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

Exam Date	28/06/2024
Exam Time	9:00 AM - 11:00 AM
Subject	SICPO Paper I 2024

Section : General Intelligence and Reasoning

Q.1 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.2 In a code language, 'GAME' is written as 'KCQG', and 'FARM' is written as 'JCVO'. How will 'TOWN' be written in that language?

Ans ✗ 1. XAPQ

✗ 2. AXQP

✗ 3. PAXQ

✓ 4. XQAP

Q.3 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)

(21, 105, 35)
(27, 135, 45)

Ans ✓ 1. (39, 195, 65)

✗ 2. (39, 195, 55)

✗ 3. (37, 195, 65)

✗ 4. (39, 185, 65)

Q.4 Select the figure from among the given options that can logically replace the question mark (?) in the following series.

@ ‖	& !!	μ @	‖ &	**Prepp**
	@	&	μ	Your Personal Exams Guide
& μ	μ ‖	‖ !!	!! @	?

Ans

✗ 1.

| ‖   !! |
| @ |
| &   μ |

✗ 2.

| &   μ |
| !! |
| @   ‖ |

✗ 3.

| μ   !! |
| @ |
| ‖   & |

✔ 4.

| !!   μ |
| ‖ |
| @   & |

Q.5 Sunil drives 5 km from point A towards the west. He then takes a left turn and drives 6 km. He again takes a left turn and drives 11 km. He then takes a left turn and drives 6 km. He finally takes a right turn and drives 6 km to arrive at point B. How much and in which direction does he have to drive to return to point A?
(All the turns are 90° turns only.)

Ans   ✗ 1. 10 km towards the west

✗ 2. 10 km towards the east

✗ 3. 14 km towards the east

✔ 4. 12 km towards the west

Q6 Identify the figure given in the options, which when put in place of the question mark (?) will logically complete the series.

$ 9	% $	0 %	6 0	Prepp
%	0	6	9	Your Personal Exams Guide
0 6	6 9	9 $	$ %	?

Ans

✗ 1.
9 6
%
$ 0

✗ 2.
$ 9
%
0 6

✔ 3.
9 6
$
% 0

✗ 4.
9 6
$
0 %

Q.7 Identify the figure given in the options which when put in place of '?' will logically complete the series.
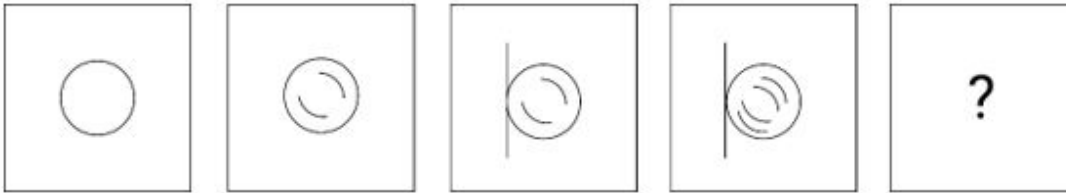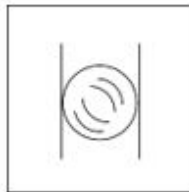

Ans

✗ 1.

✗ 2.

✔ 3.

✗ 4.

Q.8 In a certain code language, 'JAM' is written as '24' and 'GEL' is written as '24'. How will 'LAW' be written in that language?

Ans ✗ 1. 24

✔ 2. 36

✗ 3. 28

✗ 4. 32

Q.9 Select the option that indicates the correct arrangement of the given words in the order in which they appear in an English dictionary.
1- Kibble
2- Kennel
3- Kettle
4- Kicker
5- Kernel

Ans ✗ 1. 2, 3, 5, 4, 1

✗ 2. 5, 3, 2, 1, 4

✗ 3. 5, 2, 3, 1, 4

✔ 4. 2, 5, 3, 1, 4

Q.10 If 'P' stands for '÷', 'Q' stands for '×', 'R' stands for '+' and 'S' stands for '−', what will come in place of the question mark (?) in the following equation?

174 P 2 S 45 R (16 P 4) Q 5 S 26 = ?

Ans ✗ 1. 48

✗ 2. 32

✔ 3. 36

✗ 4. 44

Q.11 Select the set in which the numbers are related in the same way as are the numbers of the given 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 E operations on 1 and 3 is not allowed.)
(4, 12, 48)
(9, 27, 108)

Ans ✔ 1. (13, 39, 156)

✘ 2. (13, 36, 156)

✘ 3. (13, 36, 146)

✘ 4. (13, 39, 146)

Q.12 If + means − , − means × , × means ÷ , ÷ means +, what will come in place of the question mark (?) in the given equation?
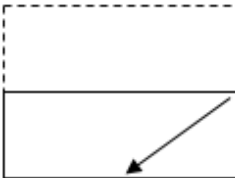
180 × 60 – 30 ÷ 30 + 20 = ?

Ans ✘ 1. 160

✘ 2. 199

✔ 3. 100

✘ 4. 200

Q.13 A transparent sheet with a pattern is given below. Select the option that depicts the pattern that would appear when the given transparent sheet is folded at the middle horizontal line.
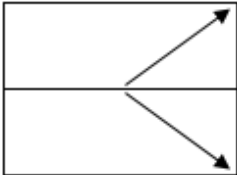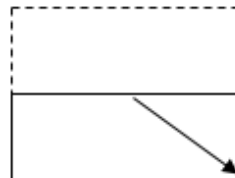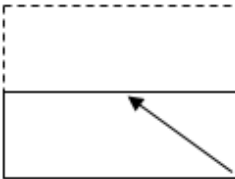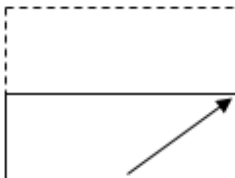

Ans

✘ 1.

✔ 2.

✘ 3.

✘ 4.

Q.14 In a certain code language,
A + B means 'A is the mother 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'
Based on the above, how is A related to E if 'A ÷ B − C + D − E × F'?

Ans ✘ 1. Father

✘ 2. Father's father

✔ 3. Mother's father

✘ 4. Brother

Q.15 Select the 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.
MAILED : DELMAI :: FABRIC : CIRFAB :: JACKET : ?

Ans ✗ 1. JKTACE

 ✗ 2. JEKCAT

 ✗ 3. TEKCAJ

 ✓ 4. TEKJAC

Q.16 If + means −, − means ×, × means ÷, ÷ means +, then what will be the value of the following expression?
145 ÷ 96 × 12 + 13 = ?

Ans ✗ 1. 170

 ✓ 2. 140

 ✗ 3. 120

 ✗ 4. 185
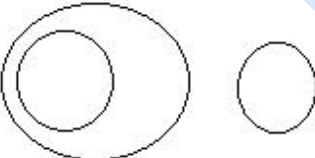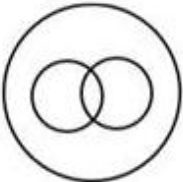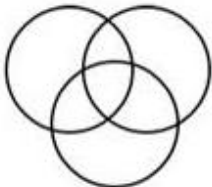
Q.17 Select the number from among the given options that can replace the question mark (?) in the following series.
38, 40, 42, 42, 46, 44, ?

Ans ✗ 1. 48

 ✓ 2. 50

 ✗ 3. 54

 ✗ 4. 52

Q.18 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?
455 A 5 D 17 C 36 B 4 = ?

Ans ✗ 1. 216

 ✗ 2. 214

 ✗ 3. 220

 ✓ 4. 218

Q.19 Select the Venn diagram that best illustrates the relationship between the following classes.
Mother, Women, Husband

Ans

 ✓ 1.

 ✗ 2.

 ✗ 3.

 ✗ 4.

Q.20 Specify the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Infant
2. Indolent
3. Inert
4. Infamous
5. Inefficient
6. Ineffable

Ans   ✗ 1. 5, 4, 3, 2, 1, 6

     ✗ 2. 5, 3, 4, 6, 2, 1

     ✔ 3. 2, 6, 5, 3, 4, 1

     ✗ 4. 2, 5, 6, 1, 4, 3

Q.21 A dice has its faces named by alphabets H, I, J, X, Y and Z. Two positions of the same dice are given below. Which face is opposite to face Y?
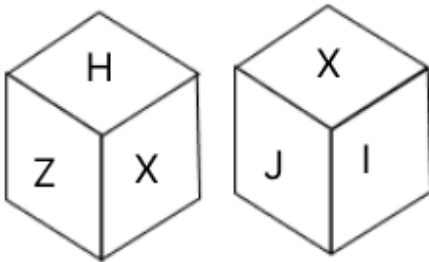
Ans   ✗ 1. J

     ✗ 2. H

     ✗ 3. Z

     ✔ 4. X

Q.22 Select the correct mirror image of the given figure when the mirror is placed at MN.

Ans   ✗ 1. ЯbS5jᑔ

     ✗ 2. Яb2Ƨiᑔ

     ✔ 3. ЯbSƧiᑔ

     ✗ 4. ЯpSƧiᑔ
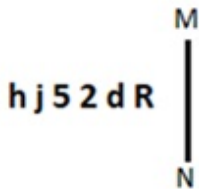
Q.23 Select the option figure in which the given figure is embedded as its part. (Rotation is not allowed.)

