.
45, 46, 50, 59, 75, ?

- Ans
- ✗ 1. 95
 - ✗ 2. 90
 - ✗ 3. 105
 - ✓ 4. 100

Q.18 A person starts from point A and drives 8 km towards North. He then takes a right turn, drives 2 km, turns right and drives 11 km. He then takes a right turn and drives 5 km. He takes a final right turn, drives 3 km and stops at point P. How far (shortest distance) and towards which direction should he drive in order to reach point A again? (All turns are 90 degrees turns only unless specified.)

- Ans
- 1. 3 km towards North
 - 2. 3 km towards East
 - 3. 2 km towards West
 - 4. 2 km towards East

Q.19 Which of the following letter-clusters will replace the question mark (?) in the given series?
AM, DK, GI, JG, ?

- Ans
- 1. ND
 - 2. NE
 - 3. MD
 - 4. ME

Q.20 Which of the following terms will replace the question mark (?) in the given series?
RJO, SKP, TLQ, ?

- Ans
- 1. UMR
 - 2. HKL
 - 3. GRS
 - 4. MRW

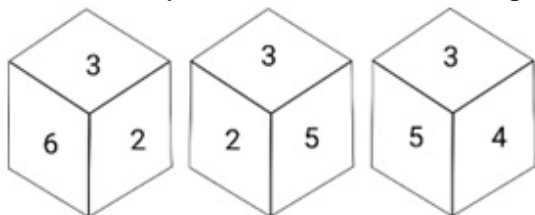
Q.21 Find the two signs to be interchanged for making the following equation correct.
 $6 + 3 \times 8 - 12 \div 4 = 4$

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

Q.22 In a certain code language, 'APPLE' is coded as 250 and 'BERRY' is coded as 340. How will 'LITCHI' be coded in the same language?

- Ans
- 1. 305
 - 2. 306
 - 3. 350
 - 4. 330

Q.23 Three different positions of the same dice are given. Find the number on the face opposite to the face showing '4'.



- Ans
- 1. 5
 - 2. 2
 - 3. 1
 - 4. 6

Q.24. Prepared to 16 following a certain logic. Following the same logic, 18 is related to 24. Which of the following numbers is related to 28 using the same logic?

- Ans
- 1. 21
 - 2. 23
 - 3. 24
 - 4. 22

Q.25 Which of the following numbers will replace the question mark (?) in the given series?
192, 185, 171, ?, 122, 87

- Ans
- 1. 151
 - 2. 147
 - 3. 149
 - 4. 150

Q.26 If 'A' stands for '+', 'B' stands for '-', 'C' stands for '×' and 'D' stands for '÷', what will come in place of the question mark (?) in the following equation?

$$74 \text{ A } (17 \text{ C } 2 \text{ B } 24) \text{ D } 2 \text{ A } 16 \text{ C } 3 \text{ B } 8 = ?$$

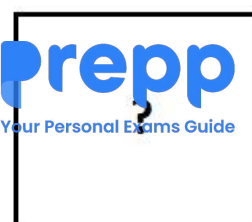
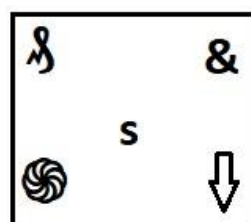
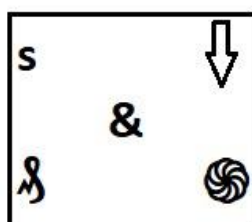
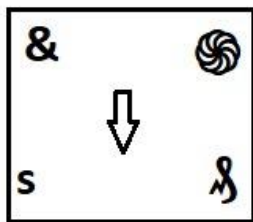
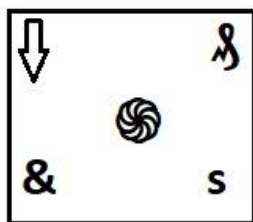
- Ans
- 1. 119
 - 2. 109
 - 3. 128
 - 4. 134

Q.27 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



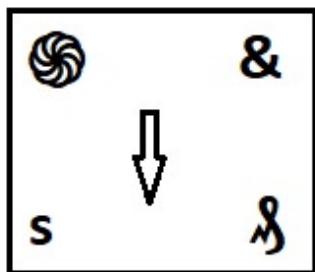
- Ans
- 1. 52εgrεM
 - 2. 2εgrεM
 - 3. 2εgrεM
 - 4. 2εgrεM

Q.28 Which figure from among the given options that can logically replace the question mark (?) in the following series.

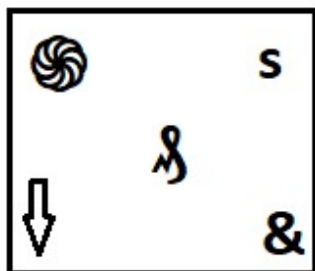


Ans

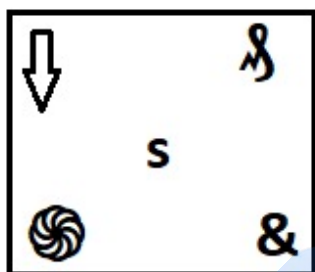
✗ 1.



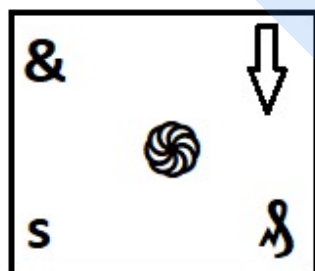
✓ 2.



✗ 3.



✗ 4.



Q.29 In a certain code language,
 'A + B' means 'A is the father of B'
 'A - B' means 'B is the sister of A'
 'A x B' means 'A is the wife of B'
 'A ÷ B' means 'A is the mother of B'
 Based on the above, how is L related to K if 'N x M - K ÷ L + P'?

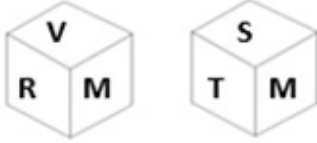
- Ans
- ✗ 1. Mother
 - ✗ 2. Father
 - ✗ 3. Brother
 - ✓ 4. Son

Q.30 Which option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

UNREAL : MCHVSA :: CREATE : FVDIWI :: AROUND : ?

- Ans
- 1. EPXSWG
 - 2. FPXSWF
 - 3. FQXSWG
 - 4. EPXSXE

Q.31 A dice has letters M, Q, R, S, T and V on its sides. Two different positions of the same dice are shown below. Select the letter that will be on the face opposite to the one having V.



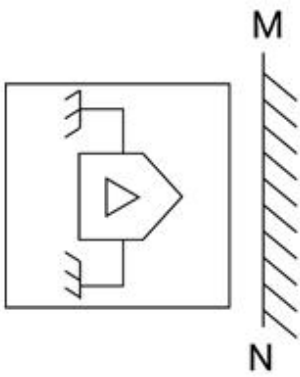
- Ans
- 1. Q
 - 2. M
 - 3. S
 - 4. T

Q.32 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster does not belong to that group?

(Note: The odd letter-cluster is not based on the number of consonants/vowels or their position in the letter-cluster.)

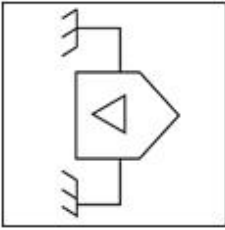
- Ans
- 1. NKP
 - 2. KHM
 - 3. QNR
 - 4. TQV

Q.33 Which is the correct mirror image of the given figure when the mirror is placed at MN as shown below.

