

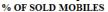


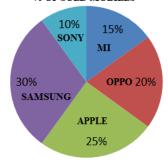
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TIME- 60 MINS

QUANTITATIVI

Directions(1-5):-Given pie chart shows that the number of mobile phones sold by different companies in 2018.





1. Total number of mobile sold by Apple is what percent of mobile sold by Samsung?

2, 85%

4.66.66%

1.80% 3.83.33%

5. None of these

2. Total number of mobiles manufactured by oppo is 5000 out of which only 75% were sold. Find the difference between number of mobile sold by oppo and samsung?

1.2875 2.2500 3.1875 4.2800 5.3500

3. Out of total mobiles sold by samsung 30% were defective and non-defective mobiles were 6300.find the total number sold by Apple?

1.6875 2.6200 3.7875 4.6500 5.7500

4. Average number of mobile sold by MI and Apple is 4000.then find the average number of mobile sold by other companies together?

1.3875 2.4000 3.4875 4.4800 5.3500

5. Find total number of mobiles sold by all six companies together if mobiles sold by MI and Apple together is 3000 more than total mobile sold by Sony and Oppo together?

1.36000 2.35000 3. 37500 4.30000

5.25000

6. Retailer mark up an article 40% above its cost price and earn Rs. 144 by giving 20% discount on the marked price. If he sells article at 10% discount on marked price then, find retailer's profit on selling one article.

1.312 2.177 3, 458 4.214

5.354

7. Present age of Amit is 20% more than Manish's present age while 6 years ago Amit's age was thrice than that of Manish's age 8 years ago . Four years hence, sum of ages of Manish and Amit is equal to Lalit's age at that time, then find present age of Lalit?

1.35 2.40 3.20 4.25

5.30

8. Money doubles itself in 2 year than find that at same rate of interest in 4 years 1500 becomes?

1.4432 2.3000 3.4320 4. 4500

5.4300

9. In a class, number of girls are 40% less than number of boys. If number of girls and number of boys increased by 30% and 20% respectively, then total no. of students in the class increased by 760. Find total no. of students in the class initially.

1.3350 2. 3420 3.3200 4. 3560 5.3630

10. If the side of cube is triple then what will be percentage change in it's surface area?

1.350 2,420 3.490 4.700

5.800

DIRECTION (11-15):- Solve the following equations and mark the correct option given below.

11. I. $4x^2 + 18x + 18 = 0$ $II.4y^2 - 6y - 18 = 0$ 1. x > y $2. x \ge y$

3. y > x $4. v \ge x$

5. x = y or no relation can be established

12. I. $\sqrt{(x-8)(x-10)} = 2\sqrt{2}$ $II.y^2 - 144 = 0$

1. x > y $2. x \ge v$ 3. y > x $4. y \ge x$

5. x = y or no relation can be established

13. I. $8x^2 - 82x + 210 = 0$ $II.6y^2 - 46y + 84 = 0$

1. x > y $2. x \ge y$ 3. y > x $4. y \ge x$

5. x = y or no relation can be established

14. I. $2x^2 + 6x - 36 = 0$ $II.2y^2 - 20y + 48 = 0$

1. x > y $2. x \ge y$ 3. y > x $4. y \ge x$

5. x = y or no relation can be established

15. I. $2x^2 + 24x + 64 = 0$ $II.4y^2 + 50y + 136 = 0$ 1. x > y

 $2. x \ge y$ 3. y > x $4. y \ge x$

5. x = y or no relation can be established

16. Kamal and anu together can do a piece of work in 30 days and anu and sarfin together in 40 days. If kamal is twice as good a workman as sarfin, then in how many days will anu alone complete the same work?





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TIME- 60 MINS

 1. 24
 2. 42

 3. 75
 4. 60

5. Can't be determined

17. Two trains running in the opposite directions cross a man standing on the platform in 36 seconds and 27 seconds respectively and the speed of faster train is 20 m/s and they crosses each other in 25 seconds. Then find the ratio of their speed?

 1. 1:3
 2. 2:5

 3. 3:2
 4. 3:4

5. None of the above

18. The ratio of a certain fraction with 1/324 has a ratio similar as 6/5 with 7/18. What is the fraction?

 1. 18/35
 2. 1/105

 3. 9/14
 4. 35/36

5. None of these

19. The length of a rectangular plot is thrice its breadth. If Rs. 720 is required to fence the plot at the rate of Rs. 4.5 per metre. What will be the cost (in Rs.) of painting the floor at the rate of Rs. 10 per square metre?