Ans

✗ 1.

✔ 2.
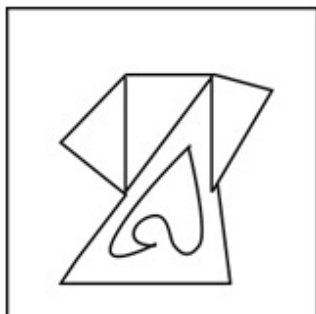
✗ 3.
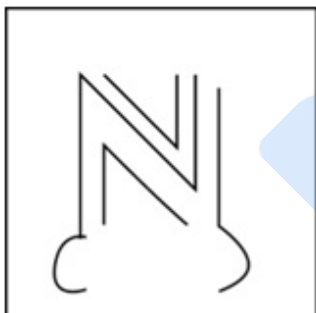
✗ 4.
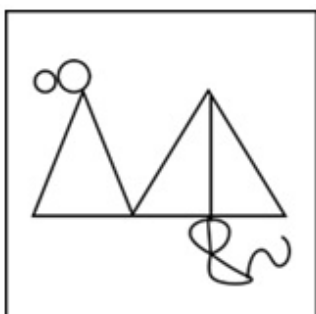
Q.24 Three different positions of the same dice are given. Find the number on the face opposite to the face showing '6'.
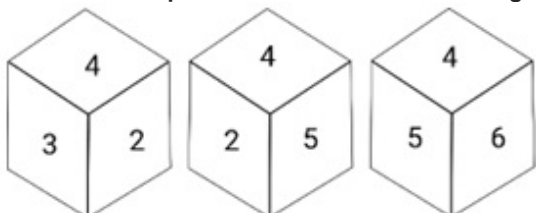
Ans ✗ 1. 3

✗ 2. 1

✗ 3. 4

Q.25 In a certain code language, 'stay for dinner' is written as 'px rn tf' and 'dinner is ready' is written as 'sq mv rn'. How is 'dinner' written in the given language?

Ans   ✗ 1. px

   ✓ 2. rn

   ✗ 3. tf

   ✗ 4. sq

Q.26 Which of the following numbers will replace the question mark (?) in the given series?
55, 62, ?, 72, 75, 82

Ans   ✗ 1. 68

   ✗ 2. 71

   ✗ 3. 69

   ✓ 4. 65

Q.27 Vani starts from point A and drives 6 km towards West. She then takes a left turn, drives 8 km. She then turns left and drives 6 km to reach point B. In which direction is point B with respect to point A?

Ans   ✗ 1. North

   ✗ 2. South-west

   ✓ 3. South

   ✗ 4. South-east

Q.28 Six friends - A,B, C, D, E and F - are sitting around a circular table, facing towards the centre of the table.
D and C are immediate neighbours of A. B is second to the right of A. F is an immediate neighbour of E , and fourth to the left of D. What is the position of E?

Ans   ✗ 1. Third to the left of A

   ✓ 2. Immediate left of C

   ✗ 3. Second to the right of A

   ✗ 4. Immediate neighbour of D and F

Q.29 Two Statements are given followed by Three conclusions numbered I, II and III. 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 blues are reds.
All greens are blues.
Conclusions:
I. No red is a blue.
II. No blue is a green.
III. No green is a red.

Ans   ✓ 1. None of the conclusions follow.

   ✗ 2. Both conclusions I and II follow.

   ✗ 3. Both conclusions I and III follow.

   ✗ 4. Both conclusions II and III follow.

Q.30 In a code language, 'PEN' is coded as '70' and 'NEST' is coded as '116'. How will 'PEON' be coded in the same language?

Ans   ✗ 1. 46

   ✗ 2. 99

   ✗ 3. 162

   ✓ 4. 100

Q.31 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?

29 A 37 B 14 C 3 A (84 D 4) A 46 = ?

Ans ✗ 1. 78

✗ 2. 97

✓ 3. 91

✗ 4. 83

Q.32 In a certain code language, 'CITY' is written as '241872', and 'DRUG' is written as '239620'. How will 'GOLF' be written in that language?

Ans ✗ 1. 18151215

✓ 2. 20121521

✗ 3. 7151212

✗ 4. 7121521

Q.33 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. LSP

✗ 2. NUR

✓ 3. JQM

✗ 4. OVS

Q.34 Find the two signs to be interchanged for making the following equation correct.
9 + 6 × 3 − 9 ÷ 1 = 10

Ans ✗ 1. × and ÷

✓ 2. ÷ and −

✗ 3. ÷ and +

✗ 4. − and +

Q.35 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.)
Episode : Series :: Chapter : ?

Ans ✓ 1. Book

✗ 2. Page

✗ 3. Author

✗ 4. Drama

Q.36 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:
1) All games are tournaments.
2) Some tournaments are matches.
Conclusions:
I. All games are matches.
II. No game is a tournament.

Ans ✗ 1. Only Conclusion II follows.

✓ 2. Neither Conclusion I nor II follows.

✗ 3. Both Conclusions I and II follow.

✗ 4. Only Conclusion I follows.

Q.37 Which of the following terms will replace the question mark (?) in the given series?
HMW, INX, JOY,?

Ans   ✗ 1. EHM

     ✓ 2. KPZ

     ✗ 3. DHM

     ✗ 4. DJB

Q.38 In the given number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the number-pair in which the numbers are related in the same way as are the numbers of the given number-pairs. (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/subtracting/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.)
(19, 200)
(15, 160)

Ans   ✗ 1. (18, 200)

     ✗ 2. (23, 300)

     ✓ 3. (22, 230)

     ✗ 4. (25, 250)

Q.39 Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.
29 : 61 :: 47 : ? :: 15 : 33

Ans   ✗ 1. 89

     ✓ 2. 97

     ✗ 3. 76

     ✗ 4. 108

Q.40 In a certain code language, 'FLY' is written as '38' and 'NUT' is written as '26'. How will 'GOD' be written in that language?

Ans   ✗ 1. 46

     ✓ 2. 55

     ✗ 3. 28

     ✗ 4. 34

Q.41 Which of the following numbers will replace the question mark (?) in the given series?
9, 20, 42, 86, 174, ?

Ans   ✗ 1. 360

     ✗ 2. 380

     ✗ 3. 370

     ✓ 4. 350

Q.42 Which letter-cluster will complete the given series?
DHMX, GJKU, _____ , MNGO

Ans   ✗ 1. IMIR

     ✗ 2. JLIS

     ✗ 3. IMIS

     ✓ 4. JLIR

Q.43 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. Brother

     ✘ 2. Father

     ✘ 3. Mother's brother

     ✘ 4. Husband

Q.44 Which of the following interchanges of signs would make the given equation correct?
10 + 23 − 3 × 63 ÷ 7 = 70

Ans   ✘ 1. ÷ and ×

     ✘ 2. + and ×

     ✔ 3. − and ×

     ✘ 4. − and +

Q.45 Which letter cluster will replace the question mark (?) to complete the given series?
WTNM, SYHT, ? , KIVH, GNPO

Ans   ✘ 1. OFHA

     ✔ 2. ODBA

     ✘ 3. UIDS

     ✘ 4. HREK

Q.46 Which of the following numbers will replace the question mark (?) in the given series?

5   8   13   ?   29   40

Ans   ✘ 1. 18

     ✘ 2. 25

     ✘ 3. 30

     ✔ 4. 20

Q.47 A sheet of paper is folded along the dotted line successively along the directions shown and is then punched in the last. How would the paper look when unfolded?

Ans

✗ 1.

✔ 2.

✗ 3.

✗ 4.
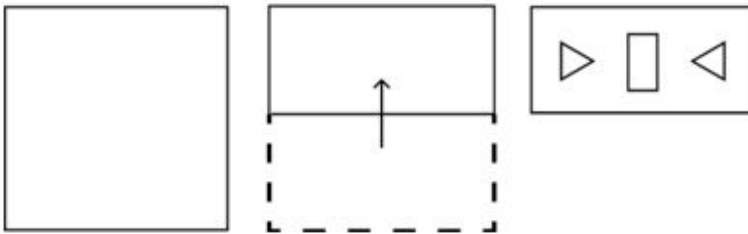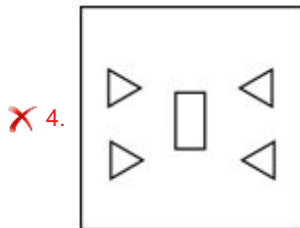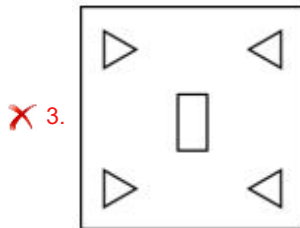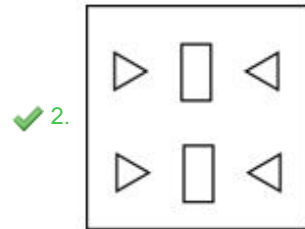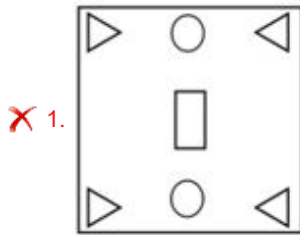
Q.48 Two statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.
Statements:
All roads are routes.
All routes are bridges.
Conclusions:
I.Some routes are roads.
II.All roads are bridges.