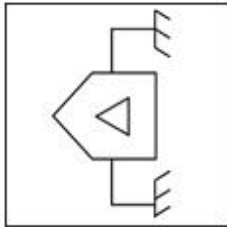


Ans

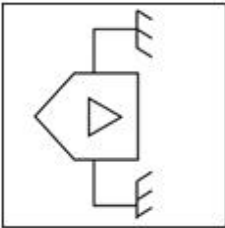
✗ 1.



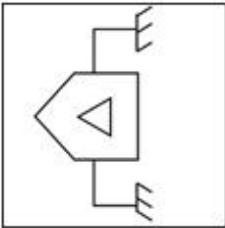
✓ 2.



✗ 3.



✗ 4.



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Q.34 Point A is 35 m to the east of Point B. Point C is 48 m to the north of Point A. Point D is 23 m to the east of Point C. Point D is 14 m to the north of Point E. Point E is 48 m to the east of Point F. In which direction is Point F with respect to Point A?

Ans ✓ 1. North-west

✗ 2. East

✗ 3. North-east

✗ 4. North

Q.35 If 'A' stands for '+', 'B' stands for '-', 'C' stands for '×' and 'D' stands for '÷', what will come in place of the question mark (?) in the following equation?

$$6 C 7 C 8 B 7 1 A 11 B 3 2 C 2 = ?$$

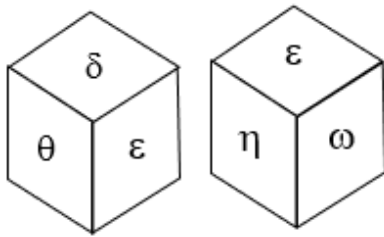
Ans ✓ 1. 212

✗ 2. 192

✗ 3. 228

✗ 4. 198

Q.36 A die has its faces marked by symbols θ , δ , ω , ϵ , η and $\%$. Two positions of the same dice are given below. Which face is opposite to face $\%$?



- Ans
- 1. ϵ
 - 2. ω
 - 3. η
 - 4. θ

Q.37 Two statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

All cards are plastics.

Some plastics are woods.

Conclusions:

I. Some cards are woods.

II. No card is a wood.

- Ans
- 1. Only conclusion II follows
 - 2. Only conclusion I follows
 - 3. Either conclusion I or II follows
 - 4. Neither conclusion I nor II follows

Q.38 Select the pair which is related to each other in the same way as the following –
72:27

- Ans
- 1. 32:14
 - 2. 27:45
 - 3. 48:24
 - 4. 56:33

Q.39 In a code language, 'MARS' is written as 'KXPP', and 'BODY' is written as 'ZLBV'. How will 'TEST' be written in that language?

- Ans
- 1. QRQB
 - 2. RBQQ
 - 3. RQBQ
 - 4. QQRB

Q.40 Select the option that indicates the correct arrangement of the given words in the order in which they appear in an English dictionary.

1- Perplex

2- Peroration

3- Perpetrate

4- Perpetuity

5- Perpetual

- Ans
- 1. 3, 2, 4, 5, 1
 - 2. 2, 3, 5, 4, 1
 - 3. 1, 2, 4, 3, 5
 - 4. 4, 2, 5, 3, 1

Q.41 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(16, 48, 4)
(24, 72, 6)

- Ans
- 1. (20, 60, 6)
 - 2. (21, 60, 6)
 - 3. (20, 60, 5)
 - 4. (21, 60, 5)

Q.42 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(128, 62, 190)
(114, 86, 200)

- Ans
- 1. (98, 68, 146)
 - 2. (102, 73, 165)
 - 3. (106, 69, 195)
 - 4. (95, 54, 149)

Q.43 Which of the following interchanges of signs would make the given equation correct?

$$40 + 45 \times 5 - 12 \div 4 = 1$$

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

Q.44 In a code language, 'HOPE' is coded as 'FRRL' and 'TAIL' is coded as 'MKDX'. How will 'STORY' be coded in the same language?

- Ans
- 1. ZTRY Y
 - 2. ZTRXX
 - 3. ZRTYY
 - 4. ZRTXX

Q.45 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(195, 65, 13)
(255, 85, 17)

- Ans
- 1. (285, 95, 21)
 - 2. (285, 95, 19)
 - 3. (285, 90, 19)
 - 4. (280, 95, 19)

Q.46 If 'A' stands for '+', 'B' stands for ' \times ', 'C' stands for '+' and 'D' stands for '-', what will come in place of the question mark (?) in the following equation?

$$8 \text{ B } 9 \text{ C } 49 \text{ A } 7 \text{ D } 25 = ?$$

- Ans
- 1. 54
 - 2. 25
 - 3. 62
 - 4. 57

Q.47. Statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

Some streams are rivers.

Some rivers are oceans.

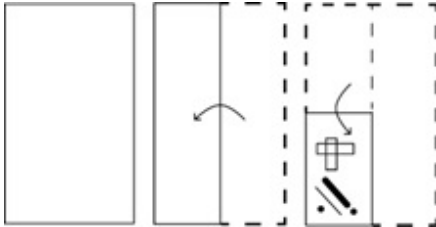
Conclusions:

I. Some streams are oceans.

II. All rivers are oceans.

- Ans
- 1. Neither conclusion I nor II follows
 - 2. Only conclusion I follows
 - 3. Only conclusion II follows
 - 4. Both conclusions I and II follow

Q.48 The sequence of folding a paper and the manner in which the folded paper is cut is shown in the following figures. How would this paper look when unfolded?



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

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Q.49 Which figure given in the options which when put in place of '?' will logically complete the series.

+ 0 *	+++ 0 *	+++ 0000 *	+++ 0000 *****	?
-------------	---------------	------------------	----------------------	---

Ans

✓ 1.

+++++
0000

✗ 2.

+++++
000

✗ 3.

++++
0000

✗ 4.

+++++
0000

Q.50 In a certain code language, 'FEED' is written as '24', and 'ACCOUNT' is written as '42'. How will 'PIZZA' be written in that language?

- Ans
- ✗ 1. 40
 - ✗ 2. 38
 - ✓ 3. 30
 - ✗ 4. 36

Section : General Knowledge and General Awareness

Q.1 Which amongst the following statements about the Indian social reformers of the 19th century is INCORRECT?

- Ans
- ✗ 1. The Aligarh Movement was started by Sir Syed Ahmad Khan in 1875.
 - ✗ 2. Dayanand Saraswati founded the Arya Samaj in 1875.
 - ✗ 3. Mahadev Govind Ranade is associated with the Poona Sarvajanik Sabha
 - ✓ 4. Ishwar Chandra Vidyasagar was the founder of the Brahmo Samaj.

Q.2 What is the national male workforce participation rate as per the Census of India 2011?

- Ans
- ✗ 1. 51.26%
 - ✓ 2. 53.26%
 - ✗ 3. 50.26%
 - ✗ 4. 52.26%

WWW.Prepp.in Dr. BR Ambedkar's views, which of the following is the key feature of the Directive Principles of the Constitution?

- Ans
- 1. Basic feature
 - 2. Novel feature
 - 3. Basic law
 - 4. Mandatory feature

Q.4 The Tableau of which of the following states was given the title of 'Best Tableau' on Republic Day, 2023, which was themed as 'Manaskhand'?

- Ans
- 1. Bihar
 - 2. Jharkhand
 - 3. Uttarakhand
 - 4. Assam

Q.5 In which of the following years did Antoine Lavoisier discover the law of conservation of mass and state that mass is conserved in a chemical reaction?

