

Roll No.
Candidate Name
Exam Name : PC-01 ▼
Test Date : 02/12/2022
Test Time : Shift - 1
Center : Gwalior-5 (BVM College of Management & Education)

Correct Option selected Wrong Option selected or Not Answered Correct Option

Q.No: 1 In which year Beer Singh Deo Mahal of Datia was built?

- A 1613
B 1614
C 1612
D 1611

चक्र प्रश्न पर पूर्व में आपत्ति दर्ज की जा चुकी है। अतः पुनः आपत्ति दर्ज नहीं की जा सकेगी।

Q.No: 2 The Maikal range is the most prominent landform of the _____ Tiger Reserve, which runs in a north-south direction.

- A Kanha
B Bori
C Sanjay
D Pench

Q.No: 3 Which of the following country is India's largest arms supplier in 2020?

- A Germany
B Russia
C America
D France

Q.No: 4 In which of the following places is Kabirchabutra, where Sant Kabir is said to have meditated, situated?

- A Amarkantak
B Maheshwar
C Jabalpur
D Sanchi

Q.No: 5 Which country has won the most gold medals in hockey in the Olympics?

- A Argentina
B Canada
C India
D America

Q.No: 6 Madhya Pradesh has _____ sq km of reserve forest area.

- A 61,886
B 1,200
C 5,057
D 18,900

Q.No: 7 The Rashtriya Devi Ahilya Samman is NOT given to -

- A Personalities in the field of traditional arts
B Artists
C Men
D Personalities in the field of folk arts

Q.No: 8 Which ministry has launched the Atmanirbhar Niveshak Mitra portal to digitally facilitate investors?

- A Ministry of Commerce and Industry
- B Ministry of Agriculture
- C Ministry of Corporate Affairs
- D Ministry of Finance

Q.No: 9 Who among the following became the Nawab of Bengal in 1756 after the death of Alivardi Khan?

- A Mir Zafar
- B Sarfaraaz Khan
- C Shujauddin Khan
- D Sirajuddaulah

उक्त प्रश्न पर पूर्व में आपत्ति दर्ज की जा चुकी है। अतः पुनः आपत्ति दर्ज नहीं की जा सकेगी।

Q.No: 10 Under the State Budget 2021-22, the government has allocated How many crore (US\$ 35.73 million) for metro projects in Bhopal and Indore?

- A Rs. 330 crore
- B Rs. 262 crore
- C Rs. 490 crore
- D Rs. 158 crore

Q.No: 11 Who among the following is included in the Presidential election Board ?

- A Elected members of Lok Sabha, Rajya Sabha and State Legislative Assembly along with Delhi and Puducherry
- B Elected members of Lok Sabha, Rajya Sabha and State Legislative Council
- C Elected members of Lok Sabha, Rajya Sabha and State Legislative Assembly
- D राष्ट्रपति के निर्वाचन मंडल में निम्न में से कौन शामिल होते हैं?

Q.No: 12 Krishna Rao Pandit is an eminent ____.

- A sarod-player
- B singer
- C sitarist
- D tabla-player

Q.No: 13 Junagarh Fort is situated in which city?

- A Jaipur
- B Bharatpur
- C Jaisalmer
- D Bikaner

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Q.No: 14 As per the fifth edition of the National Family Health Survey, the neonatal mortality in Madhya Pradesh is -

- A 37.0 per 1000 live births
- B 33.0 per 1000 live births
- C 41.0 per 1000 live births
- D 29.0 per 1000 live births

Q.No: 15 The M.P. Panchayat Raj Avam Gram Swaraj Adhiniyam was enacted in which year?

- A 1988
- B 1999
- C 1996
- D 1993

Q.No: 16 Who is the author of the recently published book "It's A Wonderful Life"?

