	Quantitative Aptitude						
1.	A man sold an item for Rs.6750 at a loss of 25%. What will be the selling price of same item if he sells it at a profit of 15%?						
	a) Rs.10,530 d) Rs.11,340	b) Rs.9,950e) None of these	c) Rs.10,350				
2.	The sum of the circumference of the rectangle is 112 sq. cm circle?	of a circle and the perimeter of a and breadth of the rectangle is	a rectangle is 132 cm The area 8 cm. What is the area of the				
	a) 616 sq. cm.d) Cannot be determined	b) 540 sq. cm.e) None of these	c) 396 sq. cm.				
3.	The cost of 5 kg of apple is equ to one kg of rice. The cost of apple, 2 kg of rice and 4 kg of f	al to the cost of 12 kg of rice. Th one kg. of flour is Rs.17.50. Wl lour together?	ne cost of 3 kg of flour is equal that is the total cost of 3 kg of				
	a) Rs.543 d) Rs.553	b) Rs.527 e) None of these	c) Rs.563				
4.	Thirty-five percent of 740 is 34 a) 45 d) 120	more than a number. What is tw b) 90 e) None of these	o-ffth of one number? c) 180				
5.	The ratio between the angles o is one-fourth the largest angle than second largest angle of the a) 80° d) Cannot be determined	f a quadrilateral is 6 : 3 : 4 : 5. 7 of the quadrilateral. Largest ang triangle. What is the second larg b) 60° e) None of these	The smallest angle of a triange gle of the triangle is 10° more gest angle of the triangle? c) 70°				
6.	A train covered a distance of 1 fifth the average speed of the tr a) 1234 km d) 1244 km	235 km in 19 hours. Also, the a ain. How much distance will the b) 1144 kme) None of these	average speed of a car is four- car cover in 22 hours? c) 1134 km				
7.	The ratio between the present a ratio between their ages was 4 : a) 18 years d) 29 years	ges of Meera and Priya is 3 : 4 r 7 respectively. What will be Me b) 24 years e) None of these	espectively. Ten years ago the era's age after 5 years? c) 23 years				
8.	The average marks of nine stumarks. What are the average marks a) 63.5 d) 62.5	idents in a group is 63. Three of arks of remaining six students? b) 64 e) None of these	of them scored 78, 69 and 48 c) 63				
9.	A bag contains 7 red balls, 4 balls drawn at random are eithe $\frac{1}{140}$	green balls and 5 yellow balls. r green or yellow?	What is the probability that 3 (2) $3/280$				
	d) 3/40	e) None of these	c) 5/200				
10.	Six boys or four men can comp and 10 men together complete t a) 6	blete a piece of work in 24 days. the same piece of work? b) 8	In how many days will 3 boys				
	d) Cannot be determined	e) None of these					

Directions – (Q. 11-15) Study the following information carefully to answer the questions that follow –

In a tournament, a total number of 400 players have participated in five different sports, viz., badminton, hockey, lawn tennis, cricket and baseball. 15% of the total players have participated in badminton. Two-fifth of the total players have participated in hockey. 6% of the total players have participated in cricket. Remaining players have participated in baseball. On-fourth of the hockey players are females. 20 % of badminton players are make. Half the players who have participated in Lawn tennis are males. There are 45 female cricket players. No female player has participated in baseball.

11. Number of female players participating in badminton is approximately what percentage of the number of players participating in baseball?

a) 72	 	b) 75	c) 80
d) 95		e) 86	

12. What is the difference between the number of male players participating in hockey and the number of female players participating in lawn tennis?

c) 102

a) 92	b) 98
1) 100	

- d) 108 e) None of these
- 13. If due to certain reason cricket game was dropped and all the cricket players left the tournament, then what wouyld be the total number of male players in the trounament?a) 200b) 210c) 190
 - d) 220 e) None of these
- 14. What is the respective ratio between the number of male players participating in badminton and the number of female players participating in hockey?

a) 3 : 11	b) 3 : 10	c) 6 : 11
d) 11 : 6	e) None of these	

15. What is the total number of female players participating in the tournament?
a) 130
b) 120
c) 145
d) 155
e) None of these

Directions - (Q. 16-20) Study the following table carefully to answer the questions that follow -

