

A	GET IT ON
A	GET IT ON Google Play

	the rest of the automate after treated who is no isolated	Terrespond to having its (8 206, 142)	• 26
40.	If $x+y+z=30$, $x^2+y^2=125$ and $xy=50$, t	then what is the value of $\frac{xy}{x}$?	

- 41. ABC is a three-digit number in which each digit indicates different digit and A is greater than B. The difference between ABC and another three digit number CBA is always divisible by: out 000 invested at 16 1% or a manufact single interest. Find
 - 111
 - 101 B)

- The circl of 3 years? 8 < A 9 45,000 1 4 5 000
- o is a proper fraction. Which among the following is largest?

b)
$$\frac{Q}{Q}$$
 and all on $\frac{Q}{Q}$ are $\frac{Q}{Q}$ and \frac{Q}

- 43. Certain number of students attended an NCC camp. The camp master decided to arrange the students into equal number of rows and columns. After arranging them into a maximum possible square shape 12 students are left. The master needed 9 more students to increase that square size by one unit. Find the number of students who attended the camp?
 - A) 100

C)

- 121
- D) 132
- 44. The total cost of 2 Pens, 3 Pencils and 4 Erasers is Rs. 34. The total cost of 5 Pens. 7 Pencils and 9 Erasers is Rs. 80. What is the total cost of 1 Pen, 1 Pencil and 1 Eraser?
 - Rs. 16 A)

- B) Rs. 15
- 2P+ 3Penal+42= 34

40 100

- Rs. 12 1 d Har Na
- D) Rs. 18
- 001 SP + 7P + 9E = 80
- 45. A man having 'n' hundred-rupee notes, 'n' ten-rupee notes and 'n' one-rupee coins. The total amount he has is sum of first 36 even numbers. What is the value of 'n'?
 - A) 36
 - 111 C)
- - Elizable anong the following
- 46. The population of a town decreases by 20% every year. If the present population is 1,92,000, what was the population two years ago?
 - A) 1,33,334 1,22,880

- B) 3,00,000
- D) 2,76,480

(92-II) (A)

(15)

(A) (IIIP.T.O.