- A Salman Rushdie
- B C.K. Gargali

C Priyadarshini Rajkumar
D Ruskin Bond

Q.No: 17 Which among the following amendment in Indian constitution makes the education a fundamental right?
A 85th Amendment
B 69th Amendment
C 86th Amendment
D 71st Amendment

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Q.No: 18 Which one of the following is not the highest mountain peak of the Himalayan Mountains?
A Mount Abu
B Manaslu
C Chomolhari
D Kula Kangri

Q.No: 19 Kandariya Mahadeva temple is situated in which of the following places?
A Gwalior
B Bhopal
C Indore
D Khajuraho

Q.No: 20 Manipuri classical dance is associated with which state?
A Assam
B Manipur
C Nagaland
D Meghalaya

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Q.No: 21 What is incorrect about the importance of biodiversity?
A Provide nutrient storage and recycling.
B Provide soil for agriculture.
C Promote soil formation and protection.
D Protect freshwater resources

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Q.No: 22 How many types of blood groups are there?
A 4
B 8
C 12
D 16

Q.No: 23 The speed of sound is maximum in _____.
A Wind & water
B water
C steel
D Wind

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Q.No: 24 The sound in audible range is known as:
A Subsonic sound
B Ultrasonic sound
C Sonic sound
D Light sound

Q.No: 25	Which one of the following is not corroded by air, water and acid?
A	Zinc.
B	Copper
C	Gold
D	Silver

Q.No: 26	The inner walls of the small intestine have thousands of finger-like outgrowths which are called _____.
A	Villi
B	Vulva
C	Rumen
D	Cud

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Q.No: 27	Directions: The following question consists of two statements one labeled as "Assertion" and the other as "Reason". You have to examine these two statements carefully and select the correct answer to the question from the given options. Assertion(A): A very hot glass, on putting in cold water, cracks. Reason(R): Glass expands when hot and contracts when cold.
A	A is false but R is true.
B	Both A and R are false
C	A is true but R is false.
D	Both A and R are true

Q.No: 28	Photochemical smog is also known as .
A	Toronto Smog
B	Beijing Smog
C	Rome Smog
D	Los Angeles Smog

Q.No: 29	Which of the following device is used to test whether an object is carrying charge or not?
A	Polygraph
B	Electrometer
C	Electroscope
D	Chargoscope

Q.No: 30	Which of the following reproduces through binary fission?
A	amoeba
B	frogs
C	hydra
D	snails

Q.No: 31	When does International water day observed?
A	22 January
B	22 March
C	22 October
D	22 December

Q.No: 32	Out of the fertilizers given, which has the highest percentage of nitrogen?
A	Ammonium nitrate
B	Calcium ammonium nitrate
C	Urea
D	Calcium nitrate

Q.No: 33	What is the chemical name of Household ammonia?
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A	None
B	Ammonium oxide
C	Hydrogen oxide
D	Ammonium hydroxide

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Q.No: 34	Which among the following belongs to the class Chondrichthyes?
A	catfishes
B	rohu
C	sea horse
D	torpedo

Q.No: 35	Who are responsible to keep neighbourhoods clean?
A	Only Municipal corporation
B	Municipal Corporations, Citizens and NGO's
C	Only NGOs
D	Only Citizens

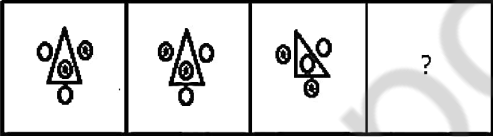



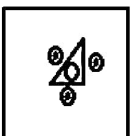
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Given question has main statement followed by four statements. Choose the ordered pair of statements, where the first statement implies the second, and the two statements are logically consistent with the main statement.

The institution is run by either the executives or by the professionals

Q.No: 36	<p>A. The institution is run by the executives</p> <p>B. The institution is not run by the executives</p> <p>C. The institution is run by the professionals</p> <p>D. The institution is not run by the professionals</p>
A	BD
B	AB
C	DA
D	AC

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

Q.No: 37	
A	
B	
C	
D	

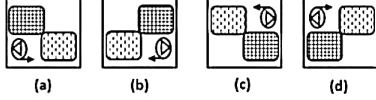
Select the option that is related to the third figure in the same way that the second figure is related to the first figure.

Problem Figures



Q.No: 38

Answer Figures



- A (d)
- B (b)
- C (a)
- D (c)

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

Q.No: 39



A



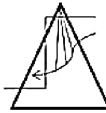
B



C



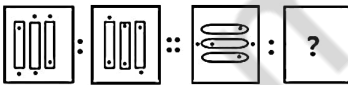
D



उक्त प्रश्न पर पूर्व में आपत्ति दर्ज की जा चुकी है। अतः पुनः आपत्ति दर्ज नहीं की जा सकती।

A specific analogy is given in the question below. Understand the logic behind it and choose the correct option for the next part:

Q.No: 40



A



B



C



D



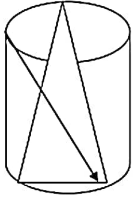
उक्त प्रश्न पर पूर्व में आपत्ति दर्ज की जा चुकी है। अतः पुनः आपत्ति दर्ज नहीं की जा सकती।

Q.No: 41 In the following question, select the odd number from the given alternatives.