Number of Clerks and Officers Recruited (in thousands) by Five Different Banks during Six										
Bank										
	Α	A B C D E								
Year	Clerk	Officer	Clerk	Officer	Clerk	Officer	Clerk	Officer	Clerk	Officer
2004	4.2	1.6	3.6	2.2	5.3	3.8	6.9	5.6	7.7	6.9
2005	5.2	2.7	5.8	4.6	6.9	4.0	7.0	3.8	8.8	4.4
2006	3.3	3.9	4.9	2.8	6.4	4.6	9.5	7.8	9.9	7.9
2007	5.7	4.1	5.8	5.6	7.9	5.7	8.6	6.3	11.5	9.8
2008	6.9	3.9	6.9	5.7	5.8	6.4	11.7	9.8	14.8	11.3
2009	7.2	5.5	8.9	5.1	6.8	5.5	10.6	8.9	15.9	10.7

16. In which bank the total number of Officers and Clerks recruited together in the year 2008 is second highest?

a) E	b) C	c) B
d) A	e) D	

17.	What was the respective ratio be together in the year 2006 and th a) 31 : 18 d) 19 : 11	etween the total number of Offic e number of Clerks recruited by b) 31 : 17 e) None of these	ers recruited by bank C and D bank A in the year 2009? c) 18 : 35			
18.	What was the average number of a) 3000 d) 5500	f Officers recruited by Bank C o b) 5000 e) None of these	ver all the years? c) 30000			
19.	0. In which bank the number of Clerks recruited continuously increased during the year 2004 t					
	a) Only D and E d) Only C and D	b) Only Be) None of these	c) Only E			
20.	Total number of Officers red approximately what percentage 2008 and 2009 together?	cruited by all the banks toge of the total number of Clerks re	ther in the year 2004 was cruited by bank B in the year			
	a) 112 d) 127	b) 77 e) 102	c) 93			
Directi	ons – (Q. 21-25) What will com	e in place of question mark (?)	in the following questions?			
21	$(0.7)^2 \div (0.3/3) = (0.7)^2 \div (0.49)^2$	213				
21.	$(0.7)^{-1} + (0.5+3)^{-1} = (0.7)^{-1} + (0.11)^{-1}$	b) 6	c) 7			
	d) 4	e) None of these				
22.	$1575 \div 21 \div 5 = \sqrt{?} \times 6$					
	a) 6.25 d) 2.5	b) √2. 5e) None of these	c) 62.5			
23.	$5.6 \times 12.5 \div 0.5 + 15.5 = ? + 49$	0.5				
	a) 106	b) 110	c) 120			
	d) 156	e) None of these				
24.	$(\overline{?} 1)^2 = 8 \sqrt{28}$					
	a) 6 d) 7	b) 4e) None of these	c) 9			
25.	32.5 × 26% of 450 ÷ 3 745.5	= ?				
	a) 542	b) 522	c) 632			
	d) 612	e) None of these				
Directi followi	ons (Q. 26-30) What approximng questions? (You are not exp	nate value will come in place ected to calculate the exact val	of question mark (?) in the ue)			
76	$2^{\frac{2}{2}} \times \frac{4}{4} \cdot 1^{\frac{1}{2}} \times 4^{\frac{1}{2}} = 2$					
20.	$\frac{2}{7} \times \frac{5}{5} \times \frac{1}{19} \times \frac{4}{7} - \frac{1}{19}$	b) 4	a) 12			
	a) 2 d) 15	e) 7	C) 12			
	-,	-, .				

27. $(14.98)^2 (3.99)^3 + (8.01)^3 = ?$ a) 675 b) 600 c) 700 d) 580 e) 540

28. 35.01% of 999 + 19.	99% of 601 = ?	
a) 580	b) 470	c) 400
d) 540	e) 420	
29. 8999.94 3001.01	999.09 = ?	
a) 9000	b) 9500	c) 10000
d) 10500	e) 9700	
30. 1401 ÷ 29.98 × 9.96	100.01 = ?	
a) 460	b) 550	c) 365
d) 250	e) 200	

Directions (Q. 31-35) What will come in place of question mark (?) in the following number series?

31. 13 a) d)	8, 96, 161, 213, 252, ?) 264) 291	b) 278e) None of these	c) 265
32. 7 a) d)	7, 13, 24, 40, 61, ?) 87) 93	b) 92 e) None of these	c) 89
33. 8 a) d)	9, 12, 39, 55, 180, ?) 216) 206	b) 238e) None of these	c) 240
34. 3 a) d)	9, 7, 19, 39, 67, ?) 107) 103	b) 113e) None of these	c) 109
35. 7: a) d)	59, 423, 255, 171, 129, ?) 118) 92	b) 107e) None of these	c) 98

Reasoning Ability

36. In a certain code language 'they have come back' is written as najasa da and 'they have gone there' is written as 'da ka pa na'. How is 'come' written in that code language? a) sa b) pa c) ja

u) su	U) pu
d) sa or ja	e) Data inadequate

- 37. How many meaningful English words can be made with the letter IFEL using each letter only once in each word?
 - a) None b) One c) Two
 - d) Three e) More than three