 1. 14400
 2. 17200

 3. 12700
 4. 14440

5. None of these

20. A man buy 100 kg of rice at 7 rupees per kg and sold it at 10.50 Rs. Per kg. findit's loss or profit percentage?

1. 45 2. 50 3. 47.5 4. 55

5. Can't be determined

REASONING

Direction (21-25): Study the following information carefully and answer the given questions:

Eight friends Anil, Babar, Catrinna, Dev, Ema, Fancy, Gagan and Harman are sitting on a bench in a garden, but not necessarily in the same order. Four of them are facing towards north and Four of them are facing towards south. Each of them likes different colors viz. Magenta, Maroon, Lime, Silver, Olive, Indigo, Gold and Plum, but not necessarily in the same order.

Babar likes Maroon and sits third to the left of Gagan. Gagan sits second to the left of Ema. Fancy does not like Plum. Only one friend sits between Fancy and Gagan. Ema sits at one of the extreme ends of the bench. The one who likes Olive sits immediate right of the one who likes Indigo. Neither Dev nor Harman is an immediate neighbour of Gagan. The one who likes Gold sits at one of the extreme ends of the bench. There are two friends sit between Fancy and Anil. Catrinna is not an immediate neighbour of Ema. Harman and Fancy face opposite direction of Gagan. Babar doesn't face south. The one who sits second to the right of Babar likes Lime. Anil and Catrinna faces same direction. Anil doesn't like Olive. Dev faces opposite direction of Gagan. The one who likes Magenta sits immediate left of Dev.

21. Who among the following likes Silver color?1. Anil 2. Fancy

3. Catrinna

4. Harman

5. None of these

22. Which of the following color Gagan likes?1. Olive2. Indigo

3. Plum

4. Lime

5. None of these

23. Who among the following sits at one of the extreme ends of the bench?

1. Dev2. Harman3. Catrinna4. Fancy

5. None of these

24. How many friends sit between Catrinna and Harman?

1. Two 2. One 3. Three 4. None

5. Four

25. Four of the following five belong to a group in a certain way, find which of the one does not belong to that group?

Ema
 Gagan
 Anil
 Babar

5. Catrinna

Direction: (26-30) There are two rows given and to find out the resultant of a particular row we need to follow the following steps: -

Step 1: If an even number is followed by an odd number then the resultant will be the addition of both the numbers. Step 2: If an odd number is followed by a perfect square then the resultant will be the difference of that square number and the odd number.

Step 3: If an odd number is followed by another odd number (but not a perfect square) then the resultant will be the addition of both the numbers.

Step 4: If an odd number is followed by an even number (but not a perfect square) then the resultant comes by multiplying the numbers

Step 5: If an even number is followed by another even number then the resultant will be the division of first number by the second number.

26. Find the sum of two rows

10 2 3 13 8 9 1.78 2.107 3.123 4.98

5. None of these

27. If the sum of the resultants of two rows is 52. Then find the value of X.

11 4 9 30 6 X 1.16 2.27 3.10 4.15

5. None of these

28. Find the difference between the resultant of first and second row.

15 5 9 6 13 14 1. 137 2. 126





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TIME- 60 MINS

3. 159			4. 237		
5. None o	of these				
29 . Find the multiplication of the resultant of first and second row.					
27	23	10			
18	15	11			
1. 110			2. 85		

5. None of these

10

3. 176

3

30. Find the sum of the resultant of first and second row.

4.220

/	4	9	
1.89			2. 41
3. 28			4. 135

5

5. None of these

Direction (31-35):- Study the information carefully and answer the questions given below.

Seven person Abhay, Boby, Coni, Dumy, Elishka, Gagan and Faroog live in a building having seven floors such that the ground floor is numbered 0, the floor just above it is numbered 1 and so on till the topmost floor numbered 6. Gagan lives above Coni. The addition of floor numbers of Elishka and Abhay is one less than the floor number on which Coni lives. Dumy lives just above Farooq. Abhay does not like Grey. At least one person lives between the one who like Orange and Dumy. Not more than one person lives between Boby and Elishka. Three persons live between Abhay and the one who like Blue. Boby like Pink. The one who likes Grey does not live next to the one who like Blue. Equal number of persons live between Dumy and Elishka and the ones who like Red and White. The one who like White lives immediate above the one who like Blue. Gagan likes Black.