- A 65
- B 143
- C 91
- D 105

Complete the question figure by choosing the best alternative from the answer figure.

Q.No: 42



A



B



C



D



Given question has main statement followed by four statements. Choose the ordered pair of statements, where the first statement implies the second, and the two statements are logically consistent with the main statement.

The marriage will be solemnized either in Jaipur or in Jodhpur

Q.No: 43

- A. The marriage was solemnized in Jaipur
- B. The marriage was not solemnized in Jaipur
- C. The marriage was solemnized in Jodhpur
- D. The marriage was not solemnized in Jodhpur

- A DA
- B BD
- C CA
- D AB

Q.No: 44 I am facing south; I turn right and walk 20 metres. Then I turn right again and walk 10 metres. Then I turn left and walk 10 metres and then turning right walk 20 metres. Then I turn right again and walk 60 metres which direction am I from the starting point?

- A West
- B North-west
- C North-east
- D North

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Q.No: 45

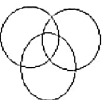
Identify the diagram that best represents the relationship among the given classes.

Reptiles, Crocodile, amphibians.

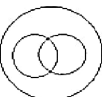
A



B



C



D



Q.No: 46 For the following questions find the odd word/letters/number from the given alternatives.

- A 566
- B 625
- C 529
- D 484

Q.No: 47 Three of the following four numbers are alike in a certain way and one is different. Pick the number that is different from the rest.

- A 789
- B 123
- C 457
- D 567

Q.No: 48 Select the odd one out.

- X Z B D E
- A D
 - B Z
 - C E
 - D B

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Given question has main statement followed by four statements. Choose the ordered pair of statements, where the first statement implies the second, and the two statements are logically consistent with the main statement.

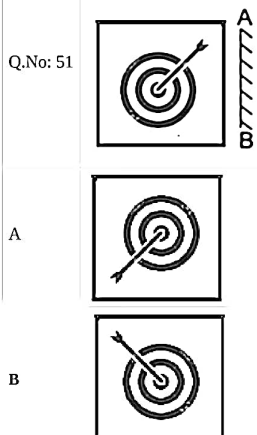
If you talk politely, people listen to you.

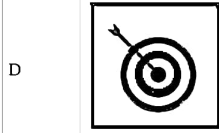
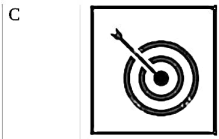
- Q.No: 49
- A. you talk politely
 - B. you did not talk politely
 - C. people listen to you
 - D. people did not listen to you
- A DA
 - B BC
 - C DB
 - D BD

Q.No: 50 Riya go to east, turn left, then left again and then go to the right. In which direction is Riya now?

- A NORTH
- B SOUTH
- C WEST
- D EAST

If the mirror is placed on the line, then which of the answer figure is the right mirror image of the given figure?





Q.No: 52	Select the option that is related to the third term in the same way as the second term is related to the first term. BUJQ : FYNU :: SCIP : ?
A	WGNT
B	WGLT
C	WGMU
D	WGMT

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

Q.No: 53

A

B

C

D

Q.No: 54

Amit is the only son of Rahul's brother's wife. How is Amit's mother related to Rahul?

A

Son

B

Sister

C

Sister-in-law

D

Cousin

Q.No: 55

In the following question, a series of letters is given. Some letters have been removed in these series, and they are in the options given below the series in the same order as they should be. Study the given series carefully out of the four alternatives given below, and find the one that best fits in place of the missing letter of the series.

aa _ a a a _ a a a a _ a a a a _ b

A

b b a a

B

b a a a

C

b b b a

D

b b b b

Q.No: 56

Simplify: $389 - [40 + \{72 + (18 + 42 \div 14 \times 3)\}]$

A

530

B

540

C

250

D

500

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Q.No: 57

Find the missing figure from the following given options,

0.75% of ? = 0.16

- A 0.22
- B 24
- C 32
- D 29

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What value would come in place of the question mark (?) in the following equation?