- Ans
- 1. 1787
 - 2. 1786
 - 3. 1788
 - 4. 1789

Q.6 Dalkhai is a popular folk dance of:

- Ans
- 1. Uttar Pradesh
 - 2. Odisha
 - 3. Punjab
 - 4. Bihar

Q.7 Shovana Narayan has been honoured with the Padma Shri for her contribution to which Indian dance form?

- Ans
- 1. Odissi
 - 2. Kathak
 - 3. Kathakali
 - 4. Kuchipudi

Q.8 As per the National Multidimensional Poverty Index Report 2023, which of the following states has the least population concentration in the Multidimensional poverty index?

- Ans
- 1. Goa
 - 2. Sikkim
 - 3. Kerala
 - 4. Tamil Nadu

Q.9 One mole of Aluminium Sulphate $Al_2(SO_4)_3$ contains:

- Ans
- 1. 3 moles of oxygen atoms
 - 2. 6 moles of oxygen atoms
 - 3. 4 moles of oxygen atoms
 - 4. 12 moles of oxygen atoms

Q.10 Indian Classical Dance is an umbrella under which various performing arts whose theory and practice can be traced to the Sanskrit text, Natya-Shastra, the foundational treatise by:

- Ans
- 1. Panini
 - 2. Bhasa
 - 3. Patanjali
 - 4. Bharata Muni

WWW.Prepp.in percentage of the capital of MUDRA is contributed by SIDBI?

- Ans
- 1. 75
 - 2. 50
 - 3. 100
 - 4. 90

Q.12 A Flight of Pigeons is a famous book written by _____.

- Ans
- 1. Salman Rushdie
 - 2. Vikram Seth
 - 3. Khushwant Singh
 - 4. Ruskin Bond

Q.13 Which of the following was NOT an advantage of privatisation?

- Ans
- 1. Reduced competition
 - 2. Overall improved performance
 - 3. Additional source of revenue for the government
 - 4. Low interference of political motives

Q.14 Which festival is popularly known as the festival of light?

- Ans
- 1. Bihu
 - 2. Holi
 - 3. Diwali
 - 4. Navratri

Q.15 To what phylum does a blood sucking leech belong?

- Ans
- 1. Platyhelminthes
 - 2. Aschelmenthis
 - 3. Annelida
 - 4. Cnidarian

Q.16 Which of the following statements is correct about 'Loo' winds in the context of the Indian climate?

- Ans
- 1. They blow in the rainy season.
 - 2. They blow in the summer season.
 - 3. They blow in the winter season.
 - 4. They blow in the winter and rainy season.

Q.17 The Battle of Kannauj was fought between Sher Shah Suri and the Mughals led by _____.

- Ans
- 1. Humayun
 - 2. Aurangzeb
 - 3. Jehangir
 - 4. Akbar

Q.18 Which of the following is an INCORRECTLY stated social impact of the Green Revolution?

- Ans
- 1. There was displacement of service caste group
 - 2. Worsened the condition of landless and marginal farmers
 - 3. Primarily, the medium and large farmers were benefited
 - 4. Only farmers involved in subsistence agriculture were benefitted

Q.19. **Prepp** in Patrika promoted the study of India's past in which language?

- Ans
- 1. Sanskrit
 - 2. Hindi
 - 3. English
 - 4. Bengali

Q.20 **Who among the following was the founding president of the Indian Olympic Association?**

- Ans
- 1. Dorabji Tata
 - 2. AG. Noehren
 - 3. Jamsetji Tata
 - 4. Dadabhai Naoroji

Q.21 **Which bacteria have a thick cell wall with several layers of peptidoglycan and teichoic acid?**

- Ans
- 1. Staphylococcus aureus
 - 2. Pseudomonas aeruginosa
 - 3. Salmonella enterica
 - 4. Escherichia coli

Q.22 **The Carnatic classical vocalist and first ever musician to receive the Bharat Ratna award, also known as 'Queen of songs', is _____.**

- Ans
- 1. MS Subbulakshmi
 - 2. Girija Devi
 - 3. Shubha Mudgal
 - 4. Gangubai Hangal

Q.23 **Which Article specifies the procedure for amending the Indian Constitution?**

- Ans
- 1. Article 365
 - 2. Article 366
 - 3. Article 368
 - 4. Article 367

Q.24 **What was the main purpose of establishing the Agricultural Prices Commission in 1965?**

- Ans
- 1. To determine the prices for various farm products purchased by the government
 - 2. To determine the price of seeds used in agriculture
 - 3. To determine the prices for various farm products for sale in the open market
 - 4. To determine the price of fertiliser and electricity paid by farmers

Q.25 **Which of the following is the main active ingredient of clove oil?**

- Ans
- 1. Eugenol
 - 2. Curcuma
 - 3. Malic acid
 - 4. Tartaric acid

Q.26 **Who among the following is a famous personality of the dance form Mohiniyattam?**

- Ans
- 1. Sitara Devi
 - 2. Sunanda Nair
 - 3. Pandit Birju Maharaj
 - 4. Damayanti Joshi

Q.27 Article 195 of the Indian Constitution mentions about the salaries and allowances of members of the Legislative Assembly and the Legislative Council of a state?

- Ans
- 1. Article 195
 - 2. Article 199
 - 3. Article 198
 - 4. Article 194

Q.28 Which unit is used to measure the concentration of contaminants in soil and sediment?

- Ans
- 1. DPMO
 - 2. TDS
 - 3. PPBB
 - 4. PPM

Q.29 Which of the following mountains of India is famous for tea and coffee production?

- Ans
- 1. Nilgiri
 - 2. Aravali
 - 3. Himalaya
 - 4. Vidhyanchal

Q.30 Who described the algae Spirogyra in 1674 and named the motile organisms Animalcules, meaning 'little animals'?

- Ans
- 1. Barthelemy Dumortier
 - 2. Maurice Wilkins
 - 3. Anton Van Leeuwenhoek
 - 4. Robert Remak

Q.31 Who among the following are eligible for free legal aid under the National Legal Services Authority?

- A.A member of a Scheduled Caste or Scheduled Tribe.
- B.A victim of trafficking in human beings or beggar as referred to in Article 23 of the Constitution
- C.An industrial workman
- D.A person under circumstances of undeserved want such as being a victim of a mass disasters
- E.To file any case in Supreme Court, if any person need free legal aid, the person's annual income must be below 10 lakhs.

- Ans
- 1. A, B, C and D only
 - 2. A, B and E only
 - 3. B, C and D only
 - 4. A, B, C, D and E

Q.32 Devanampriya Piyadasi is another name for whom among the following Mauryan kings?

- Ans
- 1. Shatadhanvan
 - 2. Bindusara
 - 3. Samprati
 - 4. Ashoka

Q.33 Identify the option that contains the correct sequence of Indian states in terms of decreasing average annual rainfall.

- Ans
- 1. Haryana > Bihar > Rajasthan
 - 2. Rajasthan > Assam > Bihar
 - 3. Uttar Pradesh > Bihar > West Bengal
 - 4. Assam > Bihar > Rajasthan

Q.34 Why are the intermediate goods NOT included in the National Income?

- Ans
- 1. Intermediate goods increases the income.
 - 2. Intermediate goods decreases the income.
 - 3. For the prevention of double accounting.

Q.35 The Prepp digital edition of the National Beach Soccer Championship was held at _____ in 2023.

- Ans
- 1. Goa
 - 2. Diu
 - 3. Daman
 - 4. Surat

Q.36 Who among the following stated in 1902, India was not ruled for its benefit, but rather for the benefit of its conquerors?