Ans ✗ 1. Neither conclusion I nor II follows

✔ 2. Both conclusions I and II follow

✗ 3. Only conclusion II follows

✗ 4. Only conclusion I follows

Q.49 3 is related to 2 following a certain logic. Following the same logic, 9 is related to 6. Which of the following numbers is related to 12 using the same logic?

Ans ✔ 1. 18

✗ 2. 20

✗ 3. 14

✗ 4. 16

Q.50 A dice has its faces named by letters L, M, N, V, W and X. Two positions of the same dice are given below. Which face is opposite to face X?
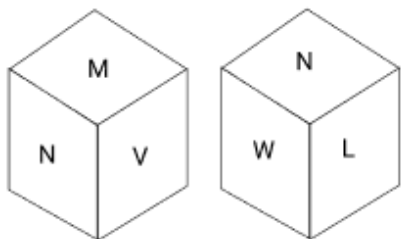
Ans ✔ 1. N

✘ 2. L

✘ 3. M

✘ 4. W

Section : **General Knowledge and General Awareness**

Q.1 When did the second urbanisation in Ganga Valley take place?

Ans ✘ 1. 5th Century BCE

✘ 2. 3rd Century BCE

✔ 3. 6th Century BCE

✘ 4. 2nd Century BCE

Q.2 Who amongst the following became the president of the second session of the Indian National Congress held in Calcutta in December 1886?

Ans ✘ 1. P Ananda Charlu

✘ 2. Badruddin Tyabji

✔ 3. Dadabhai Nauroji

✘ 4. William Wedderburn

Q.3 Ram Sahay Panday, a 'Rai' dancer from Madhya Pradesh was conferred with which of the following awards in 2022?

Ans ✘ 1. Saraswati Samman

✔ 2. Padma Shri

✘ 3. Arjuna Award

✘ 4. Dronacharya Award

Q.4 In which year was Dattopant Thengadi National Board for Workers Education and Development established?

Ans ✘ 1. 1978

✘ 2. 1968

✘ 3. 1948

✔ 4. 1958

Q.5 In which year did Lord Dalhousie introduce the railway line in British India?

Ans ✔ 1. 1853

✘ 2. 1861

✘ 3. 1870

✘ 4. 1849

Q.6 Which of the following depicts the Modern Periodic Table?

Ans
- ✗ 1. c
- ✓ 2. d
- ✗ 3. a
- ✗ 4. b

Q.7 In basketball, _____ is when a referee throws the ball up at the centre circle to determine which team gets possession.

Ans
- ✗ 1. a hook ball
- ✗ 2. a dunk ball
- ✓ 3. a jump ball
- ✗ 4. a high ball

Q.8 What are bases that are soluble in water called?

Ans
- ✗ 1. Alkenes
- ✗ 2. Acids
- ✓ 3. Alkalis
- ✗ 4. Alkanes

Q.9 Identify a substance that is NOT an allotrope of carbon.

Ans
- ✗ 1. Diamond
- ✗ 2. Graphite
- ✗ 3. Buckminsterfullerene
- ✓ 4. Phosphorus

Q.10 Who among the following was primarily an exponent of Bharatanatyam dance?

Ans
- ✗ 1. Kelucharan Mohapatra
- ✗ 2. Guru Bipin Singh
- ✓ 3. Rukmini Devi Arundale
- ✗ 4. Pandit Birju Maharaj

Q.11 In which of the following schedules of the Wildlife (Protection) Act, 1972 is the most common wild cat in India 'Felis chaus' listed?

Ans
- ✗ 1. Schedule I
- ✗ 2. Schedule III
- ✗ 3. Schedule IV
- ✓ 4. Schedule II

Q.12 What is the name of the physical feature that is the longitudinal valley lying between the Lesser Himalayas and the Siwalik in India?

Ans
- ✓ 1. Duns
- ✗ 2. Doab
- ✗ 3. Bhabhar
- ✗ 4. Terai

Q.13 In which year was the Foreign Investment Board established?

Ans ✗ 1. 1960

  ✓ 2. 1968

  ✗ 3. 1965

  ✗ 4. 1991

Q.14 At higher levels of development, which sector of the economy contributes less to the GDP?

Ans ✗ 1. Industrial sector

  ✗ 2. Service sector

  ✗ 3. Both service and agriculture sector

  ✓ 4. Agriculture sector

Q.15 Kalidas Samman 2022 for Classical Music was given to:

Ans ✓ 1. Pandit Venkatesh Kumar

  ✗ 2. Semmangudi Srinivasa Iyer

  ✗ 3. KG Subramanyan

  ✗ 4. Mallikarjun Mansur

Q.16 Identify a mobile source of food.

Ans ✗ 1. Dead goat

  ✓ 2. Deer

  ✗ 3. Shrubs

  ✗ 4. Grass

Q.17 In case the President is satisfied with the Governor's report, he may declare President's Rule under Article 356 but such proclamation is initially for a period of _____.

Ans ✗ 1. two months

  ✗ 2. one month

  ✓ 3. six months

  ✗ 4. three months

Q.18 World Athletics Under-20 Championship–2021 was held from 18 to 22 August 2021 at _____.

Ans ✗ 1. Brazil

  ✗ 2. Argentina

  ✓ 3. Kenya

  ✗ 4. South Africa

Q.19 Among the following, which is not a qualification for membership in the Vidhan Sabha

Ans ✗ 1. Not hold any office of profit

  ✗ 2. Have attained the age of 25 Years

  ✗ 3. Citizen of India

  ✓ 4. Knowledge of Politics

Q.20 According to Census 2011, which of the following languages is spoken by the least population in India?

Ans ✓ 1. Sanskrit

  ✗ 2. Dogri

  ✗ 3. Assamese

  ✗ 4. Konkani

Q.21 Which festival is celebrated after the month of Ramzan?

Ans ✅ 1. Eid ul Fitr

❌ 2. Muharram

❌ 3. Milad un Nabi

❌ 4. Jammat Ul Vida

Q.22 'Unladylike' is a memoir by _____.

Ans ❌ 1. Aditi Mittal

❌ 2. Supriya Joshi

❌ 3. Aishwarya Mohanraj

✅ 4. Radhika Vaz

Q.23 Siyaram Tewari belongs to which of the following music Gharanas?

Ans ❌ 1. Dagari

❌ 2. Kirana

✅ 3. Darbhanga

❌ 4. Bettiah

Q.24 In which of the following ways were farmers encouraged to begin to use high yielding variety seeds?

Ans ❌ 1. Farmers' children were given free education in government colleges and universities.

❌ 2. Agricultural labourers were paid wages directly by the government.

❌ 3. Farmers were given monetary support in cash to cultivate food grains.

✅ 4. The government provided seeds and other inputs at prices lower than those prevailing in the market.

Q.25 Which of the following States/Union Territories of India receives the highest average annual rainfall?

Ans ❌ 1. Rajasthan

❌ 2. Ladakh

✅ 3. Meghalaya

❌ 4. Delhi

Q.26 Which Article of the Indian Constitution mentions that 'The State shall endeavour to organise agriculture and animal husbandry on modern and scientific lines'?

Ans ❌ 1. Article 46

❌ 2. Article 42

❌ 3. Article 43

✅ 4. Article 48

Q.27 The signs of charges of electron, proton and neutron are _____, respectively.

Ans ❌ 1. negative, neutral and positive,

✅ 2. negative, positive and neutral,

❌ 3. neutral, positive and negative,

❌ 4. positive, negative and neutral,

Q.28 Kojagiri Poornima is a festival celebrated primarily in _____ on the full moon day of Ashwin month.

Ans ✅ 1. Maharashtra

❌ 2. Kerala

❌ 3. Andhra Pradesh

❌ 4. Bihar

Q.29 Which river flows into the Wular lake in the north and then into Baramulla?

Ans   ✗ 1. Beas

   ✗ 2. Sutlej

   ✓ 3. Jhelum

   ✗ 4. Ravi

Q.30 Which river originates from 'Rakshastal north-western tip' near Mansarovar?

Ans   ✓ 1. Sutlej River

   ✗ 2. Narmada River

   ✗ 3. Ravi River

   ✗ 4. Tapti River

Q.31 Who among the following wrote Gulamgiri?

Ans   ✓ 1. Jyotiba Phule

   ✗ 2. BR Ambedkar

   ✗ 3. Mahatma Gandhi

   ✗ 4. Bal Gangadhar Tilak

Q.32 Veteran Kathak Dancer Aditi Mangaldas bagged the _____ .

Ans   ✗ 1. Padma Vibhushan Award 2022

   ✗ 2. Padma Bhushan Award 2022

   ✗ 3. Bharat Ratna Award 2022

   ✓ 4. Mahari Award 2022

Q.33 The Salal HydroelectricPower Station is located in which Union Territory of India?

Ans   ✗ 1. Ladakh

   ✗ 2. Lakshadweep

   ✗ 3. Chandigarh

   ✓ 4. Jammu and Kashmir

Q.34 The book A suitable Boy was authored by _____ in 1993.