Q.No: 58

$$(4525 \div 181)^{\frac{4}{5}} + (462 \div 21)^2 = ?^2 + 453$$

- A 5
- B 6
- C 8
- D 7

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Q.No: 59 In what ratio must a person mix three kind of rice each of which has a price of 70,80 & 130 rupees per kg in such a way that the mixture cost 100 Rs./kg

- A 3:5:2
- B 4:5:7
- C 2:5:4
- D 4:2:7

Q.No: 60 Deepika lost 12% of her goats in a flood and 5% of remainder died from diseases. If the number left now is 8360. What was the original number before the flood?

- A 8360
- B 1,00,000
- C 10000
- D 1000

Q.No: 61 At what percent rate of simple interest, a sum become double in 5 years?

- A 15%
- B 20%
- C 12.65%
- D 13%

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Q.No: 62 The scale of a map is 2 : 49000. What is the actual distance between the two towns if they are 7m apart on the map?

- A 171.5
- B 987.1
- C 387.9
- D 453.2

उक्त प्रश्न पर पूर्व में आपत्ति दर्ज की जा चुकी है। अतः पुनः आपत्ति दर्ज नहीं की जा सकेगी।

Q.No: 63 In what ratio, 4 items costing Rs. 210/kg, Rs. 220/ kg, Rs. 225/kg. and Rs. 240/kg. must be mixed in order to make a mixture costing Rs. 230/kg?

- A 1 : 2 : 2 : 3
- B 1 : 2 : 4 : 2
- C 2 : 1 : 1 : 4
- D 1 : 1 : 2 : 3

उक्त प्रश्न पर पूर्व में आपत्ति दर्ज की जा चुकी है। अतः पुनः आपत्ति दर्ज नहीं की जा सकेगी।

Q.No: 64 The average of 11 numbers is 10.9. If the average of the first six numbers is 10.5 and that of the last six numbers is 11.4, then the middle number is?

- A 11.5
- B 12.5
- C 14
- D 10.5

Q.No: 65	Ram's water glass holds one litre of water. he drank 150 ml of water and his friend Raman drank 150 ml. how much water is left in his glass?
A	500 ml
B	600 ml
C	700 ml
D	650 ml

Q.No: 66	A tank contains 65536L of Milk, which can be filled completely in 16 jars of the same size. how much milk will be there in 5 such jars.
A	2550 L
B	20475L
C	20470L
D	20480L

Q.No: 67	Simplify: $-2(5+6)-9$
A	-31
B	99
C	36
D	33

Q.No: 68	Find the compound interest when principal Rs.9700 rate = 2.5% per annum and time = 2 years.
A	Rs.491.0625
B	Rs.214.45
C	Rs.389.73
D	Rs.362.562

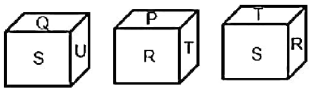
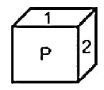
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Q.No: 69	What number must be added to each term to the ratio 324 : 400 to make the ratio 18 : 20 ?
A	158
B	360
C	172
D	219

उक्त प्रश्न पर पूर्व में आपत्ति दर्ज की जा चुकी है। अतः पुनः आपत्ति दर्ज नहीं की जा सकेगी।

Q.No: 70	What should come in place of question mark in the following number series? $18^{19.8} \div 18^{8.7} \times 18^{-2.1} = 18^{?}-7$
A	2
B	4
C	6
D	8

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Q.No: 71	Three positions of a dice are given.  Which letters will come on two faces marked '1 and 2'?
	
A	Q and S
B	Q and U
C	T and S
D	Q and T

Q.No: 72	Find the wrong term in the given series: 8, 20, 56, 165, 488
A	8
B	20
C	56
D	165

Q.No: 73	A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series. NOA, PQB, RSC, ?
A	TVE
B	TVD
C	TUD
D	TUE

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Q.No: 74	In each question below, three statements are given followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follow(s) from the given statements, disregarding the commonly known facts. Statements: All pigs are animals. No animal is a bird. No bird is a dog. Conclusions: I. Some animals being dogs is a possibility. II. All pigs being birds is a possibility.
A	If both conclusions I and II follow.
B	If neither conclusion I nor II follows.
C	If only conclusion I follows.
D	If only conclusion II follows.