- Ans
- 1. Bal Gangadhar Tilak
 - 2. Lala Lajpat Rai
 - 3. Annie Besant
 - 4. Sarojini Naidu

Q.37 The _____ project has been organised by the Central government for the villagers, to conserve water for drinking, irrigation, fisheries and afforestation.

- Ans
- 1. Haryali
 - 2. Chipko andolan
 - 3. Neeru-Meeru
 - 4. Arvary Pani Sansad

Q.38 What is the name of the northern part of the western coastal plain between Mumbai and Goa?

- Ans
- 1. Coromandel coast
 - 2. Malabar coast
 - 3. Kannad plain
 - 4. Konkan coast

Q.39 2-Methylpropan-2-ol is commonly known as:

- Ans
- 1. prim-propyl alcohol
 - 2. tert-butyl alcohol
 - 3. ethyl alcohol
 - 4. methanol

Q.40 Which Article of the Indian Constitution mentions that a person may be appointed as the Governor of two or more states?

- Ans
- 1. Article 153
 - 2. Article 152
 - 3. Article 151
 - 4. Article 150

Q.41 Choose the correct statement about the peninsular rivers.

- a. The Narmada rises in the Malwa plateau.
- b. The Godavari rises from the slopes of the Western Ghats near Nashik.
- c. The Mahanadi rises in the highlands of Chhattisgarh.
- d. The Krishna rises from a spring near Mahabaleshwar.

- Ans
- 1. Only a, b and c
 - 2. Only a, c and d
 - 3. a, b, c and d
 - 4. Only b, c and d

Q.42 The 35th National Games were held in the state of _____.

- Ans
- 1. Gujarat
 - 2. Kerala
 - 3. Assam
 - 4. Jharkhand

Q.43 Which of the following is the correct answer? Kumar Sharma, an accomplished Santoor player, originally hails from the State /UT of:

- Ans
- 1. Jammu and Kashmir
 - 2. Himachal Pradesh
 - 3. Assam
 - 4. Lakshadweep

Q.44 Which of the following is the longest Highway Tunnel in India (as of 2022)?

- Ans
- 1. Jawahar Tunnel
 - 2. Karbude Tunnel
 - 3. Atal Tunnel
 - 4. Pir Panjal Tunnel

Q.45 The 42nd Amendment of the Indian Constitution (1976) states that India is a/an _____ nation.

- Ans
- 1. secular
 - 2. capitalist
 - 3. aristocratic
 - 4. oligarchic

Q.46 Who among the following is the author of the book 'The Oath of the Vayuputras'?

- Ans
- 1. Indrapramit Das
 - 2. Amish Tripathi
 - 3. Vikram Chandra
 - 4. Ravi Subramanian

Q.47 Brij Bhushan Kabra was considered an expert in which of the following instruments in the field of Indian classical music?

- Ans
- 1. Santoor
 - 2. Violin
 - 3. Veena
 - 4. Guitar

Q.48 Which part of the bifocal lens facilitates near vision?

- Ans
- 1. Upper part with concave lens
 - 2. Lower part with concave lens
 - 3. Upper part with convex lens
 - 4. Lower part with convex lens

Q.49 In which year was the Department of Sports transformed into the Department of Youth Affairs and Sports?

- Ans
- 1. 1983
 - 2. 1982
 - 3. 1985
 - 4. 1984

Q.50 In Andhra region, who among the following translated a few portions of Mahabharata in Telugu?

- Ans
- 1. Nanniah
 - 2. Tikkanna
 - 3. Pampa
 - 4. Kampan

If $\frac{1}{b} + \frac{1}{a} = 1$, $a \neq 0$, $b \neq 0$, then find the value of $\frac{a^3 + b^3}{3ab}$.

- Ans
- 1. 3
 - 2. 0
 - 3. 2
 - 4. -3

Q.2 In an election between P, R and S, $\frac{1}{10}$ of the total votes polled are invalid. Votes polled in favour of R and S are half of the total votes polled, and they get equal votes. Due to a fault in the machine, half of the votes of S and half of the invalid votes are counted additionally in favour of R. What is the overall percentage of votes secured by R due to the fault?

- Ans
- 1. 37.55%
 - 2. 41.55%
 - 3. 38.5%
 - 4. 42.5%

Q.3 A solid metal cylinder of 12 cm height and 7 cm radius is melted and recast into two cones in the proportion of 1 : 2 (volume), keeping the height 12 cm. What would be the percentage change in the flat surface area before and after [use $\pi = \frac{22}{7}$]?

- Ans
- 1. 35%
 - 2. 20%
 - 3. 45%
 - 4. 50%

Q.4 Let a be a positive number and $b = \frac{4}{a}$. What is the mean proportional of a and b?

- Ans
- 1. 4
 - 2. 3
 - 3. 2
 - 4. a

Q.5 Study the following table chart carefully and answer the question that follows.

The table given below shows the number of registered voters and the percentage of the people who voted among them in different voting centres.

Centres	Total number of Registered Voters	Percentage of people who voted
Centre 1	26000	70%
Centre 2	28000	60%
Centre 3	25000	80%
Centre 4	30000	76%

According to the table given above, which centre has the maximum number of voting?

- Ans
- 1. Centre 1
 - 2. Centre 4
 - 3. Centre 3
 - 4. Centre 2

Q.6 Arrange the following ratios in ascending order.

3 : 4, 3 : 5, 2 : 11, 7 : 2

- Ans
- 1. 3 : 5 < 2 : 11 < 3 : 4 < 7 : 2
 - 2. 7 : 2 < 3 : 4 < 3 : 5 < 2 : 11
 - 3. 2 : 11 < 3 : 5 < 3 : 4 < 7 : 2
 - 4. 3 : 4 < 3 : 5 < 2 : 11 < 7 : 2

Q.7 If the number of school going children in a town is 64000 and it is increasing annually by 10%, then what will be the number of school going children in the town at the end of 3 years?

- Ans
- 1. 85100
 - 2. 85184
 - 3. 85000
 - 4. 80000

Q.8 A vessel contains 18 litres mixture of milk and water in the ratio 5 : 1. If 3 litres of milk is added to the vessel, then how much water (in litres) should be added to the vessel to have milk and water in the ratio 9 : 2?

- Ans
- 1. 2
 - 2. 1.5
 - 3. 0.5
 - 4. 1

Q.9 The distance between the parallel sides of a trapezium is 18 cm. If the area of the trapezium is 1188 cm^2 , then what is the sum of the lengths of the parallel sides?

- Ans
- 1. 150 cm
 - 2. 115 cm
 - 3. 126 cm
 - 4. 132 cm

Q.10 A train covers a distance of 72 km in 40 minutes. Travelling at the same speed, how many metres will the train cover in 6 seconds?

- Ans
- 1. 180
 - 2. 192
 - 3. 210
 - 4. 174

Q.11

Find the value of $\frac{3 \div 3 \times 2 - 6 \div 3 + 7}{5 \div 5 \times 6 \div 6 + 3 + 3}$.

- Ans
- 1. 1
 - 2. $\frac{6}{7}$
 - 3. 2
 - 4. $\frac{8}{7}$

Q.12 The cost of Compressed Natural Gas (CNG) per litre is increased by 65%. By what percentage must Manish reduce his consumption of CNG so as not to increase his expenditure? (correct up to two decimal places)

- Ans
- 1. 39.39%
 - 2. 30.13%
 - 3. 45.13%
 - 4. 25.39%

Q.13 If $3p + 3 - 24 \div 12 + 4 = 21 \div 3 + 3$, then the value of p is:

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

Q.14 A trader sells pulses at a 32% profit and uses weights 20% less than the actual measure. Find his gain percentage.