Ans   ✗ 1. Arundhati Roy

   ✗ 2. Kiran Desai

   ✓ 3. Vikram Seth

   ✗ 4. David Davidar

Q.35 The government of India recently changed the name of Rajiv Gandhi Khel Ratna Award to Dhyan Chand Khel Ratna Award, Dhyan Chand served in the Indian army as a:

Ans   ✗ 1. Major General

   ✓ 2. Major

   ✗ 3. General

   ✗ 4. Field Marshal

Q.36 Which of the following pairs of physicists and their contributions/discoveries is INCORRECT?

Ans   ✓ 1. Galileo Galilei – Wave theory of light

   ✗ 2. Michael Faraday – Laws of electromagnetic induction

   ✗ 3. Heinrich Rudolf Hertz – Generation of electromagnetic waves

   ✗ 4. Albert Einstein – Explanation of photoelectric effect

Q.37 When was the 'The Objective Resolution' moved by Pt. Jawahar Lal Nehru?

Ans ✅ 1. 13 December 1946

❌ 2. 17 November 1946

❌ 3. 15 August 1947

❌ 4. 16 November 1948

Q.38 Eutrophication can be defined as:

Ans ❌ 1. the gradual decrease in the concentration of phosphorus, nitrogen, and other plant nutrients in an aging aquatic ecosystem such as a lake

❌ 2. the gradual increase in the concentration of phosphorus, nitrogen, and other plant nutrients in desert areas

✅ 3. the gradual increase in the concentration of phosphorus, nitrogen, and other plant nutrients in an aging aquatic ecosystem such as a lake

❌ 4. the gradual increase in the concentration of phosphorus, nitrogen, and other plant nutrients in an grassland ecosystem

Q.39 In which of the following districts is Baira Siul Dam located?

Ans ❌ 1. Bilaspur

✅ 2. Chamba

❌ 3. Kinnaur

❌ 4. Mandi

Q.40 In which year did women take part in Modern Olympics for the first time?

Ans ❌ 1. 1896

❌ 2. 1904

✅ 3. 1900

❌ 4. 1916

Q.41 Which of the following banks is in charge of India's banking and monetary system?

Ans ❌ 1. Union Bank

✅ 2. RBI

❌ 3. BOB

❌ 4. SBI

Q.42 Who among the following is NOT an Odissi dancer?

Ans ✅ 1. Anita Ratnam

❌ 2. Kumkum Mohanty

❌ 3. Sonal Mansingh

❌ 4. Protima Bedi

Q.43 Which Article of the Indian Constitution mentions about the right of the Advocate-General of a state to speak in the State Legislature?

Ans ❌ 1. Article 183

❌ 2. Article 179

✅ 3. Article 177

❌ 4. Article 181

Q.44 A long, winding ridge of stratified sand and gravel is known as:

Ans ❌ 1. Moraine

✅ 2. esker

❌ 3. Aquifer

❌ 4. Erratic

Q.45 Which Assamese playback singer was conferred with the Bharat Ratna in 2019?

Ans   ✗ 1. Usha Mangeshkar

   ✗ 2. Lucky Ali

   ✗ 3. Kishore Kumar

   ✓ 4. Bhupen Hazarika

Q.46 Selling of bonds by the RBI will cause money supply to _____.

Ans   ✗ 1. increase

   ✗ 2. No relationship exists between selling bonds and money supply

   ✗ 3. fluctuate

   ✓ 4. decrease

Q.47 Diwan-i Kohi was the department of_____ introduced by Muhammad Bin Tughlaq.

Ans   ✗ 1. military

   ✓ 2. agriculture

   ✗ 3. market

   ✗ 4. charity

Q.48 Which of the following is NOT a basic feature of the Indian Constitution?

Ans   ✗ 1. Parliamentary system

   ✗ 2. Blend of rigidity and flexibility

   ✗ 3. Lengthiest written Constitution

   ✓ 4. Drawn from one source

Q.49 Dantivarman or Dantidurga was the founder of which of the following dynasties?

Ans   ✓ 1. Rashtrakuta

   ✗ 2. Chera

   ✗ 3. Pala

   ✗ 4. Pratihara

Q.50 Which of the following is the IUPAC name of m-Dichlorobenzene?

Ans   ✗ 1. 3,4-Dichlorobenzene

   ✗ 2. 1,2-Dichlorobenzene

   ✗ 3. 2,3-Dichlorobenzene

   ✓ 4. 1,3-Dichlorobenzene

Section : **Quantitative Aptitude**

Q.1 Find the value of $[\{(82 + 48 ÷ 8 × 3) + 5 × 6 \} – 7.5 × 2]$.

Ans   ✓ 1. 115

   ✗ 2. 130

   ✗ 3. 121

   ✗ 4. 125

Q.2 Solve the equation for A (in degrees):

$$2 \cos^2 A + 3 \cos A - 2 = 0, \quad 0 < A < 90°$$

Ans ✗ 1. 30°

✗ 2. 80°

✓ 3. 60°

✗ 4. 45°

Q.3

Simplify

$$1898 \div [\tfrac{13}{4} \times (35 + 45) - \tfrac{91}{4}]$$

Ans ✗ 1. 12

✗ 2. 16

✓ 3. 8

✗ 4. 4

Q.4 One laddoo with a radius of 5 cm belongs to a shopkeeper. How many laddoos of radius 2.5 cm may be created from the same one laddoo?

Ans ✗ 1. 2

✗ 2. 6

✗ 3. 4

✓ 4. 8

Q.5 If x [- 5 { - 4 (- a) }] + 6 [- 3 { -3 (- a) }] = 6a, then the value of x is:

Ans ✗ 1. −1

✗ 2. 0

✓ 3. −3

✗ 4. 2

Q.6 The following table shows the classification of 100 students based on the marks obtained by them in Maths and Science in an examination.

Subjects	Marks out of 100				
	80 and above	60 and above	40 and above	20 and above	0 and above
Maths	12	35	80	94	100
Science	16	43	76	88	100
Average (Aggregate)	14	39	78	91	100

Find the number of students scoring less than 40% marks in aggregates.

Ans ✓ 1. 22

✗ 2. 26

✗ 3. 24

✗ 4. 28

Q.7 In an election between two candidates, the candidate who gets 35% of the votes polled is defeated by 15,900 votes. What is the total number of votes polled?

Ans ✓ 1. 53,000

✗ 2. 45,000

✗ 3. 35,000

✗ 4. 43,000

Q.8 Find the value of $\dfrac{1 - \cot^2\theta}{\tan^2\theta - 1}$.

Ans ✗ 1. $\tan^2\theta$

✗ 2. $\cot\theta$

✗ 3. $\tan\theta$

✓ 4. $\cot^2\theta$

Q.9 A boatman rows 2 km in 10 mins, along the stream and 12 km in 2 hours against the stream. What is the speed of the stream?

Ans ✓ 1. 3 km/h

✗ 2. 2.5 km/h

✗ 3. 4 km/h

✗ 4. 3.5 km/h

Q.10 A boat covers 24 km upstream and 36 km downstream in 10 hours, and 36 km upstream and 24 km downstream in 12 hours. The speed of the current is:

Ans ✗ 1. $\dfrac{26}{9}\dfrac{km}{h}$

✗ 2. $\dfrac{33}{13}\dfrac{km}{h}$

✓ 3. $\dfrac{25}{8}\dfrac{km}{h}$

✗ 4. $\dfrac{24}{7}\dfrac{km}{h}$

Q.11 If $a + 2b + 3c = 0$, then what is the value of $(a^3 + 8b^3 + 27c^3)$?

Ans ✓ 1. 18 abc

✗ 2. 12 abc

✗ 3. 0

✗ 4. 6 abc

Q.12 Which of the following statements is/are correct?
A. A triangle can have all angles less than 60°.
B. A triangle can have one obtuse angle.
C. A triangle can have two right angles.
D. A triangle can have two acute angles.

Ans ✗ 1. B

✓ 2. B and D

✗ 3. A and C

✗ 4. A

Q.13 A certain amount of money becomes thrice in 5 years at compound interest. How many years it will take to become 9 times?

Ans ✗ 1. 15 years

✗ 2. 8 years

✓ 3. 10 years

✗ 4. 25 years

The following table shows the gross turnover (in crores) of a company over 5 years.

Year	Gross Turnover
2016	12
2017	18
2018	25
2019	25
2020	30

By what percentage is the gross turnover of 2020 higher than the gross turnover of 2018?

Ans
✗ 1. 5%

✗ 2. 25%

✔ 3. 20%

✗ 4. 13%

Q.15

The cost of painting a spherical vessel of diameter 14 cm is ₹21,560. What is the cost of painting (in ₹) per square centimetre? (Use $\pi = \frac{22}{7}$)

Ans
✗ 1. 30

✗ 2. 32

✗ 3. 28

✔ 4. 35

Q.16

The radius of the base and height of a cone are 5 cm and 6 cm, respectively, whereas the radius of the base and height of a cylinder are 2.5 cm and 3 cm, respectively. The ratio of the volume of the cone to that of the cylinder is:

(Where $\pi = \frac{22}{7}$)

Ans
✗ 1. 8 : 5

✗ 2. 9 : 4

✔ 3. 8 : 3

✗ 4. 3 : 5

Q.17

The value of $1 - \cfrac{1}{1 + \cfrac{1}{2 - \cfrac{1}{2 + \frac{1}{3}}}}$ is:

Ans
✗ 1. $\dfrac{7}{15}$

✗ 2. $\dfrac{3}{16}$

✔ 3. $\dfrac{7}{18}$

✗ 4. $\dfrac{3}{11}$

Q**w**

Study the given tables and answer the question that follows.