31. Who among the following live on the floor immediate below Gagan?

1. Elishka		2. Farooq	
3. Cc	oni	4. Boby	
_	C .1		

5. none of these

32. How many persons live between Boby and the one likes Red?

1. Two 2. One 3. Three 4. Four

5. None of these

33. On which of the following floors does Boby live? 2. 2nd 1. 1st 3. 3rd 4. 4th

5. none of these

34. Who among following like Orange? 1. Elishka 2. Faroog 3. Coni 4. Boby

5. none of these

35. Four of following form a group find the one that does not belong to that group?

1. Elishka, Coni 2. Farooq, Boby 3. Coni, Boby 4. Boby, Abhay 5. Abhay, Elishka

Directions(36-38):- Study the following information carefully and answer the given questions.

Six persons A, B, G, J, N and P are appeared for an exam in a Edutech company. Each of them has different years of experience in

field of teaching and gets different rank from 1 to 6 based on their performance in the exam.

J has less experience than G but more experience than N. The one who has least experience gets 1st rank. A has more experience than J. A and B gets 2nd and 4th rank respectively. P does not have the most experience. G gets 5th rank. P has more experience than G. A has more experience than two persons.

36. Who among the following has the third most experience?

1. A	2. G
3. B	4. P
5 N	

5. None of these

37. Which of the following rank gets the one who has second least experience?

1. 3rd 2. 6th 3.2^{nd} 4. 5th

5. Can't be determined

38. Which of the following statement is true regarding P?

1. P gets 6th rank

2. P gets higher rank than B

3. P has less experience than A

4. P has second most experience

5. All are true

39. Statements:

Only Park is Ground.

Only a few Office is Green.

No Ground is Green.

Conclusion

I: All Office can never be Park.

II: Some Office being Park is a possibility.

1. If only conclusion I follows.

2. If only conclusion II follows.

3. If either conclusion I or II follows.

4. If neither conclusion I nor II follows.

5. If both conclusions I and II follow.

40. Statements:

Few College is School.

Only Stadium is Home.

Only a few Home is School.

Conclusion

I: All school being Stadium is a possibility.

II: All school being Home is a possibility.

1. If only conclusion I follows.

2. If only conclusion II follows.

3. If either conclusion I or II follows.

4. If neither conclusion I nor II follows.

5. If both conclusions I and II follow.

41. Algorithm is used -----

1. To bring itself into desired state by its own action

2. To perform logarithmic operations

3. To describe a set of procedure by given result is obtained

4. As a high level language

5. none of these

42. Who is considered to the father of computers?

1. John Bardeen 2. Charles Babbage 3. John Backus 4. William Shockley

5. None of these

43. Which of the following will connect you to the Internet?





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TIME- 60 MINS

1. An Commercial online service

2. An Internet service provider

3. A network connection

4. All of the above

5. None of these

44. When more than one window is open, to switch to the next window — is the key combination.

1. CTRL+F5 3. CTRL+F7

2. CTRL+F6 4. CTRL+F8

5. None of these

45. Where are data and program stored when the processor uses them?

1. Main memory

2. Secondary memory

3. Disk memory 5. None of these 4. Program memory

46. Represents raw facts, where- as is a meaningful data.

1. Information, reporting

2. Data, information

3. Information, bits

4. Records, bytes

5. Bits, bytes

47. Saving is a process-

1. To copy the document from memory to storage medium

2. To bring change in present status of the document

3. To change entire form

4. All of the above

48. PNG stands for

1. Potable Name Generator

2. Portable Network Generator

3. Printed Name Graphics

4. Portable Network Graphics

5. None of these

49. The maximum Zoom percentage in MS PowerPoint is

1. 100% 2.200% 3.400% 4.500%

5. None of these

50. The word _FTP' stands for

1. File Translate Protocol 2. File Transit Protocol 3. File Typing Protocol 4. File Transfer Protocol

5. None of these

ENGLISH

Direction (Q. 51 - 60): In each of the questions given below, four words are given in bold. These four words may or may not be in their correct position. The sentence is then followed by options with the correct combination of words that should replace each other in order to make the sentence grammatically and contextually correct. Find the correct combination of words that replace each other. If the sentence is correct as it is, select (5) as

51. Periodic fact (A) point to the raids (B) that such prevalent (C) is widely **stealth** (**D**).

1. Both A-D and C-B

2. Only A-D

3. Both A-B and C-D

4. Only C-D

5. The sentence is correct.

52. This **firmly** (A) event places us **present** (B) on a swaying **conflictual** (C) between our **tightrope** (D) needs of the US as well

1. Both A-C and B-D

2. Only B-D

3. Only A-B

4. Both A-B and C-D

5. The sentence is correct.

53. The **malaise** (A) that even various government departments owe a **whopping** (B) Rs 360 crore to the electricity department highlights (C) the deep-rooted disclosure (D).