- Ans
- 1. 65%
 - 2. 58%
 - 3. 72%
 - 4. 62%

Q.15 Find the value of $\left[9 + 3 - 2 \times \left\{\left(4 \div \frac{1}{4}\right) - 4\right\} + 81 \div 9 + 81 \div 9 + 3 - 9\right] + 9$.

- Ans
- 1. 0
 - 2. 6
 - 3. 9
 - 4. 3

Q.16 A school has four sections A, B, C, D of class x students. The results of half yearly and annual examinations are shown in the table given below:

Result	Number of students			
	Section A	Section B	Section C	Section D
Students failed in both exams	25	22	18	20
Students failed in half yearly but passed in Annual exam	20	25	24	12
Students passed in half yearly but failed in Annual exam	12	15	8	10
Students passed in both exams	15	20	22	18

How many students are there in class X in the school?

- Ans
- 1. 256
 - 2. 226
 - 3. 286
 - 4. 206

Q.17 A gear 15 cm in diameter is turning a gear 21 cm in diameter. When the smaller gear has 105 revolutions, how many has the larger one made?

- Ans
- 1. 75
 - 2. 100
 - 3. 85
 - 4. 90

Q.18 Simple interest on a certain sum for 4 years at 14% per annum is ₹6,160 less than the simple interest on the same sum at the same rate for 8 years. Find the sum.

- Ans
- 1. ₹10,000
 - 2. ₹9,000
 - 3. ₹11,000
 - 4. ₹12,000

Q.19 If A, B and C are the interior angles of ΔABC , then what is the value of $\left\{\tan \frac{A}{2} + \operatorname{cosec} \frac{B+C}{2}\right\}\left\{\tan \frac{A}{2} - \operatorname{cosec} \frac{B+C}{2}\right\}$?

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

Q.20 A vegetable vendor bought 100 kg of potatoes at the rate of ₹19 per kg and spent ₹100 as cartage. He sold 60 kg of potatoes with a 50% profit and half of the remaining stock with a 40% profit. He sold half of the still remaining potatoes with a 25% profit. What profit percentage should he aim for when selling the ultimate remaining potatoes to achieve an overall profit of 42%?

- Ans
- 1. 0.16
 - 2. 0.1
 - 3. 0.12
 - 4. 0.15

Q.21 Simplify the following.

$$\frac{2\left\{3 + 3\left(\frac{1}{4} \div \frac{15}{20} + 2\right) - 18 \times \frac{1}{3}\right\}}{2(4 + 20 \div 4)}$$

- Ans
- 1. $\frac{7}{18}$
 - 2. $\frac{4}{9}$
 - 3. $\frac{5}{9}$
 - 4. $\frac{11}{18}$

Q.22 The following table shows the number of new employees added to different categories of employees in a university and also the number of employees from these categories who left the university every year:

	Professor		Assistant Professor		Associate Professor		Peon	
	New	Left	New	Left	New	Left	New	Left
2018	80	-	100	-	90	-	60	-
2019	100	60	150	40	110	30	80	10
2020	150	40	160	30	140	40	70	20
2021	180	60	200	50	190	50	80	30
2022	200	80	220	60	220	60	90	40

What is the difference between the total number of professors added to the university and the total number of associate professors added to the university during the years 2019 to 2022?

- Ans
- 1. 50
 - 2. 120
 - 3. 30

$$22.0625 - [15 + 0.25 \times (4.78 - 1.5 \times 3.02)]$$

- Ans
- 1. 7.3
 - 2. 7.0
 - 3. 7.1
 - 4. 7.2

Q.24 A shopkeeper kept the marked price of an item at ₹500. He sold it at a scheme discount of 10% and 20% and got a profit of 25%. What was the cost price of the item?

- Ans
- 1. ₹482
 - 2. ₹384
 - 3. ₹288
 - 4. ₹188

Q.25 Consider the data of a certain number of activities of type P, Q, and R in the percentage of the total activities of the cities B, C, D, and K in the table below.

Activity ↓ \ City →	City →			
	B	C	D	K
P	45	30	25	35
Q	25	30	35	30
R	30	40	40	35

If the total activities of B and C are 500 and 400, respectively, then what is the difference in activity R of B and C?

- Ans
- 1. 10
 - 2. 20
 - 3. 30
 - 4. 15

Study the given table and answer the question that follows.

The table shows the yearly production (in thousands) of scooters in five different factories (P, Q, R, S and T) from 1985 to 1989.

Yearly production (in thousands) of scooters in different factories.

Factory	1985	1986	1987	1988	1989
P	20	15	24	13	17
Q	16	23	41	20	15
R	14	21	30	16	12
S	25	17	15	12	22
T	40	32	39	41	35
Total	115	108	149	102	101

In which year was the total production of scooters of all factories 20% of the total production of scooters from 1985 to 1989?

- Ans
- 1. 1985
 - 2. 1986
 - 3. 1988
 - 4. 1989

Q.27 If $x = 11$, then the value of $(x^5 - 12x^4 + 12x^3 - 12x^2 + 12x - 1)$ is:

- Ans
- 1. 10
 - 2. 8
 - 3. 9
 - 4. 14

Q.28 The sum of any two sides of a triangle is:

- Ans
- 1. less than or equal to third side
 - 2. equal to third side
 - 3. greater than the third side
 - 4. less than the third side

Q.29 Ashish covers 72 km at a speed of 45 km/h by bike, 28 km at a speed of 4 km/h by bicycle, and another 160 km at a speed of 20 km/h by car. Find his average speed (in km/h) for the whole journey. (Rounded off to two decimal places)

- Ans
- 1. 15.66
 - 2. 25.25
 - 3. 28.33
 - 4. 27.65

Q.30 A person travels for 8 hours at the rate of 4 km/h and for 4 hours at the rate of 8 km/h. The average speed of the journey (in km/h) is:

Ans

1. $5\frac{2}{3}$

2. $4\frac{2}{3}$

3. $5\frac{1}{3}$

4. $4\frac{1}{3}$

Q.31 The curved surface area of a cone is 308 cm^2 , and its slant height is 28 cm. Find the radius of its base. (Use $\pi = \frac{22}{7}$)

Ans

1. 2.8 cm

2. 3.5 cm

3. 2.5 cm

4. 3.0 cm

Q.32 Three circles each of radius 5 cm touch one another. The area (in cm^2) subtended between them is:

Ans

1. $50\left(\sqrt{3} - \frac{\pi}{2}\right)$

2. $25\left(\sqrt{3} + \frac{\pi}{2}\right)$

3. $25\left(2\sqrt{3} - \frac{\pi}{2}\right)$

4. $25\left(\sqrt{3} - \frac{\pi}{2}\right)$

Q.33 What is the ratio between S and T if S is 75% of T?

Ans

1. 4 : 3

2. 2 : 3

3. 75 : 1

4. 3 : 4

Q.34 The area of the canvas cloth needed to erect a right conical tent of height 20ft. and circular base of circumference 30π ft. is:

Ans

1. 455π sq.ft.

2. 375π sq.ft.

3. 589π sq.ft.

4. 470π sq.ft.

Q.35 Find the perimeter of a triangle with sides equal to 13 cm, 12 cm and 5 cm.