The tables show the number of candidates (in lakh) appearing in an entrance exam from four different cities and the ratio of candidates passing and failing in the same.

City	P	Q	R	S
Number of candidates	1.10	2.26	2.12	1.46

Ratio of candidates passing and failing within the city:

City	Passing	Failing
P	6	5
Q	3	7
R	5	7
S	3	5

The number of candidates passing the exam from city Q is what percentage of the total number of candidates appearing from all the cities together (rounded off to 2 decimal places)?

Ans   ✘ 1. 12.93%

✘ 2. 10.70%

✘ 3. 11.25%

✔ 4. 9.77%

Q.19 Anwesha's marks in a class text of Sanskrit were incorrectly entered as 99 instead of 66. If there are 55 students in the class, then what is the increment in the average marks of the class in Sanskrit because of this typing error?

Ans   ✘ 1. 0.2

✘ 2. 0.8

✘ 3. 0.4

✔ 4. 0.6

Q.20 Find the area (in cm^2) of the sector of a circle of radius 21 cm with a central angle of 60°. [Use $\pi = \frac{22}{7}$]

Ans   ✔ 1. 231

✘ 2. 289

✘ 3. 302

✘ 4. 245

Q.21 A sum of ₹17,600 was divided between Jeevan, Praveen and Kanan, such that the ratio of the sums received by Jeevan and Praveen was 5 : 8, while the ratio of the sums received by Praveen and Kanan was 3 : 2. How much money did Jeevan receive as his share?

Ans   ✘ 1. ₹4,900

✘ 2. ₹4,750

✘ 3. ₹4,850

✔ 4. ₹4,800

Q.22 Sparsh spends 68% of her income. Her income increases by 15% and her expenditure increases by 10%. How much is the increase in the percentage of saving? (Use decimal up to 2 digits)

Ans
- ✗ 1. 20.57%
- ✔ 2. 25.62%
- ✗ 3. 28.42%
- ✗ 4. 24.80%

Q.23 A shopkeeper buys oranges at the rate of 10 oranges for ₹50 and sells them at the rate of 12 oranges for ₹74. Find his gain or loss percentage.

Ans
- ✔ 1. $23\frac{1}{3}\%$ gain
- ✗ 2. 25% gain
- ✗ 3. 30% loss
- ✗ 4. $25\frac{1}{3}\%$ loss

Q.24 A and B together can complete a piece of work in 25 days, B and C together can complete the same piece of work in 36 days, while C and A together can complete it in 30 days. If A, B, C, and D together can complete this piece of work in 18 days, then in how many days can D alone complete this piece of work?

Ans
- ✗ 1. 225
- ✗ 2. 210
- ✔ 3. 200
- ✗ 4. 180

Q.25 A reduction of 7.5% in the cost price of a commodity enables a shopkeeper to purchase 15 kg more than what he previously purchased for a sum of ₹7,400. In order to make a profit of 32.5% on the pre-reduction cost price of the commodity, at what price (in ₹) per kg should the commodity be sold?

Ans
- ✗ 1. 54
- ✔ 2. 53
- ✗ 3. 52
- ✗ 4. 51

Q.26 The given pie chart shows the budget estimated by a family for their monthly expenses. Monthly expenses = ₹58,000.
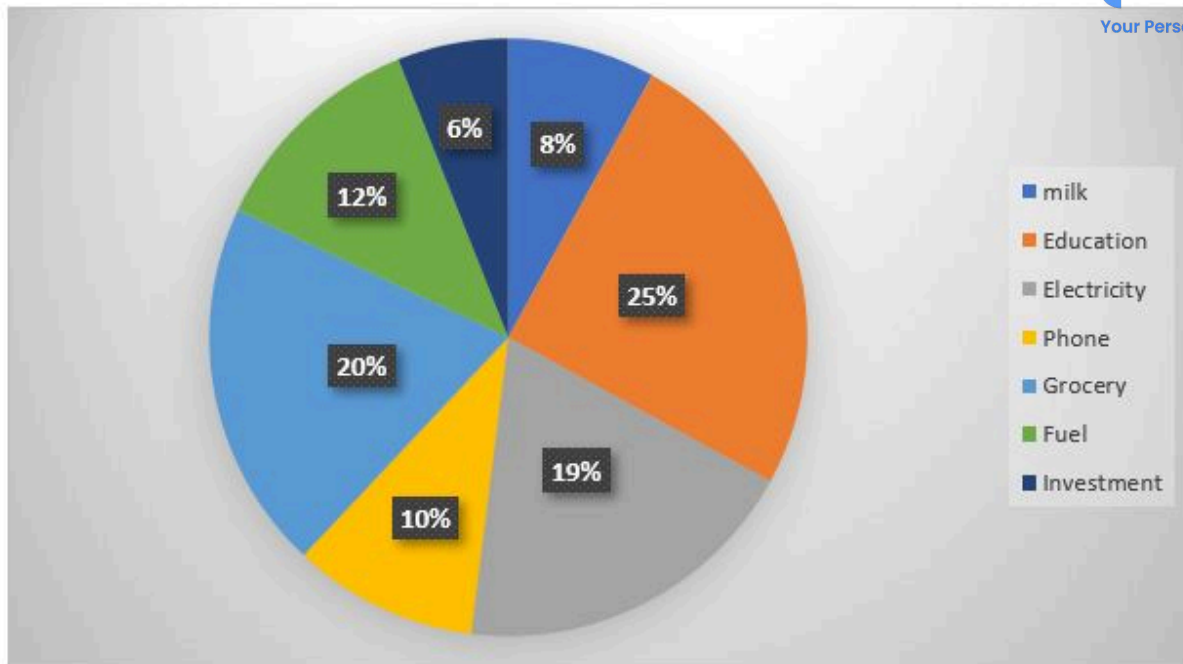
Find the difference between the amount budget amount for grocery and electricity to the amount spent on grocery and electricity, if the family actually spent ₹18,875 on both grocery and electricity.

Ans   ✗ 1. ₹3,547

   ✗ 2. ₹4,573

   ✔ 3. ₹3,745

   ✗ 4. ₹4,375

Q.27 Ravi and Sanju together can do a job in 2 days, Sanju and Mahesh can do it in 4 days, while Ravi and Mahesh can do it in 2days. What is the number of days required for Ravi to do the same job alone?

Ans   ✗ 1. 9 days

   ✔ 2. $\dfrac{8}{3}$ days

   ✗ 3. $\dfrac{5}{3}$ days

   ✗ 4. 4 days

Q.28 Simplify the following expression:

$$\frac{3.2 \times 3.2 - 0.2 \times 0.2}{0.2 \times 0.2 - 2 \times 0.2 \times 3.2 + 3.2 \times 3.2}$$

Ans
✗ 1. $\dfrac{13}{15}$

✔ 2. $\dfrac{17}{15}$

✗ 3. $\dfrac{11}{15}$

✗ 4. $\dfrac{19}{15}$

Q.29 The following table gives the information of number of students from various schools playing various games: (one student play one game only)

Game/School	A	B	C	D	E
Cricket	100	150	200	300	200
Tennis	200	220	210	210	230
Football	150	170	130	150	150
Basket ball	180	170	150	130	120
Badminton	100	150	120	130	150

The difference between the total number of students playing cricket from all the schools and the total number of students playing Tennis from all the schools is:

Ans
✗ 1. 150

✔ 2. 120

✗ 3. 100

✗ 4. 80

Q.30 Find the natural number obtained when the number 13 is subtracted from the mean proportional of 75 and 12.

Ans
✗ 1. 14

✗ 2. 30

✗ 3. 27

✔ 4. 17

Q.31 The radius of a hemispherical bowl is 9 cm. The capacity of the bowls is:
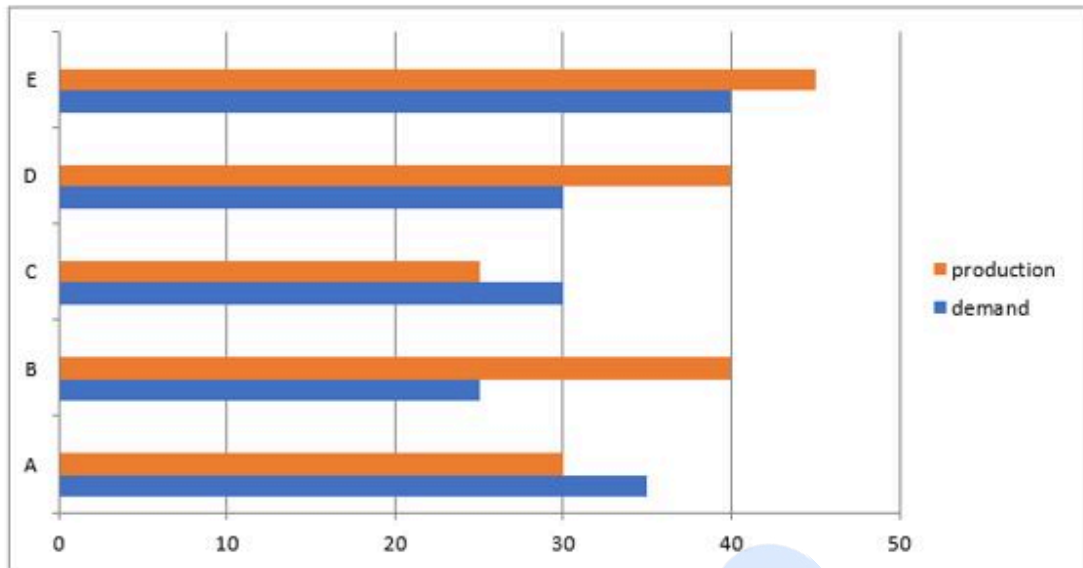
(Use $\pi = \frac{22}{7}$)

Ans
✔ 1. 1527.43 cm³

✗ 2. 1428.78 cm³

✗ 3. 1625.37 cm³

✗ 4. 1821.47 cm³

Q.32 The following bar graph indicates the demand and production (in hundreds) of 5 companies A, B, C, D and E. X-axis indicates the demand and production (in hundreds) and Y-axis indicates the companies. Study the bar graph carefully and answer the question that follows.