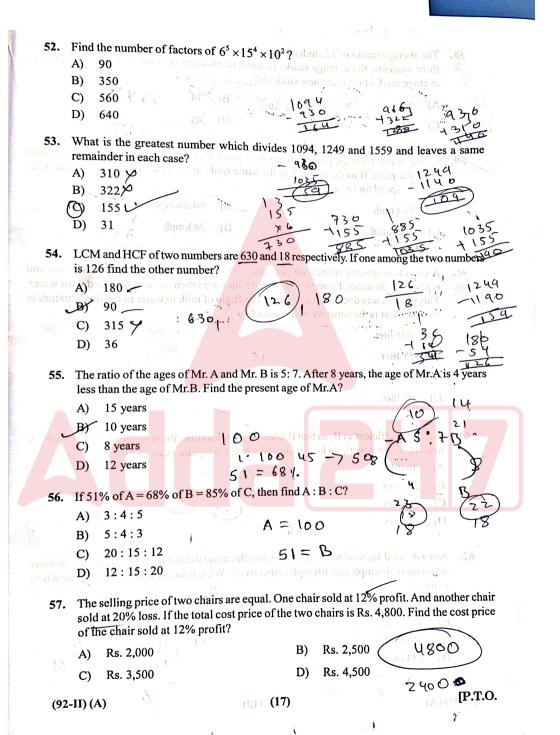


47.	Mr. A	akash is having Rs	. 68,200. He inve	sted a part of th	e amount at	20% compos
52						
	intere	st for four years, and st such that the tota	al amounts receive	d at the end of t	he term from	each investmen
0	to be	same.			531	5 76.
131		is the amount inve	sted for four years	s?.	1	Car
10	,	21,600	6.88		100	Pa . (3)
	,	31,500 43,200	7.		1 1 1 1 1 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1	٠
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	el AUG		sC and another th			
40	Da 6		_			
48.	Ks. o	0,00 invested at 1	0-% perannum	at simple interes	st. rind the am	iount received
*j: -	the e	nd of 4.5 years?	(161)		(21)	(A 12X
		Rs. 45,000	20	600.	(960	ONY +
11 ·	B)	Rs. 4,500	31	4.19	7	6 (O ·)
	C)/	Rs. 36,000		3600	noo	
	D)	Rs. 48,000	g the following is l	400/	ollogit 1381	4 con
49.	Hov	v many six-charact	er passwords can be	e generated, usin	g the symbols	(a,#)\$, & and
	and	i the digits $1,2,3,4$	5 and 6, such that	first two charac	ters are symb	ols and the ne
11	Iou	r characters are dig	its?	12		
	1 A	5400	(1)	@#	\$	
3.	C)	2400	(g) (g		3	(0)
	D)	4800				
50). An	nong first 100 pos	itive integers one	bohacite stricke	nümber of sh	43. Certair
028510	pro	bability that the nu	mber selected is a	square number a	s well as out	om. What is the
	camp?	who arrended the ϵ	number of storeats	rod brod times	are size by on	
	A)	100	(B) 112.		Sid Since Side	THE BREE
		1	121 [4]			
Pen	B)	34. The to 22 cm	nd a bresers is its	polimeri s	67	
	id I bo	on 150 of 1 real in	r is the total cost o	5 x5x5	MSto brown	loi on t
f Inu	19.	γ_{\perp} 3	(B) (Rs. 1)	3×3×3	27	A) R
9 + 9	FAR	100	D) Rs I		6 η ^{Σ1}	8 6
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78		what is the 05 lue	ies, 'n ten-rilpeet 'ns even nambers.	CXEX	S. a carived	
_	1 9	3*	777 271	\mathcal{O}	I amount be	The tôti
5		hich among the fol	lowing is co-prime	e? 'au	in the state of	Λ) 36
		(91,13)			1	H (0
st no	tribit.) (63,119)	iso onelli every yea	24		n at
	C)		by 20% every year veathears ago?	own decreases e population (v.o	pulation of a l	og ad .
	D		0.00.6 (8)	population	0, what was de	1 (A
ing are	OA TT		D) 2,76.4		22,880	17-12
.0.7	92-II)	(A)		(16)		(A) (18-51)











The average marks of 12 students in an examination is 45 marks, including the marks of The average marks of 12 students become 47 marks. What is the average mark of the three new students?

C)

Kumar travel from the place X to another place Y at the rate of 77 kmph and he return from the place B to the place A at the same route at the rate of 44 kmph. What is the average speed for his journey?

56 kmph

60.5 kmph

112 kmph

28 kmph

loss than the age or Ivin B. Piut the present uge of Mr.

60. A vessel completely filled with pure milk. From the vessel 15 liters are taken out and replaced with water. From the mixture 15 liter are taken out and replaced with water. This process was done one more time. The Ratio of milk to water in the final mixture is 64: 61. What is the capacity of the vessel?

15

A) 100 liter

75 liter

Vand Mr. Has S. J. Miler & S

60 liter

84 liter

61. A is 3/5 as efficient as B, so that B takes 32 days less than the number of days taken by A to complete that work. In how many days A and B together can complete the work?

B) 24 days

30 days

D) 18 days

Amar divided his total route of journey into three equal distances. He travels each distance at 60kmph, 48kmph and 40kmph respectively. What is his average speed for the whole 48

49 kmph

48 kmph B)

56 kmph

64 kmph

(92-II) (A)

(71) (18)

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63. The length of a rectangle is 3 times of its breadth. The area of the rectangle is 1728 sq.m.

What is the length of the rectangle? A to radinum odl a world rund a medianic and a world rund a medianic and a -A) 72 m 306 B) 120 m

90 m C) 84 m D)

64. A wheel of radius 63cm completes certain distance in 50 revolutions. What is the distance

travelled by the wheel?

96 m **B**) 198 m 420 m D) 210 m 360050

In how many ways 8 different colours stongs can be fixed around a circular bangle?

2520 B) 2500 D) 1250

66. The area of the three adjacent faces of a cuboid is 1.50 sq.cm, 120 sq.cm and 80sq.cm.

What is the volume of the cuboid? $\frac{3}{2}$

B) 1400 cu.cm 1200 cu.cm 1250 cu.cm

67. Among first 20 positive integers, one number is selected at random. What is the probability that the number is prime number?