38. Each consonant in the word TIRADES is replaced by the previous letter in the English alphabet and each vowel is replaced by the next letter in the English alphabet and the new letters are rearranged alphabetically. Which of the following will be the 4th from the right end? a) F b) J c) Q

- d) C e) None of these

20	Dointing to a g	irl Mihi	· coid "C	ha is the only deugh	tor of my grand father's only shild". How	
39.	is the girl relat	ed to Mil	i said, S	he is the only daugh	ter of my grand rather's only child . How	
	a) Daughter			b) Niece	c) Sister	
	d) Data inadeq	uate		e) None of these		
40.	In a row of 25	childrer	facing S	South R is 16 th from	the right end and B is 18 th from the left	
101	end. How man	y childre	n are the	re between R and B?		
	a) 2			b) 3	c) 4	
	d) Data inadeq	uate		e) None of these		
41.	41. W walked 40 m towards West, took a left turn and walked 30 m. He then took a walked 20 m. He again took a right turn and walked 30 m. How far was he fr					
	a) 70 m			b) 60 m	c) 90 m	
	d) Can't be det	ermined		e) None of these		
10			61.44	4 . 4		
42.	How many suc	n pairs o them in	the word	are there in the wor l as in the English al	nhabet?	
	a) None			b) One	c) Two	
	d) Three			e) More than three		
43	In a certain co	de GAT	'F is wri	tten as 5*3\$ and T(UR is written as 32@% How is URGE	
чэ.	written in that	code?	L 13 WH		JOK 15 WHILEI AS 52 @ 70. HOW 15 OKOL	
	a) 3%5\$			b) \$%@5	c) @%3\$	
	d) @%5\$			e) None of these		
44.	If it is possible 7394261 which be the 1 st digit	e to form h is the p of that ty	n only or perfect so	ne such number with uare of a two digit	in the 3^{rd} , 6^{th} and 7^{th} digits of the number odd number, which of the following will	
	a) 9	or that tv	vo-uigit (b) 3	c) 5	
	d) No such nur	nber can	be forme	ed	,	
	e) More than o	ne such i	number c	an be formed		
45.	How many sud digits between the number?	ch pairs them in	of digits the numb	are there in the nur per as when the digit	nber 539816 each of which has as many s are arranged in descending order within	
	a) None			b) One	c) Two	
	d) Three			e) More than three		
Directi	ons (O. 46-50)	Followin	g auestia	ons are based on the	five three digit numbers given below	
Directi		1 0110 011	g questi			
519	328	746	495	837		
46.	If half of the 2 value?	2 nd highes	st numbe	r is subtracted from	the 3 rd highest number, what will be the	
	a) 156		b) 146	c) 2	213	
	d) 214		e) None	e of these		
47.	If the positions the following y	s of the 1 will be th	st and the e 2 nd digi	e 3 rd digits in each o	f the numbers are interchanged, which of per?	
	a) 1		b) 2	c) 4	 +	
	d) 9		e) 3	,		

- 48. If in each number the 3rd digit becomes the 1st digit, the 1st digit becomes the 2nd digit and the 2nd digit becomes the 3rd digit, which of the following will be the 1st digit of the 2nd highest number?
 a) 9
 b) 6
 c) 5
 d) 7
 e) 8
- 49. Which of the following represents the difference between the 1st and the 2nd digits of the 2nd highest number?

a) 4	b) 1	c) 3
d) 5	e) None of these	

50. If '1' is subtracted from the 3rd digit of each number and '1' is added to the 1st digit of each number, which of the following will be the sum of the 2nd and 3rd digits of the 2nd lowest number?
a) 13
b) 9
c) 8
d) 6
e) None of these

Directions (Q. 51-55) Study the following arrangement carefully and answer the questions given below.

H 9 3 P \$ K E % 4 F R 1 U @ W G 2 M I 5 B Q Z 6 © * N ! 8 V J

- 51. If all the symbols and numbers are dropped from the above arrangement, which of the following will be the 14th from the right end?
 - a) M b) K c) W d) E e) None of these
- 52. What should come in place of the question mark (?) in the following series based on the above arrangement?

PK%	RUW	M5Q	?
a) ©N8		b) ©N@	c) 6*@
d) 6*8		e) None of these	

- 53. How many such numbers are there in the above arrangement each of which is immediately preceded by a letter and immediately followed by a symbol?
 - a) Noneb) Onec) Twod) Threee) More than three
- 54. Which of the following is the 7th to the left of the 20th from the left end of the above arrangement?
 a) U
 b) \$
 c) I
 - a) U b) \$ d) N e) None of these
- 55. How many such consonants are there in the above arrangement each of which is immediately followed by number but not immediately preceded by a number?
 - a) None b) One c) Two
 - d) Three e) More than three

Directions (Q. 56-60) In each of the questions below are given three statements followed by three conclusions numbered I, II and III. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

56. Statements:

Some carrots are brinjals. Some brinjals are apples.