Find the difference between the average demand and average production of the five companies taken together.

Ans ✗ 1. 500

✔ 2. 400

✗ 3. 2000

✗ 4. 1000

Q.33

If $\frac{(\sec A + \tan A)}{\sec A - \tan A} = 2\frac{51}{79}$, then the value of sin A is equal to:

Ans

✗ 1. $\frac{77}{144}$

✗ 2. $\frac{61}{169}$

✗ 3. $\frac{87}{169}$

✔ 4. $\frac{65}{144}$

Q.34 Simplify $20 \div 5$ of $4 \times 8 + 6 \div 24$ of $3 \times 48 - 6 \div 18 \times 9$.

Ans ✔ 1. 9

✗ 2. 6

✗ 3. 4

✗ 4. 1.125

Q.35 Of the three angles of a triangle, one is twice the smallest and another one is thrice the smallest. Find the value of the smallest angle.

Ans   ✗ 1. 65°

     ✔ 2. 30°

     ✗ 3. 60°

     ✗ 4. 45°

Q.36 Two trains 230 m and 270 m long are running in opposite directions at speeds of 42 km/h and 48 km/h, respectively. They cross each other in:

Ans   ✗ 1. 30 seconds

     ✗ 2. 22 seconds

     ✔ 3. 20 seconds

     ✗ 4. 25 seconds

Q.37 If $x = 110, y = 111, z = 112$, then find the value of $x^3 + y^3 + z^3 - 3xyz$.

Ans   ✔ 1. 999

     ✗ 2. 991

     ✗ 3. 997

     ✗ 4. 995

Q.38 The following bar graph shows the sales (in thousands) of magazines from six branches (A, B, C, D, E and F) of a publishing company during two consecutive years 2021 and 2022.
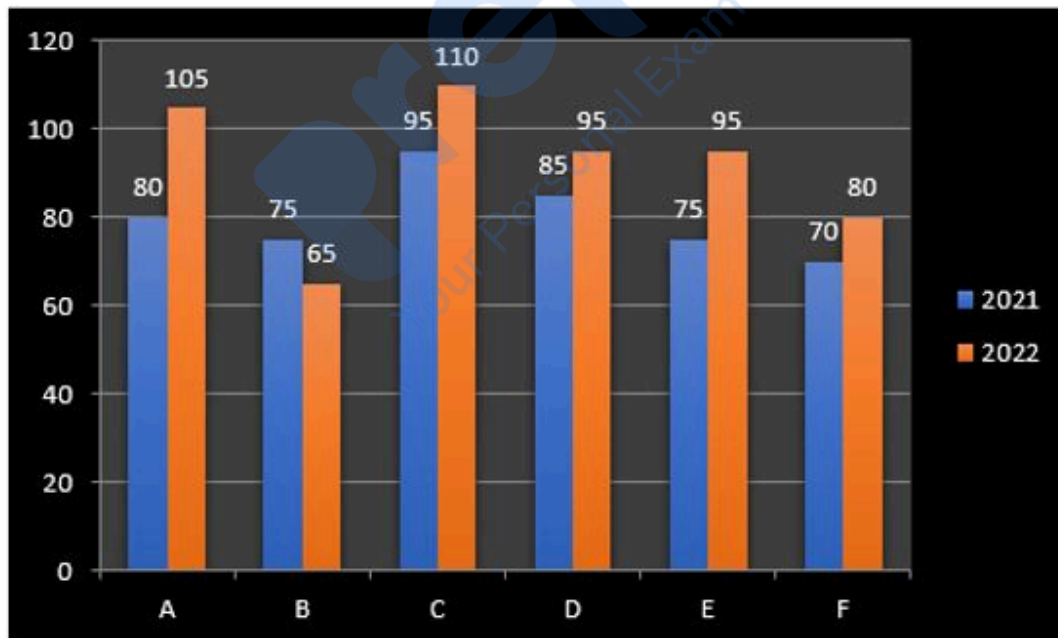
What percentage of the total sales of branch C for both years is the total sales of branch F for both years? (round your answer up to two decimal places)

Ans   ✗ 1. 65.21%

     ✗ 2. 53.25%

     ✔ 3. 73.17%

     ✗ 4. 85.25%

Q.39 Simplify [25 - (- 4){9 - (6 - 2)}] ÷ [3 × {6 + (- 3) × (- 3)}].

Ans
- ✗ 1. 2
- ✗ 2. 6
- ✔ 3. 1
- ✗ 4. 4

Q.40 Simplify $\dfrac{\cos 13° + \sin 13°}{\cos 13° - \sin 13°}$.

Ans
- ✗ 1. $\cot 58°$
- ✗ 2. $\tan 32°$
- ✔ 3. $\tan 58°$
- ✗ 4. $\cos 26°$

Q.41 S drives his car and covers 37 km and 500 m in 90 minutes. What is his average speed (in km/h)?

Ans
- ✔ 1. 25
- ✗ 2. 22.5
- ✗ 3. 40
- ✗ 4. 20

Q.42 In how many years will ₹2,500 be invested at the rate of 12% per annum simple interest, which amounts to ₹4,900?

Ans
- ✗ 1. 2
- ✔ 2. 8
- ✗ 3. 6
- ✗ 4. 4

Q.43 A number is first decreased by 10%, then increased by 30% and then further it is decreased by 20%. What is the net decrease percentage in the number?

Ans
- ✗ 1. $4\frac{1}{5}\%$
- ✔ 2. $6\frac{2}{5}\%$
- ✗ 3. $5\frac{3}{5}\%$
- ✗ 4. $3\frac{4}{5}\%$

Q.44 A seller offers a discount of 12% if the total sale price of different products purchased by a single customer is below ₹3,000, and discount of 15% if the total sale value of all the products exceeds ₹3,000. A shirt costing ₹900 was sold to Anand after earning a margin of 9% and also a jacket costing ₹1,900 was sold to him after a margin of 6%. How much does Anand have to pay (in ₹) for the final settlement of the bill?

Ans
- ✗ 1. 2,953.60
- ✗ 2. 3,005.40
- ✗ 3. 2,645.60
- ✔ 4. 2,635.60

Q.45 The angles of a triangle are in the ratio 1 : 2 : 3, then find the ratio of the corresponding sides.

Ans
✗ 1. $1 : 2 : \sqrt{3}$

✗ 2. $1 : 2 : 3$

✗ 3. $1 : \sqrt{2} : 3$

✔ 4. $1 : \sqrt{3} : 2$

Q.46 The length of the side of a cube is 8 cm. Find the volume of the cube?

Ans
✗ 1. 612 cm^3

✔ 2. 512 cm^3

✗ 3. 664 cm^3

✗ 4. 564 cm^3

Q.47 A retailer marks up his goods by 130% and offers 25% discount. What will be the selling price (in ₹) if the cost price is ₹ 1600?

Ans
✗ 1. 3680

✔ 2. 2760

✗ 3. 1765

✗ 4. 1980

Q.48 The value of $64 \div [44 - (8 \text{ of } 3 - 16) \div 4 \times 20]$ is equal to:

Ans
✗ 1. 12

✗ 2. 18

✔ 3. 16

✗ 4. 15

Q.49 The value of $29 - [(48 \div 12) + 2 \times (8 \div 4 + 4)]$ is equal to:

Ans
✔ 1. 13

✗ 2. 15

✗ 3. 21

✗ 4. 19

Q.50 The value of $5\frac{1}{4} - \left[3\frac{1}{2} - \left\{\frac{5}{6} - \left(\frac{3}{5} \times \frac{1}{10} \div \frac{4}{15}\right)\right\}\right]$ is:

Ans

✗ 1. $1\frac{81}{120}$

✗ 2. $1\frac{97}{120}$

✔ 3. $2\frac{43}{120}$

✗ 4. $2\frac{47}{120}$

Section : **English Comprehension**

Q.1 Select the most appropriate option to substitute the underlined part of the following sentence.
Mathew decided to complete the marathon to prove that he is still <u>fit as a fiddle</u> in his eighties.