68. Number of flowers in a pond doubles in every 12 minutes. In 96 minutes, the whole pond surface covered with flowers. In how many minutes the flowers in pond covers one fourth of the pond surface?

72 minutes 48 minutes B) 36 minutes C) 24 minutes D)

32000 IP.T.O.

(92-II) (A)

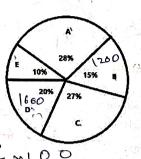


69. Consider the following chart and answer the following.

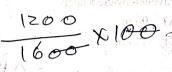
The given pie chart shows the number of satellites launched by five different countries

A, B, C, D, E

Total number of satellites launched = 8000



1600 - D



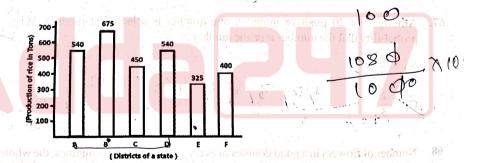
What is the volume of the cubor

The number of satellites launched by B is what percent of the number of satellites launched by D?

- A) 15
- **∕B**) 75
- C) 30
- D) 133.3%

70. Consider the following bar chart and answer the following:

The production of rice of six districts of a state in a particular year is given:



By what percent the total production of rice of the districts A and D together is more than the total production of rice of the districts B and E?

- A) 80%
- B) ...;18
- ET 8%
- D) 10%

(92-II)(A)