Q.No: 75	Select the missing figure in the series from the given figures. Problem Figures Answer Figures (a) (b) (c) (d)
A	d
B	c
C	b
D	a

Q.No: 76	Which of the following can replace the question mark? A16C, B36D, C64E, D100F, _____
A	E169H
B	E35G
C	F169G
D	E144G

Q.No: 77	How many such pairs of letters are there in the word 'FREQUENT', each of which has as many letters between them in the word (in both forward and backward directions) as they have between in the English alphabetical series?
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- A Three
- B One
- C Two
- D None

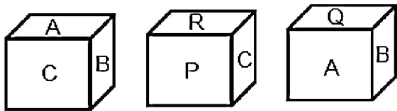
उक्त प्रश्न पर पूर्व में आपत्ति दर्ज की जा चुकी है। अतः पुनः आपत्ति दर्ज नहीं की जा सकेगी।

Q.No: 78 Mohit Ranks 6th from the top and twenty fifth from the bottom in a class. How many students are there in the class?

- A 31
- B 32
- C 29
- D 30

Three positions of a dice are given. Based on them find out which letter is found opposite the letter C in the given dice.

Q.No: 79



- A Q
- B A
- C R
- D P

उक्त प्रश्न पर पूर्व में आपत्ति दर्ज की जा चुकी है। अतः पुनः आपत्ति दर्ज नहीं की जा सकेगी।

A person has six cars with different colors and different lengths.

Red car is larger than yellow car and smaller than atleast one car.

Black car is larger than green car and smaller than atleast one car.

Q.No: 80 Green car is smaller than white car and larger than atleast one car.

White car is smaller than Blue car and larger than atleast one car.

Blue car is larger than Red car and smaller than atleast one car.

Which car is the largest?

- A Blue car
- B Green car
- C Black car
- D Red car

उक्त प्रश्न पर पूर्व में आपत्ति दर्ज की जा चुकी है। अतः पुनः आपत्ति दर्ज नहीं की जा सकेगी।

Q.No: 81 If '1' is represented by 'x', 'x' is represented by '+', '+' is represented by '÷' and '÷' is represented by '-', then what will be the value of $97 \div 87 \times 66 + 11 - 2$?

- A 44
- B 33
- C 22
- D 11

उक्त प्रश्न पर पूर्व में आपत्ति दर्ज की जा चुकी है। अतः पुनः आपत्ति दर्ज नहीं की जा सकेगी।

Q.No: 82 Find the wrong term in the given series:

10, 20, 70, 480, 3840

- A 20
- B 10
- C 70
- D 480

उक्त प्रश्न पर पूर्व में आपत्ति दर्ज की जा चुकी है। अतः पुनः आपत्ति दर्ज नहीं की जा सकेगी।

Q.No: 83 Identify the odd one from the following.



(a)

(b)

(c)

(d)

A	a
B	b
C	c
D	d

उक्त प्रश्न पर पूर्व में आपत्ति दर्ज की जा चुकी है। अतः पुनः आपत्ति दर्ज नहीं की जा सकेगी।

Q.No: 84	<p>Five heaviest people, Jack, Kasper, Leo, Moras and Nick are ranked by an organization according to their weight. All 5 have different weight. Heaviest person got rank 1 and second heaviest person got rank 2 and so on. Jack is neither the heaviest nor the lightest. Kasper is ranked among the top two while Nick is ranked among bottom two in terms of weights. Leo is either the heaviest or the lightest. What is the rank of Moras if Jack is not ranked 3?</p>	
A	5	5
B	4	4
C	Can't be determined	
D	3	3

उक्त प्रश्न पर पूर्व में आपत्ति दर्ज की जा चुकी है। अतः पुनः आपत्ति दर्ज नहीं की जा सकेगी।

Q.No: 85	<p>Which letter-cluster will replace the question mark (?) in the following series? XCA, WDZ, UFX, RIU, NMQ, ?</p>
A	IKJ
B	IRL
C	JFU
D	JKO

Q.No: 86 What should come in place of question Mark '?' in the following number series?

5, 13, 41, 85, 257, ?

A	716
B	517
C	516
D	773

Q.No: 87 Find the total surface area of a cube whose volume is 64 cm^3 .