Conclusions:

All apples are bananas. I. Some apples are carrots.

- II. Some bananas are brinjals. III. Some bananas are carrots.
- a) Only I follows
- b) Only II follows
- c) Only III follows
- d) Only either II or III follow
- e) None of these

57. Statements:	All keys are locks.
	All locks are bangles.
	All bangles are cars.
Conclusions:	I. Some cars are locks.
	II. Some bangles are keys.
	III. Some cars are keys.

- a) Only I follows
- b) Only I and II follow
- c) Only I and III follow
- d) Only II and III follow
- e) All I, II and III follow

58. Statements:	All fruits are leaves.
	Some leaves are trees.
	No tree is house.
Conclusions:	I. Some houses are fruits.
	II. Some trees are fruits.
	III. No house is fruit.

- a) Only I follows
- b) Only II follows
- c) Only III follows
- d) Only either I or III follows
- e) None follows

59. Statements:

All tables are mirrors. Some mirrors are chairs. All chairs are glasses.

Conclusions:

- I. Some glasses are mirrors.
- II. Some chairs are tables.
- III. Some mirrors are tables.
- a) Only I and II follow
- b) Only II and III follow
- c) Only I and III follow
- d) All I, II and III follow
- e) None of these

60. Statements:

All calculators are boxes. All boxes are taps. Some taps are machines.

Conclusions:

- I. Some machines are boxes.
- II. Some taps are calculators.
- III. Some boxes are calculators.
- a) Only I and II follow

b) Only I and III followc) Only II and III followd) All I, II and III followe) None of these

Directions (Q. 61-65) Study the following information carefully and answer the given questions.

A word and number, arrangement machine when given an input line of words and numbers rearranges them following a particular rule in each step. The following an illustration of input and rearrangement.

Input:	96 gain 63 forest 38 78 deep house
Step I	deep 96 gain 63 forest 38 78 house
Step II	deep 38 96 gain 63 forest 78 house
Step III	deep 38 forest gain 96 63 78 house
Step IV	deep 38 forest 63 gain 96 78 house
Step V	deep 38 forest 63 gain 78 96 house
Step VI	deep 38 forest 63 gain 78 house 96

And step VI is the last step of the rearrangement of the above input. As per the rules followed in the above steps, find out in each of the following questions the appropriate step for the given input.

61.	Input:	train 59 47 25 over burden 63 sky	
-----	--------	-----------------------------------	--

Which of the fo	llowing steps will be the	e last but one?
a) VI	b) V	c) IV
d) VII	e) None of these	se

- 62. Input: service 46 58 96 over there desk 15
 - Which of the following will be step VI?
 - a) desk 15 over service 46 58 96 there
 - b) desk 15 over 46 service there 58 96
 - c) desk 15 over 46 service 58 there 96
 - d) desk 15 over 46 service 58 96 there
 - e) There will be no such step

63. Step II of an input is: below 12 93 house floor 69 57 task

Which of the following will definitely be the input?

- a) 93 house 69 57 below task floor 12
- b) 93 house below 69 57 task floor 12
- c) 93 house floor 69 57 task below 12
- d) Can't be determined
- e) None of these

64. Step III of an input is: art 24 day 83 71 54 star power

- Which of the following steps will be the last? a) V b) VIII
- a) V b) VIII c) IX d) VII e) None of these

u) v II e) None of these

65. **Step II of an input is:** cold 17 wave 69 never desk 52 43 How many more steps will be required to complete the rearrangement?

now many more step	s will be required to c	complete the realitangement.
a) Six	b) Five	c) Four
d) Three	e) None of these	

Directions (Q. 66-70) In the following questions, the symbols *, @, %, @ and © are used with the following meaning as illustrated below.

'P % Q' means 'P is not smalle than Q'.

'P © Q' means 'P is neither smaller than nor equal to Q'.

'P * Q' means 'P is neither greater than nor equal to Q'.

'P ! Q' means 'P is not greater than Q'.

'P @ Q' means 'P is not greater than Q'.

Now, in each of the following questions assuming the given statements to be true, find which of the three conclusions I, II and III given below them is/are definitely true and give your answer accordingly.