Ans

1. 15 cm

2. 5 cm

3. 25 cm

4. 30 cm

Q.36. Preppin is twice as good as Tripti in doing a work. Together, they can complete the work in 16 days. In how many days can Tripti alone complete the same work?

- Ans
- 1. 24
 - 2. 48
 - 3. 25
 - 4. 50

Q.37 The value of $72 \div 8 - 210 \div 15 - 5 + 2 \times 5$ is:

- Ans
- 1. 1
 - 2. 3
 - 3. 2
 - 4. 0

Q.38 Simplify

$$\frac{\sin^3 A + \cos^3 A}{\sin A + \cos A}$$

- Ans
- 1. $1 - \tan A \sec A$
 - 2. $1 - \cos A \cot A$
 - 3. $1 - \sin A \tan A$
 - 4. $1 - \sin A \cos A$

Q.39 If $\sin(x + y) = 1$ and $\cos(x - y) = \frac{\sqrt{3}}{2}$, find the value of 'y'.

- Ans
- 1. 90°
 - 2. 60°
 - 3. 30°
 - 4. 20°

Q.40 The value of $\left(\frac{2\cos^3\theta - \cos\theta}{\sin\theta - 2\sin^3\theta}\right)^2 + 1$, $\theta \neq 45^\circ$ is:

- Ans
- 1. $\sin^2\theta$
 - 2. $\sec^2\theta$
 - 3. $\operatorname{cosec}^2\theta$
 - 4. $\cot^2\theta$

Year	Town				
	Hyderabad	Punjab	Pune	Kolkata	Delhi
2016	520	325	152	425	545
2017	680	475	250	765	645
2018	874	850	179	857	820
2019	745	780	375	856	765
2020	954	822	425	880	923

Note: All figures are fictitious.

Employees from Pune in 2018 are what per cent of the total employees of all towns together in that year?

- Ans
- 1. 5%
 - 2. 4%
 - 3. 3%
 - 4. 6%

Q.42 Two trains are moving in the same direction at 60 km/h and 42 km/h. The faster train crosses a man in the slower train in 36 seconds. Find the length of the faster train.

- Ans
- 1. 185 m
 - 2. 180 m
 - 3. 195 m
 - 4. 175 m

Q.43 Simplify the following expression.

$$(4.2 \text{ of } 2.5 \div 3.5) - (3.6 \div 2.4 + 2.5 \text{ of } 3 \div 7.5) + (6 - 3 \text{ of } 2 + 4 \text{ of } 3 \div 6)$$

- Ans
- 1. 2.5
 - 2. 4.5
 - 3. 3.5
 - 4. 1.5

Q.44 The marked price of a table is ₹5,980. If the shopkeeper offers a discount of 18%, what is its selling price (in ₹, to the nearest rupee)?

- Ans
- 1. 4,490
 - 2. 4,940
 - 3. 4,904
 - 4. 4,094

Q.45 If the polynomial $(2x^3 + ax^2 + 3x - 5)$ and $(x^3 + x^2 - 2x + a)$ leave the same remainder when divided by $(x - 2)$, find the remainder.

- Ans
- 1. 4
 - 2. 3
 - 3. 2
 - 4. 5

Q.46 P can do a piece of work in 30 days and Q in 40 days. They work together for 4 days and then Q leaves. The number of days taken by P to finish the remaining work is:

- Ans
- 1. 23 days
 - 2. 28 days
 - 3. 30 days
 - 4. 7 days

The volume of a right circular cone is $150\pi \text{ cm}^3$ and its height is 18 cm. Find its slant height (in cm) (correct to 2 decimal places).

- Ans
- ✓ 1. 18.68
 - ✗ 2. 25.35
 - ✗ 3. 28.68
 - ✗ 4. 15.25

Q.48 The percentage of marks obtained by six students in five different subjects in an examination and the maximum marks in each subject (in parenthesis) are given in the following table.

Student	Hindi (150)	English (100)	Geography (175)	Mathematics (120)	Physics (75)
P	85	56	65	82	90
Q	76	84	52	84	76
R	89	98	67	60	56
S	82	64	56	70	80
T	58	68	78	68	71
U	64	75	94	64	60

What was the aggregate of marks obtained by S in all the five subjects?

- Ans
- ✓ 1. 429
 - ✗ 2. 356
 - ✗ 3. 405
 - ✗ 4. 324

Q.49 Simplify the given expression.

$$\frac{13 \div \{6 - 6 \div (7 - 9) \times 8 + 9\}}{5 + 5 \times 5 \div 5 \text{ of } 5}$$

- Ans
- ✗ 1. 13
 - ✗ 2. 39
 - ✓ 3. $\frac{1}{18}$
 - ✗ 4. $\frac{1}{2}$

$$13.5 - [5 + 0.5 \times (9 - 3 \times 2)]$$

- Ans
- 1. 6
 - 2. 8
 - 3. 5
 - 4. 7

Section : English Comprehension

Q.1 Select the most appropriate synonym of the given word.
Entail

- Ans
- 1. Necessitate
 - 2. Eliminate
 - 3. Flaw
 - 4. Assume

Q.2 Select the most appropriate synonym of the given word.
Fabulous

- Ans
- 1. Regrettable
 - 2. Resourceful
 - 3. Restful
 - 4. Remarkable

Q.3 The following sentence has been divided into four segments. One of them contains an error. Select the segment that contains the error from the given options.
The people of / Jammu and Kashmir / has emphasised and / appreciated transparency.

- Ans
- 1. The people of
 - 2. Jammu and Kashmir
 - 3. appreciated transparency
 - 4. has emphasised and

Q.4 Select the option that can be used as a one-word substitute for the given group of words.
Words inscribed on a tomb.

- Ans
- 1. Prologue
 - 2. Epilogue
 - 3. Post-script
 - 4. Epitaph

Q.5 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution'.
The woman to whom I sold my house was a criminal.

- Ans
- 1. to whom sold
 - 2. No substitution
 - 3. to whom I sold
 - 4. to whom I sell

Q.6 Select the option that can be used as a one-word substitute for the given group of words.

Fertile watery place in a desert

- Ans
- 1. Ode
 - 2. Obsolete
 - 3. Obscure
 - 4. Oasis

Q.7 Select the most appropriate meaning of the given idiom.

Get itchy feet

- Ans
- 1. Judge something primarily on appearance
 - 2. Join a popular trend or activity
 - 3. Learn something by memorising it without a thought to what is being learnt
 - 4. To start to want to travel or do something different

Q.8 Select the most appropriate ANTONYM of the given word.
Accolade

- Ans
- 1. Criticism
 - 2. Assurance
 - 3. Tribute
 - 4. Promotion

Q.9 Select the option that can be used as a one-word substitute for the given group of words.

Someone who speaks more than one language

- Ans
- 1. Polyglot
 - 2. Insolvent
 - 3. Heretic
 - 4. Fatalist

Q.10 Parts of the following sentence have been given as options. Select the option that contains an error.
Himalayas include the highest mountains in the world and feed almost 20% of the earth's population.

- Ans
- 1. the world and feed
 - 2. highest mountains in
 - 3. almost 20% of the earth's population.
 - 4. Himalayas include the

Q.11 Select the option that can be used as a one-word substitute for the given group of words.

A news article that reports the recent death of a person.