1. Only A-D

2. Both A-B and C-D

3 Only C-D

4. Both A-D and C-B

5. The sentence is correct.

54. She spent much of her time calmly (A) on the ship (B) of the **deck** (**C**) watching the vast stretch of the **sitting** (**D**) flowing river.

1. Both A-D and B-C

2. Only A-D

3. Only B-D

4. Both A-C and B-D

5. The sentence is correct.

55. Impunity (A) punishment should seem (B) them out of the sense of the general **stringent** (**C**) that they **jolt** (**D**) to enjoy.

1. Only B-D

2. Both A-C and B-D

3. Both A-D and B-C

4. Only B-C

5. The sentence is correct.

56. The massive (A) funeral procession (B) is a popularity (C) to his widespread **testament** (**D**).

1. Both A-B and C-D

2. Only C-D

3. Only B-C

4. Both A-C and B-D

5. The sentence is correct.

57. The shore (A) to need (B) up the moribund (C) financial state of the power sector is **urgent** (**D**).

1. Both A-C and B-D 3. Both A-D and C-B 2. Only A-B 4. Only C-D

5. The sentence is correct.

58. Of (A) the break of dawn every day, the vast expanse at (B) the river would get dotted (C) with rickety (D) boats coming from the opposite bank.

1. Only C-D

2. Both A-C and B-D

3. Only A-B

4. Both A-B and C-D

5. The sentence is correct.

59. On coming to power in 2014, new **policies** (A) of the country began reforming (B) of thinking (C) the citizenship law according to their own rulers (D).

1. Both A-B and C-D

2. Only A-B

3. Only B-C

4. Both A-D and B-C

5. The sentence is correct.

60. Globalisation is affecting (A) the patterns (B) of international trade (C) also in multiple (D) ways.

1. Both A-B and C-D

2. Only A-B

3. Both A-D and B-C

4. Only B-C

5. The sentence is correct.

Direction (Q. 61 - 65): Rearrange the following five sentences B, C, D, E, and F in the proper sequence to form a contextually correct and coherent paragraph. Then answer the questions given below. First and last sentences (i.e. A and G) of the sequence are

(A) Whereas all negative emotions are inside us, we think that negative emotions are produced by circumstances.





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TIME- 60 MINS

	an be produced by external causes if we	67. Which of the following should be the second sentence in the			
do not want it.		sequence?			
(C) This is one of the worst		1. D	2. E		
	not a single unavoidable reason why	3. B	4. A		
	some circumstance should produce a	5. C	hadra last back and acceptance to		
negative emotion in me.	noostivo amatiana ana muadosaad hee tha		68. Which of the following should be the last but one sentence in		
fault of other people or by the	negative emotions are produced by the	the sequence? 1. C	2. B		
	are in ourselves and are produced by	3. A	4. E		
ourselves.	are in ourserves and are produced by	5. A 5. D	4. L		
	otions because we permit them, justify	69. Which of the following should	ld be the first sentence in the		
	ernal causes, and in this way we do not	sequence?			
struggle with them.	mar causes, and in any way we do not	1. E	2. D		
	should be the last but two sentence in	3. C	4. B		
the sequence?		5. A			
1. F	2. C	70. Which of the following shoul	d be the third sentence in the		
3. E	4. B	sequence?			
5. D		1. C	2. D		
62. Which of the following	g should be the second sentence in the	3. E	4. A		
sequence?		5. B			
1. D	2. E	G.	K		
3. B	4. F				
5. C		71. What is the rank of Weight	tiliter Mirabai Chanu in latest		
	should be the last but three sentence in	Olympic qualification?	a. 011		
the sequence?		1. 5 th	2. 8th		
1. C	2. B	3. 3 rd	4. 11th		
3. F	4. E	5. 2nd			
5. D	1 111 4 411	72. The Lai Haraoba is an important			
	g should be the third sentence in the	the Meitei community in which stat 1. Manipur	2. Meghalaya		
sequence?	2. D	3. Tripura	4. Nagaland		
1. E 3. C	2. D 4. B	5. Sikkim	4. Nagaianu		
5. F	4. B	73. Which state launched 'K-RER	A' to bring transparency in real		
	should be the last but one sentence in	estate sector With an aim to boost			
the sequence?	should be the last but one sentence in	bring in more transparency in the re			
1. C	2. B	1. Maharashtra	2. Karnataka		
3. E	4. F	3. Kerala	4. Madhya Pradesh		
5. D		5. Tamil Nadu	•		
	arrange the following five sentences A,	74 . Which metro station will be re	enamed as Supreme Court metro		
	proper sequence to form a coherent	station.	•		
	e questions given below carefully.	1. Pragati Maidan metro station	2. Botanical Garden		
	an lead to daytime drowsiness and	3. Raja Nahar Singh metro station	4. Laxmi Nagar		
"microsleeps".		5. Jama Masjid			
(B) They usually last just a few seconds but can go on for 10 or 15		75 . Name of helpline which was			
seconds-and pose a grav	e danger if they happen while you're	State Road Transport Corporation (UPSRTC) for the safety of			
driving	•	women.			
(C) Insufficient sleep can be		1. Nirbhaya	2. Damini		
	odded off while sitting through a lecture,	3. Sajag	4. Nistha		
you've experienced a micros		5. SABLA			
	outs of sleep that occur during the day	76 . World Braille Language Day is	•		
that usually last just a few so		1. 5 April	2. 21 March		
	ng should be the last sentence in the	3. 19 December	4. 4 January		
sequence?	2.6	5. 12 March			
1. A	2. C	77. Name of woman who becam			
3. E	4. B	woman in the world to set foot on	six tallest mountain peaks in 6		
5. D		continents.	2 Fileen Collin		
		1. Angela Vorobeva	2. Eileen Collin		