A	16 sq cm
B	64 sq cm
C	96 sq cm
D	84 sq cm

Q.No: 88 What should come in place of question Mark '?' in the following number series?

132, 182, 306, 380, 552, 870, ?

A	1142
B	1010
C	930
D	992

उक्त प्रश्न पर पूर्व में आपत्ति दर्ज की जा चुकी है। अतः पुनः आपत्ति दर्ज नहीं की जा सकेगी।

Q.No: 89 In a party, there are 8 couples. In how many ways can 10 people be selected such that at least there are 4 couples?

A	1736
B	1854
C	1832
D	1680

उक्त प्रश्न पर पूर्व में आपत्ति दर्ज की जा चुकी है। अतः पुनः आपत्ति दर्ज नहीं की जा सकेगी।

Q.No: 90 If four dice are thrown simultaneously, what is the probability that the sum of the numbers is exactly 20?

A	$\frac{1}{1296}$
B	$\frac{35}{1296}$
C	$\frac{1}{5}$
D	$\frac{25}{1296}$

उक्त प्रश्न पर पूर्व में आपत्ति दर्ज की जा चुकी है। अतः पुनः आपत्ति दर्ज नहीं की जा सकेगी।

Q.No: 91 A, B and C can reap a field in 2 days; B, C and D in 3 days; C, D and A in 7 days; D, A and B in 10 days. In what time can A, B, C and D together reap it?

A	75/14 days
B	66/7 days
C	630/266 days
D	94/3 days

Q.No: 92 In a single throw of two dice, the Probability of getting sum more than 7 is -

A	5/36
B	7/12
C	5/12
D	7/36

उक्त प्रश्न पर पूर्व में आपत्ति दर्ज की जा चुकी है। अतः पुनः आपत्ति दर्ज नहीं की जा सकेगी।

Q.No: 93 Find HCF of 876, 492, 1824 and 1960

A	8
B	4
C	2
D	7

उक्त प्रश्न पर पूर्व में आपत्ति दर्ज की जा चुकी है। अतः पुनः आपत्ति दर्ज नहीं की जा सकेगी।

Q.No: 94 What should come in place of the question mark '?' in the following question?

$$(14.44 - 2.5)^2 \div 1.69 = ?$$

- A 24
- B 1
- C 1.5
- D 2.25

Q.No: 95 A and B can polish the floors of a building in 28 days. A alone can do 1/6th of it in 31 days. In how many days can B alone polish the floor?

- A 1289/25 days
- B 2604/79 days
- C 1365/23 days
- D 2612/76 days

उक्त प्रश्न पर पूर्व में आपत्ति दर्ज की जा चुकी है। अतः पुनः आपत्ति दर्ज नहीं की जा सकेगी।

Q.No: 96 Find the perimeter of rhombus, if its diagonals are 25cm and 12cm.

- A $3\sqrt{37} \text{ cm}$
- B $2\sqrt{37} \text{ cm}$
- C $2\sqrt{769} \text{ cm}$
- D $3\sqrt{769} \text{ cm}$

Simplify:

Q.No: 97 $16 \times \frac{32}{9 \times 27 \times 81} = ?$

- A $\left(\frac{2}{3}\right)^{11}$
- B $\left(\frac{2}{3}\right)^9$
- C $\left(\frac{2}{3}\right)^{12}$
- D $\left(\frac{2}{3}\right)^{13}$

उक्त प्रश्न पर पूर्व में आपत्ति दर्ज की जा चुकी है। अतः पुनः आपत्ति दर्ज नहीं की जा सकेगी।

Q.No: 98 How many numbers are possible between 666 and 8888 which when divided by 24, 32, 42 or 48 in each case it leaves the remainder 5?

- A 17
- B 13
- C 12
- D 14

Q.No: 99 If circumference of a circle is equal to Perimeter of a square. Then which of the following is correct.

- A Area of circle > Area of square
- B Area of circle \geq Area of square
- C Area of circle < Area of square
- D Area of circle = Area of square

Q.No: 100 A pair of dice are thrown simultaneously. Find the probability of getting the sum divisible by 4.

- A $\frac{1}{4}$
- B $\frac{1}{5}$

B	$\frac{1}{18}$
C	$\frac{3}{18}$
D	$\frac{1}{3}$

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