- Ans
- 1. Centenary
 - 2. Culinary
 - 3. Mortuary
 - 4. Obituary

Q.12 Select the option that can be used as a one-word substitute for the given group of words.
The original inhabitants of a country

- Ans
- 1. Aborigines
 - 2. Primitive
 - 3. Citizens
 - 4. Aliens

Q.13 Select the most appropriate synonym of the given word.
Eagerly

- Ans
- 1. Stringently
 - 2. Playfully
 - 3. Dubiously
 - 4. Keenly

Q.15 Select the INCORRECTLY spelt word.

- Ans
- 1. Ordinary
 - 2. Reference
 - 3. Infurmary
 - 4. Dictionary

Q.15 Select the option that can be used as a one-word substitute for the given group of words.
The approach or style of teaching

- Ans
- 1. Platform
 - 2. Pedagogy
 - 3. Philology
 - 4. Media

Q.16 Select the most appropriate option that can substitute the underlined segment in the given sentence. If no substitution is required, select 'No substitution'.

A sharp fall in the price of jute have led the poor jute farmers to the brink of starvation.

- Ans
- 1. No substitution
 - 2. have led the poor farmers
 - 3. have lead the poor jute farmers
 - 4. has led the poor jute farmers

Q.17 Choose the most appropriate meaning of the underlined phrase.
He's still keeping his chin up despite all his health problems.

- Ans
- 1. To stay safe during difficulty
 - 2. To keep one's chin clean and moist
 - 3. To save others during difficult times
 - 4. To stay cheerful during difficult times

Q.18 Select the INCORRECTLY spelt word in the given sentence.
Large-scale hunting scenes and slaughter of wild animals is a heinous crime.

- Ans
- 1. Slaughter
 - 2. Heinous
 - 3. Hunting
 - 4. Scenes

Q.19 Select the most appropriate option that can substitute the underlined words in the given sentence.
We should not underestimate the signification of female education.

- Ans
- 1. underestimate signification
 - 2. underestimate at signification
 - 3. underestimate the significance
 - 4. underestimate on signification

Q.20 Select the most appropriate meaning of the given idiom.

On thin ice

- Ans
- 1. On an investigating job
 - 2. On a summer vacation
 - 3. Communicating with friends
 - 4. In a risky position

Q.21 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution'.

Half of the property given to his sons by the businessman last year.

- Ans
- 1. Half of the property has been given
 - 2. Half of the property was given
 - 3. No substitution
 - 4. Half of the property is given

Q.22 Select the most appropriate meaning of the given idiom.
Bread and butter

- Ans
- 1. Breakfast
 - 2. Party
 - 3. Livelihood
 - 4. Sharing

Q.23 Select the most appropriate idiom that can substitute the underlined segment in the given sentence.
Even after becoming bankrupt, Charlie is able to maintain an outward show.

- Ans
- 1. bell the cat
 - 2. cut a sorry figure
 - 3. bring down the house
 - 4. keep up appearances

Q.24 Select the most appropriate synonym of the given word.
Grisly

- Ans
- 1. Dire
 - 2. Glorious
 - 3. Pleasant
 - 4. Atrocious

Q.25 Identify the most appropriate ANTONYM of the underlined word in the given sentence.

The door was ajar and a faint wisp of smoke floated through it.

- Ans
- 1. Trickle
 - 2. Itchy
 - 3. Wind
 - 4. Lot

Q.26 Select the sentence that has the correct use of words and spellings from the options given below.

- Ans
- 1. The scientist meticulously analysed the complex data, uncovering ground-breaking insights that would revaulutionise the field.
 - 2. The scientist meticulously analysed the complex data, uncovering ground-breaking insights that would revolutionise the field.
 - 3. The scientiest meticulously analysed the complex data, uncovering ground-breaking insights that would revolutionice the field.
 - 4. The scientist meticulously analysed the complex data, uncovering ground-breaking insights that would revolutionise the feild.

Q.27 Select the most appropriate ANTONYM of the underlined word.

Maria thinks the animals that live in freedom have a sad look in their eyes.

- Ans
- 1. Liberty
 - 2. Surrendered
 - 3. Captivity
 - 4. Carefree

Q.28 Select the most appropriate option to substitute the underlined segment in the given sentence.
Amit is also a chip off the old block like his brother, Tandon.

- Ans
- 1. resembling his parents in character and appearance
 - 2. talking to others tough like a stone
 - 3. planning things ahead neatly
 - 4. getting ready for the future endeavours

Q.29 Select the option that can be used as a one-word substitute for the given group of words.

Referring to something from the past of high quality

- Ans
- 1. Outdated
 - 2. Vintage
 - 3. Culture
 - 4. Epoch

Q.30 Select the option that best explains the underlined idiom in the given sentence.
A team's captain always keeps a level head, even in the most challenging situations.

- Ans
- 1. Keeps his head protected with a helmet
 - 2. Prefers to keep his head covered with a cap
 - 3. Maintains an equal number of players on the field
 - 4. Remains calm and composed

Q.31 The following sentence has been divided into four segments. Identify the segment that contains an adverbial usage error.
Mr. Sukesh and / his family / ate the / food greedy.

- Ans
- 1. his family
 - 2. food greedy.
 - 3. ate the
 - 4. Mr. Sukesh and

Q.32 Select the most appropriate idiom that can substitute the underlined segment in the given sentence.

Reena decided not to go to work today because she was feeling sick.

- Ans
- 1. sitting on the fence
 - 2. fit as a fiddle
 - 3. going down in flames
 - 4. under the weather

Q.33 Underlined word in the sentence is not spelt correctly. Identify the correct spelling from the options given below.
He was a benaevolent young man who would help his colleagues.

- Ans
- 1. Benevolent
 - 2. Benavolent
 - 3. Benevalant
 - 4. Banevolent

Q.34 Select the most appropriate synonym of the given word.
Concordant

- Ans
- 1. Unanimous
 - 2. Abnormal
 - 3. Certain
 - 4. Harmonious

Q.35 Select the most appropriate synonym of the underlined word.
The hypothesis that the police believed in led to a lot of chaos.

- Ans
- 1. speculation
 - 2. trepidation
 - 3. breakthrough
 - 4. encounter

Q.36 Identify the INCORRECTLY spelt word in the given sentence and select the option that rectifies the misspelling.

There are difficult times too, especially when the economy takes a dip and we have to lai people off.

- Ans
- 1. Lay
 - 2. Dipe
 - 3. Dificult
 - 4. Economie

Q.37 Select the most appropriate meaning of the given idiom.
Keep your pants on

- Ans
- 1. To keep calm and quiet
 - 2. To wear the dress neatly
 - 3. To work like a tailor
 - 4. To make things proper

Q.38 Select the most appropriate option to fill in the blank.

She _____ her painting by this time next week.

- Ans
- 1. finishes
 - 2. will finish
 - 3. will have finished
 - 4. finished

Q.39 Select the INCORRECTLY spelt word...

- Ans
- 1. Reciept
 - 2. Hindrance
 - 3. Necessitate
 - 4. Irritate

Q.40 The following sentence has been split into four segments. Identify the segment that contains an error.

Ramesh licked (A) / honey and (B) / said that (C) / it tasted sweetly. (D)

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

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

It is important to (1)_____ a healthy lifestyle to maintain good physical and mental well-being. Regular (2)_____ helps improve cardiovascular health and boosts the immune system. Eating a balanced diet rich in (3)_____ vitamins and minerals is crucial for overall health. Additionally, (4)_____ stress through activities like yoga or meditation can enhance mental clarity. Getting an adequate amount of (5)_____ each night is essential for restorative activity and optimum bodily functions.

SubQuestion No : 41

Q.41 Select the most appropriate option to fill in blank number 1.