66.	Statements: Conclusions:	R ! K, K * M, M @ J I. J © K II. M © R
	a) Only I and II are trueb) Only II and III are truec) Only I and III are trued) All I, II and III are truee) None of these	III. R * J ue e ue
67.	Statements: Conclusions:	Z @ M, M © K, K * F I. F © Z II. K * Z III. F © M
	a) None is trueb) Only I is truec) Only II is trued) Only III is truee) Only II and III are true	ue
68.	Statements: Conclusions:	B * J, J % W, W © M I. M * J II. W * B III. B © M
	a) None is trueb) Only I is truec) Only II is trued) Only III is truee) Only I and III are true	e
69.	Statements: Conclusions:	V % H, H @ F, F ! E I. F @ V II. F * V III. E % H
	a) Only either I or II isb) Only III is truec) Only I and II are trued) All I, II and III are tre) Only either I or II and	true 9 ue d III are true
70.	Statements: Conclusions:	W © T, T ! N, N % D I. D * T II. W © N

III. D @ T

a) None is trueb) Only I is truec) Only II is trued) Only III is truee) Only I and II are true

English Language

Directions (Q. 71-80) Read the following passage carefully and answer the questions given below it.

Rahul a young householder, used to study the scriptures everyday under a guru. One day the guru was explaining the following passage from the Upanishads.

"No husband is loved by his wife for his own sake but it is all for the sake of the self _____ No sons are loved by their fathers for their sake but it is all for the sake of the self that the sons become dear to him."

At that stage, Rahul intervened and said, "Sir, in my case, both my parents and my wife love me so dearly for my own sake that if I am delayed by a few minutes in reach ing home they get highly agitated and if something happens to me they will die." Guruji said, "You shall learn the truth of it tomorrow, when you see the result of a test I am going to hold. Before going to bed tonight, you must swallow this herbal powder. As a result, you will lie as if dead tomorrow morning, but you will be able to hear all that is spoken in your presence. After a few hours, when the effect of this medicine wears off, you will become normal and get up. You will see the fun."

Rahul did as instructed and in the morning his wife and parents found him 'dead'-lying motionless without any pulse or heartbeat. The guruji asked for a jar full of water and said, "I shall draw out all the bad destiny responsible for yhour son's death into this water. One of you will have to drink this water. The one who drinks will die immediately, while Rahul will be restored to life. Tell me who among you is prepared to die for him?

Both the parents refused saying, "we are old and, helping each other mutually. If one dies, the other will not have anybody to help. So our drinking the water is out of question." Rahul's young wife also said, "I am very young and have not seen anything of this world yet. When such old people, who have seen life in its fulness, do not want to die how can you expect me to volunteer for death?

A brighter idea flashed into the mind oif the fat her who told the guruji, "Sir, you are a reunciate and have no relatives to mourn your death. Why don't you drink the water yourself? We will conduct your funeral in a grand manner."

71. The contents of the passage prove that

a) What the Upanishad states appears to be true

- b) Rahul's initial understanding about his family members was true
- c) The guru did not have any miraculous power
- d) The guru did not have thorough knowledge of scriptures
- 72. After experimenting as per the guru's plan, Rahul realised that
 - a) His parents would do anything for his sake
 - b) His wife would readily sacrifice for his welfare
 - c) The guru's prediction had proved to be wrong
 - d) One loves oneself more than one loves anyone else

73. What according to the passage, was the essence of the Upanishad passage?

- a) Sons are loved by their fathers for the sake of themselves
- b) Relatives are dear to us because we love them
- c) Most human beings are not selfish
- d) Every person's actions are to gratify himself or herself
- 74. The guru wanted a jar of water to
 - a) Drink from as he was very thirsty
 - b) Extract the bad elements responsible for Rahul's death
 - c) Give it to Rahul's parents to drink from
 - d) Sprinkle it on Rahul's dead body to bring him to life
- 75. Which of the following was proposed by Rahul's father to the guru?
 - a) He (Rahul's father) may be given the enchanted water to drink
 - b) Rahul's wife was the most appropriate person to drink the magical water
 - c) Rahul be brought back to life without the death of anybody else
 - d) None of the above

Directions (**Q**. ____) Choose the word which is most opposite in meaning of the word given in bold as used in the passage.

76. Refuseda) Deniedd) Defused	b) Accepted e) Accomplished	c) Declined
77. Brighta) Vividd) Shadow	b) Dark e) Stupid	c) Dazzling
78. Agitateda) Rousedd) Calm	b) Troubled e) Angered	c) Excited

Directions (**Q.**___) Choose the word which is most nearly the same in meaning of the word given in bold as used in the passage.