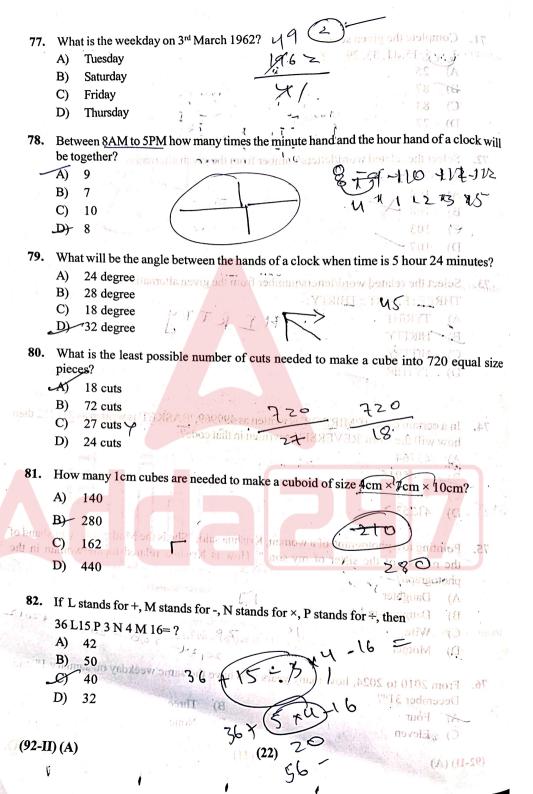






71.	Complete the given series:	n.3rt Marich 196	27. What is the weekday o
	3, 9, 5, 15, 11, 33, 29, ? A) 25		A) "Hesitay
	B) 87		B) Saturday C
	C) 83		Vehicl (1)
	D) 77	All market and a second	
	2 L to Luren word allows as 30 3 3 3		D) Thursday
72.	Select the related word/letters/number f	Smifvnstn wor	The Discourse SAM to SPM
11-1	Select the related word/letters/number f	rom the given a	ternotion "radiano od
	A) 104	S. on a	nematives. 1281/20130
	B) 108 4		A
	C) 103		(B)
	D) 105	The same of the sa), and (0)
	10/ Digital Self-	-	8 40
73.	Select the related word/letters/number of	neuren the har	
	TUDER THE TELEVISION OF THE PROPERTY OF THE PR	from 41	79. What will be the angle
	PER PERINCE "I HIDTO	ironi ine given a	lternatives. Oh A
	A) TYRIHT	_	C) 28 source
	B) HIRITY	I RTT	estes and the degree
My Par	C) HITTRY D) TYTHIN		Ty 32 degree
	ute necored to make a con SIHITYI (D	o lo redimin el	The Jensy poseil
		316	80. What is the least poseu
74.	In a second second		Skapon - 100
	how will a		IS cuts
	A) 4276	1 as 499969, 'BA	SKETT: STITE OF
	In a certain code, If 'MIRROR' is writter how will the word 'REVERSE' be writted A) 43764 B) 9545915	in in that code?	is written as 211252 than
. /	B) 9545915 C) 45283	2 57 1 1 2 2	and to the
	C) 45283 10 2 2 2 10 10 10 10 2 10 2 10 10 10 2 10 2 10 10 10 10 2 10 2 10 10 10 10 10 10 10 10 10 10 10 10 10	to at l	D) 24 cuts 2 cuts 2 cuts 2 cuts 3 cuts 3 cuts 3 cuts
	D) 41253	re needed to an	S and the street of the street
75.	Dation		How many com
•	the man de a photograph of a re	*, : <u> </u>	. 041
	photos I so the sister of man, K	rishna said "cu	000
	A) D	How is Krist	le is the Mother of the
	Pointing to a photograph of a woman, K the mother of the sister of my son ". A) Daughter B) Daughter-in-law	- Kilsh	na related to the husband of
	C) Daughter-in-law		woman in the
· .	C) Wife	Titula La	Mt (C)
	Mother 1	ds for - Maran	IRto Na
76.	From 2010 to 2024, how many years A) Four C) Eleven (A)	20.	ma related to the woman in the
7	Decor 1 to 2024 h	· , ; ; ; .	82. If Land M 16=2
197	At B now many vears	20124	- 5050-5018- 65015
	C) Four	will have the	54
	Eleven	J. 3.6 8	ame Weekday
(92-	(I) (A)	R) ~	ay on January 15









83. Different views of a fair die are given. Based on the views given find the number opposite to 5?









- A) 1
- C)_6

- B) 4
- D) 5



84. How many triangles are there in the given figure?

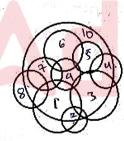


- of the means A, is smaller than on equal to B
 - (b) if means A is greater than is

- A) 36
- B) 40
- C) 32
- D) 44

- on or antica to main manna suscession in 173
 - G.B. means: A fasmaller than B'.
 - "A fa B means A is equal to B".

85. What is the total number of circles in the given figure? Add to the order of circles in the given figure?







A) 11

B) 8

Jey 10

D) 9

and are III of Hylat)

oni on i vi vina

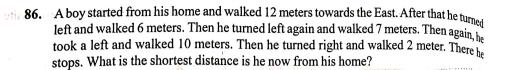
Ordy Ill is true

(92-II) (A) (23)

(A) ([P.T.O.





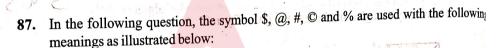












'A\$B' means A is smaller than or equal to B

'A@B' means A is greater than B'.

'A # B' means A is greater than or equal to B'.

'A @ B' means A is smaller than B'.

'A % B' means A is equal to B'.

Assume the given statements to be true, find which of the three Conclusions I, II and II given below them is/are definitely true and give your answer accordingly?

G

Statements: G@E, F%K, I@K, G©I, H@F, H\$J

Conclusions:

E©I

G\$F II.

FOJ Ш.

Only II & III are true

Only I & II are true

Only I & III are true

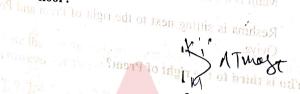




- A shopping mall has six floors (including ground floor). Each floor assigned to sell
 - i. e Male dresses, Female dresses, Kids dresses, Furniture, Groceries and Stationaries

At most two floors are above the Grocery floor. Two floors are between Grocery floor and Stationary floor. Female dresses floor is below the Stationaries floor. Kids dresses floor is three floor above the furniture floor. No floor is between Grocery floor and Male dresses floor. Male dresses floor is below the Kids dresses floor. Which floor is the ground floor?

- A) Stationaries
- Female dresses
- Kids Dresses
- D) Furniture



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89. In the question given below, three statements are followed by conclusions I,II,III,IV.