- Ans
- 1. adeptly
 - 2. adept
 - 3. adapt
 - 4. adopt

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

It is important to (1)_____ a healthy lifestyle to maintain good physical and mental well-being. Regular (2)_____ helps improve cardiovascular health and boosts the immune system. Eating a balanced diet rich in (3)_____ vitamins and minerals is crucial for overall health. Additionally, (4)_____ stress through activities like yoga or meditation can enhance mental clarity. Getting an adequate amount of (5)_____ each night is essential for restorative activity and optimum bodily functions.

SubQuestion No : 42

Q.42 Select the most appropriate option to fill in blank number 2.

- Ans
- 1. exertion
 - 2. exercise
 - 3. exalt
 - 4. exclaim

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

It is important to (1)_____ a healthy lifestyle to maintain good physical and mental well-being. Regular (2)_____ helps improve cardiovascular health and boosts the immune system. Eating a balanced diet rich in (3)_____ vitamins and minerals is crucial for overall health. Additionally, (4)_____ stress through activities like yoga or meditation can enhance mental clarity. Getting an adequate amount of (5)_____ each night is essential for restorative activity and optimum bodily functions.

SubQuestion No : 43

Q.43 Select the most appropriate option to fill in blank number 3.

- Ans
- 1. necessity
 - 2. essential
 - 3. necessitate
 - 4. necessarily

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

It is important to (1)_____ a healthy lifestyle to maintain good physical and mental well-being. Regular (2)_____ helps improve cardiovascular health and boosts the immune system. Eating a balanced diet rich in (3)_____ vitamins and minerals is crucial for overall health. Additionally, (4)_____ stress through activities like yoga or meditation can enhance mental clarity. Getting an adequate amount of (5)_____ each night is essential for restorative activity and optimum bodily functions.

SubQuestion No : 44

Q.44 Select the most appropriate option to fill in blank number 4.

- Ans
- 1. managing
 - 2. management
 - 3. manages
 - 4. managed

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

It is important to (1)_____ a healthy lifestyle to maintain good physical and mental well-being. Regular (2)_____ helps improve cardiovascular health and boosts the immune system. Eating a balanced diet rich in (3)_____ vitamins and minerals is crucial for overall health. Additionally, (4)_____ stress through activities like yoga or meditation can enhance mental clarity. Getting an adequate amount of (5)_____ each night is essential for restorative activity and optimum bodily functions.

SubQuestion No : 45

Q.45 Select the most appropriate option to fill in blank number 5.

- Ans**
- 1. relax
 - 2. sleep
 - 3. resting
 - 4. slumber

Comprehension:

Read the following passage and answer the questions that follow:

Facial recognition is based on AI technology that recognizes human faces. In fact, the technology considers a number of factors for face recognition: jawline length, the form of the cheekbones, eye sockets depth, and so on. A majority of these factors assist the technology "recall" who's the proprietor of the face. Other than unlocking your phone, facial identification brings different advantages to the agencies:

The primary component to start with is surveillance. With the assistance of face recognition technology , it will likely be less complicated to catch any burglars, thieves, or different trespassers. On the governmental level, facial recognition can help us to find out terrorists or other criminals. Face recognition is the most effective means in today's world.

The procedure of recognizing a face takes a second or much less. Considering that facial recognition is almost instant, it offers a quick and successful verification of a person.

SubQuestion No : 46

Q.46 As per the passage which facial factors are not recognized with face recognition?

- Ans**
- 1. Eye sockets
 - 2. Cheekbones structure
 - 3. Face shape
 - 4. Jawline length

Comprehension:

Read the following passage and answer the questions that follow:

Facial recognition is based on AI technology that recognizes human faces. In fact, the technology considers a number of factors for face recognition: jawline length, the form of the cheekbones, eye sockets depth, and so on. A majority of these factors assist the technology "recall" who's the proprietor of the face. Other than unlocking your phone, facial identification brings different advantages to the agencies:

The primary component to start with is surveillance. With the assistance of face recognition technology , it will likely be less complicated to catch any burglars, thieves, or different trespassers. On the governmental level, facial recognition can help us to find out terrorists or other criminals. Face recognition is the most effective means in today's world.

The procedure of recognizing a face takes a second or much less. Considering that facial recognition is almost instant, it offers a quick and successful verification of a person.

SubQuestion No : 47

**Q.47 Read the following line from the passage and select the most appropriate option that describes it :
Considering that facial recognition is almost instant, it offers a quick and successful verification of a person.**

- Ans**
- 1. Face recognition is fast and verifies a person successfully.
 - 2. Face recognition is not on spot and verifies a person partly.
 - 3. Face recognition is uneasy and verifies a person successfully.
 - 4. Face recognition is easy and verifies a person unsuccessfully.

Read the following passage and answer the questions that follow:

Facial recognition is based on AI technology that recognizes human faces. In fact, the technology considers a number of factors for face recognition: jawline length, the form of the cheekbones, eye sockets depth, and so on. A majority of these factors assist the technology "recall" who's the proprietor of the face. Other than unlocking your phone, facial identification brings different advantages to the agencies:

The primary component to start with is surveillance. With the assistance of face recognition technology, it will likely be less complicated to catch any burglars, thieves, or different trespassers. On the governmental level, facial recognition can help us to find out terrorists or other criminals. Face recognition is the most effective means in today's world.

The procedure of recognizing a face takes a second or much less. Considering that facial recognition is almost instant, it offers a quick and successful verification of a person.

SubQuestion No : 48

Q.48 What is the primary component of face recognition?

- Ans**
- 1. Locking
 - 2. Surveillance
 - 3. Verification
 - 4. Identification

Comprehension:

Read the following passage and answer the questions that follow:

Facial recognition is based on AI technology that recognizes human faces. In fact, the technology considers a number of factors for face recognition: jawline length, the form of the cheekbones, eye sockets depth, and so on. A majority of these factors assist the technology "recall" who's the proprietor of the face. Other than unlocking your phone, facial identification brings different advantages to the agencies:

The primary component to start with is surveillance. With the assistance of face recognition technology, it will likely be less complicated to catch any burglars, thieves, or different trespassers. On the governmental level, facial recognition can help us to find out terrorists or other criminals. Face recognition is the most effective means in today's world.

The procedure of recognizing a face takes a second or much less. Considering that facial recognition is almost instant, it offers a quick and successful verification of a person.

SubQuestion No : 49

Q.49 Based on your reading of the passage, select the most appropriate antonym of excessive:

- Ans**
- 1. Lavish
 - 2. Moderate
 - 3. Extreme
 - 4. Accurate

Comprehension:

Read the following passage and answer the questions that follow:

Facial recognition is based on AI technology that recognizes human faces. In fact, the technology considers a number of factors for face recognition: jawline length, the form of the cheekbones, eye sockets depth, and so on. A majority of these factors assist the technology "recall" who's the proprietor of the face. Other than unlocking your phone, facial identification brings different advantages to the agencies:

The primary component to start with is surveillance. With the assistance of face recognition technology, it will likely be less complicated to catch any burglars, thieves, or different trespassers. On the governmental level, facial recognition can help us to find out terrorists or other criminals. Face recognition is the most effective means in today's world.

The procedure of recognizing a face takes a second or much less. Considering that facial recognition is almost instant, it offers a quick and successful verification of a person.

SubQuestion No : 50

Q.50 Select the most appropriate title for the given passage:

- Ans**
- 1. Hacking and Safety
 - 2. AI interface
 - 3. Human Face
 - 4. Face Recognition