79.	Apprised		
	a) Respected	b) Valued	c) Assessed
	d) Shown	e) Informed	
80.	Entreated		
	a) Respected	b) Implored	c) Desired
	d) Commanded	e) Managed	

Directions (**Q. 81-85**) Which of the phrases (1), (2), (3) and (4) given below each sentence should replace the word/phrase printed in bold in the sentence to make it grammatically correct? If the sentence is correct as it is given and no correction is required, mark (5) as the answer.

- 81. NABARD has the responsibility of lay down the policies for the RRBs, to oversee their operations, provide refinance facilities, to monitor their performance and to attend their problems.a) to laid down
 - b) of laying down c) on lays down
 - d) for lay downs

e) No correction required

- 82. Groundwater and surface water are **traditionally concerned** of rural communities, as those communities are almost exclusively served by well water.
 - a) a tradition of concern
 - b) traditions of concerning
 - c) traditionally concerns
 - d) tradition for concerned
 - e) No correction required
- 83. The **very publicised** mid day meal scheme meant to reduce dropout rates in schools seems to be not yielding the desired results.
 - a) muchpublicised
 - b) many publicity

c) too public

- d) little publicity of
- e) No correction required
- 84. Not like the urban schools and colleges, the schools in rural areas do not encourage the children to excel in extracurricular activities.
 - a) Similarly to b) Inspite of c) Unlike
 - d) Despite e) No correction required
- 85. The government said that the iron levels in groundwater were higher **than that prescribe** in 254 districts.
 - a) then those prescribe
 - b) then that prescribed
 - c) prescription
 - d) than those prescribed
 - e) No correction required

Directions (Q. 86-90) Each question below has two blanks, each blank indicating that something has been omitted. Choose the set of words for each blank which best fits the meaning of the sentence as a whole.

- 86. A model based approach has been _____ to identify the factors that are _____ for the problems faced by the rural areas.
 - a) pursued, guilty
 - b) placed, accountable
 - c) approved, made
 - d) identified, liable
 - e) adopted, responsible
- 87. Farm living is dependent on _____ environmental conditions, and in times of drought, flood or pestilence, survival becomes extremely _____.
 - a) irregular, simple
 - b) sedentary, dangerous
 - c) erratic, easy
 - d) unpredictable, problematic
 - e) impulsive, tough
- 88. It is also a _____ of industrialization that farms become more mechanized, putting many labourers out of _____.a) result, work
 - b) point, city

- c) idea, labour
- d) consequence, bounds
- e) cause, employment
- 89. Since their inception, Regional Rural Banks have taken _____ roots and have become a sort of _____ part of the rural credit structure in India.
 - a) many, frivolous
 - b) to, vital
 - c) several, small
 - d) all, essential
 - e) deep, inseparable
- 90. Any new proposal in the educationsector should _____ the chances for the rural poor to have a _____ education at par with their urban counter parts in their villages themselves.
 - a) increase, well
 - b) improve, good
 - c) search, standard
 - d) glorify, better
 - e) lessen, regular

Directions (Q. 91-100) Reach each sentence to find out whether there is any grammatical error or idiomatic error in it. The error, if any, will be in one part of the sentence. The number of that part is the answer. If there is no error, the answer is (5). (Ignore errors of punctuation, if any).

- 91. In this globalized era, which (1) / many rich and fortunate urban children are (2) / becoming technologically savvy, their rural counter parts (3) / do not know much even about computers. (4) No error (5)
- 92. A strong bond of friendship among (1) / school administrative staff and teachers are (2) / responsible for the negligence of (3) / many aspects of education. (4) No error (5)
- 93. The Minister saying that the States (1) / had been requested to accord priority to (2) / water quality affected habitations and to ensure that (3) / funds provided by the federal government were utilized. (4) No error (5)
- 94. Many of (1) the households in the urban areas (2) / are blessed with (3) / technological advancement. (4) No error (5)
- 95. While ground water is not the only sources of (1) / drinking water that the government utilizes, it is one of the (2) / key supplies and the dependence on (3) / ground water has been increasing over the years. (4) / No error (5)
- 96. The buzz at the party was (1) / that a famous (2) / filmstar and politician, would (3) / probable drop by for a while (4) / No error (5)
- 97. The opposition disrupted proceedings (1) / in both Houses of Parliament (2) / for the second consecutive day (3) / above the plight of farmers in the country (4) / No error (5)
- 98. In response of the growing crisis, (1) / the agency is urgently asking for (2) / more contributions, to make up for (3) / its sharp decline in purchasing power (4) / No error
- 99. The Tennis player easy through (1) / the opening set before her opponent, (2) / rallied to take the final two sets (3) / for the biggest victory of her young carrer. (4) No error (5)
- 100. Aggression in some teenage boys (1) / may be linkage to overly (2) / large glands in their brains, (3) / a new study has found. (4) No error (5)

Answers:

1. Option C

C.P. of the item = $\frac{6750 \times 100}{75}$ = Rs.9000 Required S.P. of the item = $\frac{9000 \times 115}{100}$ = Rs.10350

2. Option A

Length of the rectangle = $\frac{112}{8}$ = 14 cm. Pedrimeter of the rectangle = 2 (14 + 8) = 44 cm. Circumference of the circle = 132 44 = 88 cm. $r = \frac{88 \times 7}{2 \times 22} = 14$ cm. Area of the rectangle = $\frac{22}{7} \times 14 \times 14 = 616$ sq. cm.