Ans ✗ 1. an owner of a fit horse

✓ 2. a fit and energetic person

✗ 3. a man of great qualities

✗ 4. proud and unreliable

Q.2 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.
By the time I reaching / the metro station, / the train had departed.

Ans ✓ 1. By the time I reaching

✗ 2. the metro station

✗ 3. the train had departed

✗ 4. no error

Q.3 Select the most appropriate option to fill in the blank.
Mihir's ability to think outside _____ always gives our team the upper hand when tackling complex problems.

Ans ✓ 1. the box

✗ 2. the bowl

✗ 3. the cupboard

✗ 4. the room

Q.4 Select the most appropriate ANTONYM of the underlined word in the given sentence.
The beauty of cherry blossoms is <u>ephemeral</u>, as the delicate pink petals bloom for only a short period.

Ans ✗ 1. Transient

✓ 2. Permanent

✗ 3. Uniform

✗ 4. Unwavering

Q.5 Select the most appropriate synonym of the given word.
Voracious

Ans ✗ 1. Compensated

✗ 2. Quenched

✗ 3. Appreciate

✓ 4. Greedy

Q.6 Select the correctly spelt word.

Ans ✗ 1. machinary

✗ 2. dispensery

✗ 3. dictionery

✓ 4. directory

Q.7 Select the most appropriate idiom that can substitute the underlined words in the given sentence.
It's Christmas and everything looks so beautiful. It makes me believe that <u>life is wonderful and pleasant</u>.

Ans ✗ 1. I'm facing the music

✗ 2. I'm changing my tune

✓ 3. life is a bowl of cherries

✗ 4. I'm up in the air

Q.8 Select the most appropriate synonym of the given word.
Dainty

Ans ✔ 1. Elegant

✘ 2. Sable

✘ 3. Fine

✘ 4. Vulgar

Q.9 Select the most appropriate meaning of the given idiom.
Beat around the bush.

Ans ✘ 1. To talk about something important.

✘ 2. To go around the bush.

✘ 3. To live around the bush.

✔ 4. To avoid talking about what is important.

Q.10 Select the most appropriate option that can substitute the underlined words in the given sentence.

My son will <u>carry out my business</u> in my absence.

Ans ✘ 1. carry for

✔ 2. carry on

✘ 3. carry in

✘ 4. carry at

Q.11 Select the most appropriate option to substitute the underlined segment in the given sentence.

It is a fact that the same judgement can often <u>be taken by more than</u> one way.

Ans ✔ 1. be taken in more than

✘ 2. be taken on more than

✘ 3. be taken of more than

✘ 4. be taken for more than

Q.12 Select the most appropriate synonym of the given word.
Pacify

Ans ✔ 1. Soothe

✘ 2. Strengthen

✘ 3. Blame

✘ 4. Rebuke

Q.13 Select the most appropriate option that can substitute the underlined segment in the given sentence.
The company plans <u>to expand</u> its business to the international market.

Ans ✘ 1. to limit

✘ 2. to contract

✘ 3. to reduce

✔ 4. to increase

Q.14 Identify the INCORRECTLY spelt word in the given sentence and select the option that rectifies the spelling error.
The idea is to encourage tourism and allow visitors to enjoy the spectacular Rockies, but to ensure that it is done in hermony with the environment.

Ans ✘ 1. Touresm

✔ 2. Harmony

✘ 3. Encaurage

✘ 4. Enssure

Q.15 Select the option that can be used as a one-word substitute for the given group of words.
The study of Man

Ans ✓ 1. Anthropology

✗ 2. Biography

✗ 3. Autobiography

✗ 4. Biology

Q.16 Select the most appropriate segment to substitute the underlined words in the given sentence.

He always used to say that he was not a beggar by choice and if someone could employ him, he would <u>like to eat</u>.

Ans ✗ 1. live to work

✗ 2. listen to me

✓ 3. love to work

✗ 4. linger at work

Q.17 Select the most appropriate idiom that can substitute the underlined segment in the given sentence.

I don't know which career he will choose. He <u>delays making strong decisions</u>.

Ans ✗ 1. is as clean as a whistle

✓ 2. sits on the fence

✗ 3. spills the beans

✗ 4. turns a blind eye

Q.18 The following sentence has been divided into parts. One of them contains an error. Select the part that contains the error from the given options.
Mr. Thomas / is going / to buy / horse.

Ans ✗ 1. to buy

✗ 2. Mr. Thomas

✗ 3. is going

✓ 4. horse

Q.19 Select the option that expresses the meaning of the underlined segment.
The regulation bans any direct or indirect promotion through radio or television of <u>supernatural</u> practices.

Ans ✗ 1. Questionable

✗ 2. Evident

✗ 3. Obtuse

✓ 4. Occult

Q.20 Select the most appropriate option to substitute the underlined segment in the given sentence.
Rajan's caused <u>extremely painful</u> headaches.

Ans ✓ 1. excruciating

✗ 2. devastating

✗ 3. horrible

✗ 4. extreme

Q.21 Which is the right set of ANTONYMS from the options for 'Confidential'?

Ans ✗ 1. Public, Concealed

✗ 2. Offstage, Sneaking

✗ 3. Hushed, Common

✓ 4. Familiar, Revealed

Q.22 Select the option that can be used as a one-word substitute for the given group of words.
A film shown during the day, especially in the afternoon

Ans ✗ 1. Theatre

✗ 2. Dramatics

✔ 3. Matinee

✗ 4. Cinema

Q.23 Parts of the following sentence have been given as options. Select the option that contains an error.
My father is comparatively better today.

Ans ✔ 1. comparatively better

✗ 2. today.

✗ 3. My father

✗ 4. is

Q.24 Choose the INCORRECTLY spelt word in the given sentence.
It may seem pretintious to say so but I cannot live without my essential articles.

Ans ✗ 1. cannot

✔ 2. pretintious

✗ 3. articles

✗ 4. essential

Q.25 Select the option that can be used as a one-word substitute for the italicised segment in the given sentence.

Tin is *easy to shape in any desired form*.

Ans ✗ 1. rigid

✗ 2. immutable

✔ 3. malleable

✗ 4. gullible

Q.26 Select the most appropriate idiom that can substitute the underlined segment in the given sentence.
We need to make sure that criminals like these get more from the authorities than a very mild punishment.

Ans ✗ 1. a taste of their own medicine

✗ 2. an axe to grind

✗ 3. a blessing in disguise

✔ 4. a slap on the wrist

Q.27 Select the most appropriate synonym of the given word.
Filthy

Ans ✗ 1. Tidy

✗ 2. Shiny

✔ 3. Dirty

✗ 4. Visual

Q.28 Select the most appropriate ANTONYM of the underlined word.
Indians tend to be quite conservative in most aspects of life, particularly in rural areas.

Ans ✗ 1. Authentic

✗ 2. Fantastic

✗ 3. Determined

✔ 4. Liberal

Q.29 Select the most appropriate meaning of the underlined idiom.

Despite multiple obstacles, she continued with her endeavour, demonstrating that she has <u>nerves of steel</u>.

Ans ✗ 1. The capacity to maintain composure when stressed

✗ 2. Extraordinary beauty

✓ 3. An absence of fear or anxiety

✗ 4. Relentless determination

Q.30 Select the most appropriate option to substitute the underlined segment in the given sentence.
The manager, decided at last to <u>bring the stenographer to book</u> for her illegal money transactions after trying to ignore it several times.

Ans ✗ 1. bring her for a detailed investigation

✗ 2. take her into great confidence

✓ 3. make her accountable for her conduct

✗ 4. place her in a safe supportive position

Q.31 Select the option that can be used as a one-word substitute for the given group of words.

A list of books

Ans ✗ 1. Bibliography

✓ 2. Catalogue

✗ 3. Lexicon

✗ 4. Manuscript

Q.32 In question four alternatives are given for the underlined Idiom/Phrase in the sentence. Choose the alternative which best expresses the meaning of the Idiom/Phrase.
In life, there will be many situations where you have to choose <u>between the devil and the deep blue sea</u>.

Ans ✓ 1. To be in dilemma to choose

✗ 2. To be in a good condition

✗ 3. To be in the deep sea

✗ 4. To choose wisely

Q.33 Select the option that can be used as a one-word substitute for the given group of words.

The period of time in a person's life when they are developing into an adult

Ans ✗ 1. Teenage

✓ 2. Adolescence

✗ 3. Childhood

✗ 4. Adultery

Q.34 Select the INCORRECTLY spelt word.

Ans ✗ 1. Unexpected

✓ 2. Programe

✗ 3. Pilgrimage

✗ 4. Campaign

Q.35 Select the INCORRECTLY spelt word.

Ans ✗ 1. dictionary

✓ 2. chancellary

✗ 3. directory

✗ 4. granary

Q.36 Specify the sentence that has the correct use of words and spellings from the options given below.

Ans
✔ 1. The skilled surgeon delicately performed the intricate procedure, saving the patient's life with his steady hands and unwavering focus.

✘ 2. The skiled surgeon delicatly performed the intricate procedure, saving the patient's life with his stedy hands and unwavering focus.