You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known

- All Cats are dogs
- Some Foxes are Dogs
- All Tigers are Foxes

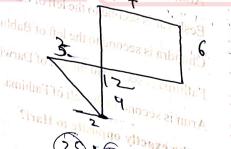


Conclusion:

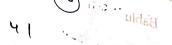
- I. All Tigers are Dogs >
- Some Tigers are Dogs
- Some Dogs are Foxes
- IV. All foxes are Dogs

Choose the correct option:

- Only I and III follows B)
- $O_{nly \, I \, follow}$
- $O_{nly\,II\,follows}$
- $O_{nly\,III\,follows}$









90. Read the given information carefully and answer the question that follow.

Eleven friends Mani, Nandhu, Oviya, Prem, Quereshi, Reshma, Sabeer, Tina, Umar, Vinod and Yasmin are sitting in the first row of a cinema theatre watching a movie.

- 1. Tina is to the immediate left of Prem and third to the right of Umar.
- 2. Vinod is the immediate neighbour of Mani and Nandhu and third to the left of Sabeer.
- 3. Mani is the second to the right of Quereshi, who is at one of the ends.
- 4. Reshma is sitting next to the right of Prem and Prem is second to the right of Oviya.

Who is third to the right of Prem?

- A) Sabee
- B) Oviya
- C) Yasmin Turker
- D) None of these
- 91. Study the given information carefully and answer the following question.

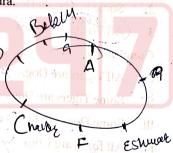
Eight friends Arun, Bablu, Chandra, Darwin, Eeshwar, Fathima, Ganga and Hari are sitting around a circular table facing the centre for having their lunch.

sp. In the question given below, three statements are followed

- 1. Ganga is not an immediate neighbor of Chandra.
- 2. Arun is third to the right of Chandra.
- 3. Eeshwar is second to the left of Chandra.
- 4. Chandra is second to the left of Bablu.
- 5. Fathima is second to the left of Darwin.
- 6. Arun is second to the left of Fathima.

Who is the exactly opposite to Hari?

- A) Bablu
- B) Arun
- C) Ganga
- D) Fathima



Choose the correct spiion: A) Only Load III follows

C) Only II follows

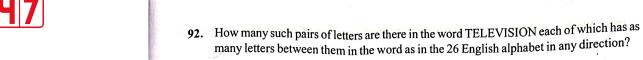
D) Only III follows:

(92-II) (A)

(25 (26)









A) Four

B) Five

C) Two

D) Three

93. How many Instances are there in the following number sequence such that there is an odd number between two even numbers?

4, <u>3</u>, 6, <u>9</u>, 2, <u>5</u>, 6, <u>3</u>, <u>7</u>, <u>9</u>, <u>7</u>, <u>4</u>, <u>2</u>, <u>6</u>, <u>4</u>, <u>7</u>, <u>9</u>, <u>1</u>, <u>3</u>, <u>4</u>, <u>8</u>, <u>8</u>, <u>1</u>, <u>8</u>, <u>3</u>, <u>4</u>, <u>5</u>, 6

A) Seven

B) Siz

C) Four

D) Five

94. In a family of six members A, B, C, D, E and F only one married couple. Study the following information carefully about the family and answer the question given below:

I) A is wife of C

II) F is brother of A.

III) D is son of A.

IV) E is father of F

V) B is sister of D

How is A related to B?

A) Mother-in-law

B) Sister

_C) Mother

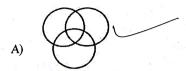
D) Brother

MULTIPLE



95. Which of the following diagrams indicates the best relation between Doctor, Professor and Female?





В)

c) OO

D) (

96. Which is the mirror image of the below word?

V) B is sister of D

MULTIPLE

- y) MULTIPLE
- B) EJPITJUM
- -MULTIPLE PA
- MULTIPLE (d



97. Which among the following is the WATER image of the following word?

SUCCESS

- SUCCESS
- SUCCESS
- **2NCCE22**
- SUCCESS

98. What is the total number of squares in a standard chess board?

- A) 204
- C) 642
- D) 64!

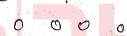
99. Some ducks were walking in a line. Where two ducks were in front of two ducks. Two ducks were behind two ducks and two ducks in between two ducks. Totally how many ducks were there?

- A)
- B) 8
- C) 10
- D) 6









100. Find the Missing number in the given Puzzle.



- A) 20
- B) 12
- **C**) 52
- D) 40



(92-II) (A)