3. Option D

Cost of 2 kg of rice = $17.50 \times 3 \times 2 = \text{Rs.105}$ Cost of 3 kg of apple = $17.50 \times 3 \times 12 \times \frac{3}{5} = \text{Rs.378}$ Cost of 2 kg of rice + 3 kg of apple + 4 kg of flour = $105 + 378 + 17.50 \times 4 = \text{Rs.553}$

4. Option B

Number = $740 \times \frac{35}{100}$ 34 = 225 $\frac{2}{5}$ of the number = $225 \times \frac{2}{5} = 90$

5. Option C

The largest angle of the quadrilateral $=\frac{6 \times 360^{\circ}}{6+4+3+5} = 120^{\circ}$ The smallest angle of the triangle $= 120 \times \frac{1}{4} = 30^{\circ}$ If the second largest angle of the triangle be x°, then the largest angle of the triangle $= (x^{\circ} + 10^{\circ})$

30 + x + x + 10 = 180 $x = 70^{\circ}$

6. Option B

Speed of the train = $\frac{1235}{19}$ = 65 km/hr. Speed of the car = 65 × $\frac{4}{5}$ = 52 km/hr. Required distance = 52 × 22 = 1144 km/hr.

7. Option C

Let the present age of Meera be 3x years The present age of Priya = 4x years $\frac{3x}{4x} \frac{10}{10} = \frac{4}{7}$ $21x \quad 70 = 16x \quad 40$ $x = \frac{70 \quad 40}{5} = 6$ Meera's age of 5 years = $3 \times 6 + 5 = 23$ years

8. Option E

The average marks of remaining 6 students = $\frac{9 \times 63}{6} = \frac{(78 + 69 + 48)}{6}$ = $\frac{567}{6} = 62$

9. Option E

Total ways = ${}^{16}c_3$ = $\frac{16}{13}$ = 560 Fourable ways = ${}^{4}c_3$

10. Option B

4 men = 6 boys 10 men = $\frac{6}{4} \times 10 = 15$ boys 10 men + 3 boys = 15 + 3 = 18 boys Required number of days = $\frac{6 \times 24}{18} = 8$

Game	Male Players	Female Players	Total of Players
Badminton	12	48	60
Lawn Tennis	12	12	24
Hockey	120	40	160
Cricket	55	45	100
Baseball	56	Х	56

11. Option E

Required % = $\frac{48}{56} \times 100 = 86$ (App.)

- 12. Option D Required difference = 120 12 = 108
- 13. Option A Required number = 12 + 12 + 120 + 56 = 200
- 14. Option B Required ratio = 12:40= 3:10
- 15. Option C Required number = 48 + 12 + 40 + 45 = 145
- 16. Option E

In bank A, the number of officers and clerks in 2008 = (6.9 + 3.9) thousand = 10800 In bank B, the number of officers and clerks in 2008 = (6.9 + 5.7) thousand = 12600 In bank C, the number of officers and clerks in 2008 = (5.8 + 6.4) thousand = 12200 In bank D, the number of officers and clerks in 2008 = (11.7 + 9.8) thousand = 21500 and in bank E, the number of officers and clerks in 2008 = (14.8 + 11.3) thousand = 26100 The second highest number is in 'D'.

17. Option A

Required ratio
$$=\frac{4.6 + 7.8}{7.2}$$

 $=\frac{124}{72} = 31:18$

- 18. Option B The average number = $\frac{3.8 + 4.0 + 4.6 + 5.7 + 6.4 + 5.5}{6}$ thousand = 5000
- 19. Option C
- 20. Option D % = $\frac{1.6 + 2.2 + 3.8 + 5.6 + 6.9 \times 100}{6.9 + 8.9}$ = $\frac{2010}{15.8} = 127$ (App.)
- 21. Option E

$$(0.7)^{2} \div 0.343 = (0.7)^{7} \div (0.49)^{3}$$
$$\frac{(0.7)^{2}}{(0.7)^{3}} = \frac{(0.7)^{7}}{(0.7)^{5}}$$
$$(0.7)^{2} \stackrel{3}{=} = (0.7)^{7} \stackrel{6}{=} ?$$
$$(0.7)^{2} \stackrel{3}{=} = (0.7)^{7} \stackrel{6}{=} ?$$
$$(0.7)^{2} \stackrel{3}{=} = (0.7)^{7} \stackrel{6}{=} ?$$
$$(0.7)^{2} \times 6 = \frac{1575}{21 \times 5}$$
$$\sqrt{7} \approx \frac{15}{6} = 2.5$$
$$? = 6.25$$