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TIME- 60 MINS

3. Malavath Poorna

4. Aarohi Pandit

5. None of these

78. The Ministry of External Affairs (MEA) has announced the setting up of a new division on 'NEST' to deal with new and emerging technologies and partner with 5G and artificial intelligence areas of other countries. What does 'NEST' stand for?

- 1. New, Emerging and Strategic Technologies
- 2. Navigation, Emerging and strategic Technologies
- 3. New, Equipment and Strategic Technologies
- 4. New, Emerging and shield Technologies
- 5. None of these

79. As per the 'India State of Forest Report 2019', Which state secured first position for the highest growth in forest area in the country?

1. Gujarat

2. Haryana

3. Madhya Pradesh

4. Karnataka

5. Andhra Pradesh

80. Which Bank has given a \$75 million line of credit to Cuba for financing 75 MW Photovoltaic Solar Parks?

1. PNB Bank

2. Exim Bank

3. SBI Bank

4. ICICI Bank

5. None of these

81. Recently, which country has declared its giant paddlefish extinct due to overfishing and habitat loss?

1. Spain 3. Russia 2. China

5. Australia

4. France

82. Name of the project which was launched by Shri Hardeep Singh Puri with an aim of migrating the employees in airport from manual process of training to digital platform and enhance security and ease of doing business at airports.

1. e-ACBS Project

2. e-CSBA Project

3. e-SBCA Project

4. e-BCAS Project

5. None of these

83. Name of the Indian girl, who can sing in 120 languages, has won in the 'Global Child Prodigy Awards 2020',

1. Monisha Ghosh

2. T. L. Alamelu

3. Priti Patel

4. Sucheta Satish

5. Alok Sharma

- **84**. What is the theme of the New Delhi 'World Book Fair 2020'?
- 1. Books for Readers with Special Needs
- 2. Cultural Integrity
- 3. Books for people with special needs
- 4. Gandhi: the writers' Writer
- 5. None of these

85. Name of the minister who inaugurated National Stock Exchange (NSE) Knowledge hub, an artificial Intelligence (AI) powered learning Ecosystem that will assist Banking, financial services and insurance (BFSI) sector.

1. Ramesh Pokhriyal 3. Piyush Goyal

2. Rajnath Singh

4. Hardeep Singh Puri

5. None of these

86. Recently, which state became the 1st state to conduct an exercise to shortlist migrants from Pakistan, Bangladesh and Afghanistan for eligibility under the new Citizenship Amendment Act (CAA) 2019.

1. Uttar Pradesh

2. Assam

3. Haryana

4. Madhya Pradesh

5. None of these

87. Name of player who won the men's gold in Junior's 10-metre air pistol in the 63rd National shooting championship, Bhopal.

1. Saurabh chaudhary

2. Shiva narwal

3. Sarabjot Singh

4. Abhishek Verma

5. None of these

88. Recently, Kamal Bahadur Singh died at the age of 94. He was related to which field?

1. Politics

2. Sports

3. Actor

4. Writer

5. Social worker

89. Who was appointed as interim Managing Director and Chief Executive Officer (CEO) of Lakshmi Vilas Bank (LVB)?

1. Shayam Shrinavasan

2. S Sundar

3. M R Kumar

4. Parthasarathi Mukherjee

5. None of these

90. ECGC Limited (Export Credit Guarantee Corporation of India Ltd) is a company wholly owned by?

1. RBI

2. Government of India

3. IRDAI

4. NABARD

5. Finance Ministry