✘ 3. The skilled surgeon delicately performed the intrecate procedure, saving the patient's life with his steady hands and unwavering focus.

✘ 4. The skilled surgeon delicatly performed the intricate procedure, saving the patient's life with his stedy hands and unwavering focus.

Q.37 Which of the following words has a similar meaning to the underlined word?
Numerous tremors without any tectonic plate movement have <u>baffled</u> geologists.

Ans
✘ 1. Angered

✔ 2. Perplexed

✘ 3. Amused

✘ 4. Irritated

Q.38 Select the option that can be used as a one-word substitute for the underlined group of words.

There was <u>a huge fire for celebration</u> on the occasion of Diwali.

Ans
✘ 1. Flash

✔ 2. Bonfire

✘ 3. Lohri

✘ 4. Firecracker

Q.39 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

If I have recovered from fever, / I will start going / for swimming classes / from tomorrow.

Ans
✘ 1. I will start going

✔ 2. If I have recovered from fever

✘ 3. from tomorrow

✘ 4. for swimming classes

Q.40 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.
Last night I dreamed that / I am looking for the/ abominable snowman high / up in the Himalayas.

Ans
✔ 1. I am looking for the

✘ 2. up in the Himalayas

✘ 3. Last night I dreamed that

✘ 4. abominable snowman high

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.
"Can I come along with you on your fishing trip, please?" asked Millie. Her two elder brothers (1)_____ at her scornfully. "Fishing is a man's (2) _____," said her older brother, Derek. "Girls are not (3) _____ at fishing." (4) _____ a while, however, Millie managed to persuade her brothers to take her (5) _____. When they reached the fishing pond, the two brothers wandered off by themselves.

SubQuestion No : 41

Q.41 Select the correct option to fill blank 1.

Ans
✘ 1. observed

✘ 2. saw

✘ 3. watched

✔ 4. looked

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.

"Can I come along with you on your fishing trip, please?" asked Millie. Her two elder brothers (1)_____ at her scornfully. "Fishing is a man's (2) _____," said her older brother, Derek. "Girls are not (3) _____ at fishing." (4) _____ a while, however, Millie managed to persuade her brothers to take her (5) _____. When they reached the fishing pond, the two brothers wandered off by themselves.

SubQuestion No : 42

Q.42 **Select the correct option to fill blank 2.**

Ans ✗ 1. competition

✗ 2. gaming

✗ 3. matches

✔ 4. sport

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.

"Can I come along with you on your fishing trip, please?" asked Millie. Her two elder brothers (1)_____ at her scornfully. "Fishing is a man's (2) _____," said her older brother, Derek. "Girls are not (3) _____ at fishing." (4) _____ a while, however, Millie managed to persuade her brothers to take her (5) _____. When they reached the fishing pond, the two brothers wandered off by themselves.

SubQuestion No : 43

Q.43 **Select the correct option to fill blank 3.**

Ans ✗ 1. acceptable

✔ 2. good

✗ 3. likeable

✗ 4. sound

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.

"Can I come along with you on your fishing trip, please?" asked Millie. Her two elder brothers (1)_____ at her scornfully. "Fishing is a man's (2) _____," said her older brother, Derek. "Girls are not (3) _____ at fishing." (4) _____ a while, however, Millie managed to persuade her brothers to take her (5) _____. When they reached the fishing pond, the two brothers wandered off by themselves.

SubQuestion No : 44

Q.44 **Select the correct option to fill blank 4.**

Ans ✗ 1. Nearly

✗ 2. Then

✗ 3. Before

✔ 4. After

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.

"Can I come along with you on your fishing trip, please?" asked Millie. Her two elder brothers (1)_____ at her scornfully. "Fishing is a man's (2) _____," said her older brother, Derek. "Girls are not (3) _____ at fishing." (4) _____ a while, however, Millie managed to persuade her brothers to take her (5) _____. When they reached the fishing pond, the two brothers wandered off by themselves.

SubQuestion No : 45

Q.45 **Select the correct option to fill blank 5.**

Ans ✗ 1. within

✗ 2. among them

✗ 3. with them

✔ 4. along

Comprehension:

Read the given passage and answer the questions that follow.

New media is a catch-all term used for various kinds of electronic communications that are conceivable due to innovation in computer technology. In contrast to 'old' media, which includes newspapers, magazines, books, television and other such non-interactive media, new media comprises websites, online video/audio streams, emails, online social platforms, online communities, online forums, blogs, internet telephony, web advertisements, online education and much more. It is not very easy to draw a line between the new and old media because the so-called old media has found new ways of representation in digital forms, leaving behind its conventional methods of representation. New media is considered to be the multimedia and digital form of communication happening via desktop and laptop computers as well as phones, tablets and other devices. New media has introduced user interaction, rather than simply consuming media. New media can be customised to users' preferences and it can be selectively linked from one form of content to another.

SubQuestion No : 46

Q.46   What does the term 'Catch-all' mean?

Ans   ✔ 1. A category which includes many different things

✘ 2. A category which includes all the types of media

✘ 3. A category that includes all the sources of entertainment

✘ 4. A category that includes all the sources of information

Comprehension:

Read the given passage and answer the questions that follow.

New media is a catch-all term used for various kinds of electronic communications that are conceivable due to innovation in computer technology. In contrast to 'old' media, which includes newspapers, magazines, books, television and other such non-interactive media, new media comprises websites, online video/audio streams, emails, online social platforms, online communities, online forums, blogs, internet telephony, web advertisements, online education and much more. It is not very easy to draw a line between the new and old media because the so-called old media has found new ways of representation in digital forms, leaving behind its conventional methods of representation. New media is considered to be the multimedia and digital form of communication happening via desktop and laptop computers as well as phones, tablets and other devices. New media has introduced user interaction, rather than simply consuming media. New media can be customised to users' preferences and it can be selectively linked from one form of content to another.

SubQuestion No : 47

Q.47   Select the most appropriate synonym of the word 'Customise'.

Ans   ✔ 1. Personalise

✘ 2. Generalise

✘ 3. Realise

✘ 4. Ritualised

Comprehension:

Read the given passage and answer the questions that follow.

New media is a catch-all term used for various kinds of electronic communications that are conceivable due to innovation in computer technology. In contrast to 'old' media, which includes newspapers, magazines, books, television and other such non-interactive media, new media comprises websites, online video/audio streams, emails, online social platforms, online communities, online forums, blogs, internet telephony, web advertisements, online education and much more. It is not very easy to draw a line between the new and old media because the so-called old media has found new ways of representation in digital forms, leaving behind its conventional methods of representation. New media is considered to be the multimedia and digital form of communication happening via desktop and laptop computers as well as phones, tablets and other devices. New media has introduced user interaction, rather than simply consuming media. New media can be customised to users' preferences and it can be selectively linked from one form of content to another.

SubQuestion No : 48

Q.48   Which of the following is NOT a type/kind of new media?

Ans   ✘ 1. Web advertisements

✘ 2. Emails

✔ 3. Television

✘ 4. Online video streams

Comprehension:

Read the given passage and answer the questions that follow.
New media is a catch-all term used for various kinds of electronic communications that are conceivable due to innovation in computer technology. In contrast to 'old' media, which includes newspapers, magazines, books, television and other such non-interactive media, new media comprises websites, online video/audio streams, emails, online social platforms, online communities, online forums, blogs, internet telephony, web advertisements, online education and much more. It is not very easy to draw a line between the new and old media because the so-called old media has found new ways of representation in digital forms, leaving behind its conventional methods of representation. New media is considered to be the multimedia and digital form of communication happening via desktop and laptop computers as well as phones, tablets and other devices. New media has introduced user interaction, rather than simply consuming media. New media can be customised to users' preferences and it can be selectively linked from one form of content to another.

SubQuestion No : 49

Q.49 **How does the passage distinguish new media from old media?**

Ans ✗ 1. New media caters to a larger audience and is more popular than old media.

✗ 2. New media increases screen time and could be addictive and unhealthy, unlike old media.

✓ 3. New media includes user interaction, whereas, through old media, we only consume information.

✗ 4. New media is fast and digitally based, whereas old media has never been beyond the conventional methods of representation.

Comprehension:

Read the given passage and answer the questions that follow.
New media is a catch-all term used for various kinds of electronic communications that are conceivable due to innovation in computer technology. In contrast to 'old' media, which includes newspapers, magazines, books, television and other such non-interactive media, new media comprises websites, online video/audio streams, emails, online social platforms, online communities, online forums, blogs, internet telephony, web advertisements, online education and much more. It is not very easy to draw a line between the new and old media because the so-called old media has found new ways of representation in digital forms, leaving behind its conventional methods of representation. New media is considered to be the multimedia and digital form of communication happening via desktop and laptop computers as well as phones, tablets and other devices. New media has introduced user interaction, rather than simply consuming media. New media can be customised to users' preferences and it can be selectively linked from one form of content to another.

SubQuestion No : 50

Q.50 **Why is it not easy to draw a line between old media and new media?**

Ans ✗ 1. Because both include various kinds of medium

✓ 2. Because old media has found new ways of representation in digital forms

✗ 3. Because new media can be customised to users' preferences

✗ 4. Because new media is considered to be the multimedia and digital form of communication