23. Option A
$$? + 49.5 = 5.6 \times \frac{12.5}{0.5} + 15.5$$
$$= 155.5 \qquad 49.5$$
$$= 106$$

24. Option D
$$(\sqrt{7} \quad 1)^{2} = 8 \quad \sqrt{28}$$
$$= 7 + 1 \quad 2\sqrt{7}$$
$$(\sqrt{7} \quad 1)^{2} = (\sqrt{7} \quad 1)^{2}$$
$$\sqrt{?} = \sqrt{7}$$
$$? = 7$$

25. Option B
$$? = 32.5 \times \frac{26}{100} \text{ of } 450 \div 3$$
$$= 32.5 \times \frac{117}{3} \quad 745.5$$
$$= 1267.5 \quad 745.5$$
$$= 522$$

26. Option E
$$? = 2\frac{2}{7} \times \frac{4}{5} \div 1\frac{1}{19} \times 4\frac{1}{7}$$
$$= 2 \times 1 \div 1 \times 4$$
$$= \frac{2 \times 1}{1} \times 4$$
$$= 7 \text{ (App.)}$$

27. Option A
$$? = (14.98)^{2} (3.99)^{3} + (8.01)^{3}$$
$$= (15)^{2} (4)^{3} + (8)^{3}$$
$$= 225 \quad 64 + 512$$
$$= 675 \text{ (App.)}$$

28. Option B
$$? = \frac{3501}{100} \text{ of } 999 + \frac{19.99}{100} \text{ of } 601$$
$$= \frac{35}{100} \text{ of } 1000 + \frac{20}{100} \text{ of } 600$$
$$= 350 + 120 = 470$$

29. Option C

? 4999.91 = 8999.94 3001.01 999.09 ? 5000 = 9000 3001 999 ? = 9000 3001 999 + 5000 = 10000
30. Option C ? = $1401 \div 29.98 \times 9.96$ 100.01 = $\frac{1401}{30} \times 10$ 100 = 467 100 = 365 (App.)
31. Option B 18 + 78 = 96 + 65 = 161 + 52 = 213 + 39 = 252 + 26 = 278
32. Option A 7 + 6 = 13 + 11 = 24 + 16 = 40 + 21 = 61 + 26 = 87
33. Option A 8 + (2) ² = 12 + (3) ² = 39 + (4) ² = 55 + (5) ² = 180 + (6) ² = 216
34. Option D 3 + 4 = 7 + 12 = 19 + 20 = 39 + 28 = 67 + 36 = 103
35. Option E 759 336 = 423 168 = 255 84 = 171 42 = 129 21 = 108
 36. Option D They have come back – na ja sa da They have gone there – da ka pa na From both statements they have – na, da So, come = ja or sa
37. Option B38. Option BTIRADESJQBCFAlphabetically rearranged = BCFJQRSSSSSSTTSS <td< th=""></td<>
39. Option C 40. Option E 41. Option B 42. Option D 43. Option D G A T E T O U R U R G E 5* 3 \$ 3 2 ! %
 44. Option E 7 3 9 4 2 6 1 961 - numbe formed - 169 and square root of 169 = 13, also the square root of 31. So, more than one such number can be formed.
45. Option D 46. Option B 519 746/2 = 146

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961 will be











Step III: Cold 17 desk wave 69 never 52 43 Cold 17 desk 43 wave 69 never 52 Step IV: Step V: Cold 17 desk 43 never wave 69 52 Step VI: Cold 17 desk 43 never 52 wave 69 66. Option D 67. Option C 68. Option B 69. Option E 70. Option A 71. Option A 72. Option D 73. Option D 74. Option B 75. Option D 76. Option B 77. Option E 78. Option D 79. Option E 80. Option B 81. Option B 82. Option C 83. Option A 84. Option C 85. Option D 86. Option E 87. Option D 88. Option A 89. Option B 90. Option B 91. Option A 92. Option B 93. Option A 94. Option A 95. Option A 96. Option D 97. Option D 98. Option D 99. Option A 100. Option B

