# MHT CET (Architecture) Entrance Exam Sample Paper

#### **Directions:** Choose the best alternative.

1.	Four the following	five are alike in a c	certain why and so	form a group, which	n is the one that does no
	belong to the group	?			
	(1) Door	(2) Wall	(3) Window	(4) Roof	(5) Concrete
2.	Locker is related to	'Jewellery' in the s	ame way as 'Godo	wn' is related to-	
	(1) Storage	(2) Grasim	(3) Garments	(4) Goods	(5) Eatables
3.	In a certain Code D	ESK is written as #	\$ 52. RIDE is writte	n as %7#\$. How is f	Risk written in that code?
	(1) % 725	(2) % 752	(3) %7#2	(4) %7\$#	(5) None of these
4.	How many such p	pairs of letters are	there in the word	INSTRUCTION wh	ich have as many letters
	between them in th	e word as in the En	glish alphabet?		
	(1) One	(2) Two	(3) Three	(4) Four	(5) None of these
5.	In a certain code la	anguage FIGHTING	is written as BMC	RQMPC. How will I	FITTING be written in this
	code language?				
	(1) BMQQMPC	(2) BMQQPMC	(3) BMMQQPC	(4) MBQMQPC	(5) BMNQRC
ŝ.	In a certain code la	inguage 15729 is w	ritten as AEGBI & 2	2346 is written as B0	CDF, then how will 23549
	be written in that la	inguage?			
	(1) BCEDI	(2) CEBDI	(3) CBEDI	(4) ABEDI	(5) None of these
7.	"BEGK" is related t	to "ADFJ" in the san	ne way as the "PSV	Y" is related to:	
	(1) ORUX	(2) ROUX	(3) LQUT	(4) LOQT	(5) None of these
Q.8 –	· 10: In question 8 a	and 10 select the a	Ilternative which c	ompletes the serie	es
3. V	VFB, TGD, QHG: ?				
	(1) NJK	(2) NIJ	(3) OIK	(4) NIK	(5) PJK
9.	BMX, DNW, FOU:	?			
	(1) HPS	(2) GPS	(3) HPT	(4) HQS	(5) GHO
10.	KORT, PJWO :: FI	NR: ?			
	(1) JCRN	(2) JSMR	(3) KDSM	(4) KCSM	(5) JRMR
	45.1.1.64.6				4 4 0
	15: In each of the f				
11.	(1)65	(2) 90	(3) 94	(4) 85	(5) 56
12.	(1) GJM	(2) EIL	(3) VXB	(4) PSV	(5)MSP
13.	(1)The Hindustan	. ,	. ,	(4) Indian Express	•
14.	(1)MARS	(2) SUN	(3) Saturn	(4) Mercury	(5) Pluto
15.	(1)EIK	(2) NRT	(3) RVX	(4) KOQ	(5) KLO

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#### Questions 16 – 25: Study the graph to answer the given questions.

#### Company A Company B

Income in 1999

Rs. 10 crores

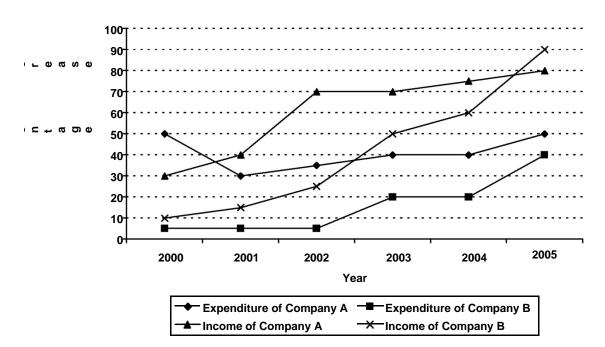
Rs. 20 crores

Profit = I – E; % profit =  $\frac{\text{Pr ofit}}{\text{F}}$  · 100

**Expenditure in 1999** 

Rs. 5 crores

Rs. 10 crores



16. How much was the income of Company B in 2000?

(1) Rs. 21 crores

(2) Rs. 25 crores

(3) Rs. 26 crores

- (4) Cannot be determined
- (5) None of these

17. How much was the Expenditure of Company A in 1998?

(1) Rs. 2.5 crores

(2) Rs. 1.5 crores

(3) Rs. 3 crores

- (4) Cannot be determined
- (5) None of these

18. Which year was the income of Company A around Rs. 90 crores?

- (1)2004
- (2)2005
- (3) 2003
- (4) Cannot be determined (5) None of these

19. How much is the percent profit of Company A in 2000?

- $(1)^{73}\overline{3}$
- (2) 57.7
- (3)  $42\frac{}{10}$
- (4) Cannot be determined (5) None of these

20. How much is the profit of Company B in 2001?

- (1) Rs. 14,27,50,000/-
- (2) Rs. 11,50,00,000/-
- (3) Rs. 8,45,00,000/-

- (4) Cannot be determined
- (5) None of these

21. How much is the Income of Company A in 2002?

- (1) Rs. 18,20,00,000/-
- (2) Rs. 31,62,50,000/-
- (3) 30,94,00,000/-

- (4) Cannot be determined
- (5) None of these

22. Which year was the Income of Company B around Rs.76 crores?

- (1)2003
- $(2)\ 2004$
- (3) 2005
- (4) 2002 & 2003
- (5) None of these

23.	The Income of Company A in 2001 is what percent of that of 1999?										
	1 (1) 233 3	_1									
	•	<u> </u>	(3)182	(4) 150	(5) None of these						
24.	For Company B,		nd <b>approximate</b> per	•							
	(1) 175	(2) 180	(3) 320	(4) 130	(5) 240						
25.	Which of the follow	•									
		•	anies increased eve								
			was more than that								
	(3) The percent onwards.	profit of Company	B was more than	that of Company A	A in each year from 2000						
	(4) In 2002, the ex	xpenditure of Comp	any B was less thar	that of Company A	A						
	(5) The expenditu	re of Company B w	as not the same for	any of the two give	n years.						
Q.26	6 - 30: Rearrange the following six sentences (A), (B), (C), (D), (E) and (F) in the proper sequence to form a										
mean	ningful paragraph; then answer the questions given below them.										
(A)	Do the devices that make it possible to do so many things at once truly raise our productivity or merely										
	help us spin our w	heels faster?									
(B)	More important, th	ey're exploring what	can be done about	it - how we can wo	rk smarter, live smarter and						
	put our beloved ga	dgets back in their p	roper place, with us r	running them, not the	e other way around.						
(C)	The dinging digita	I devices that allow	us to connect and	communicate so re	adily also disrupt our work,						
	our thoughts and	what little is left of o	ur private lives.								
(D)	They have begun	to calculate the plu	ises, the minuses a	nd the economic co	osts of the interrupted life –						
	in dollars, product	ivity and dysfunction	n.								
(E)				switching taking or	our ability to think clearly,						
	work effectively ar	nd function as healt	hy human beings?								
(F)	Over the past fiv	re years, psycholog	gists, efficiency exp	erts and information	on-technology researchers						
	have begun to exp	olore those question	ns in detail.								
26.		wing should be the									
	(1) A	(2) B	(3) C	(4) D	(5) E						
27.		•	SECOND sentence?								
	(1) A	(2) B	(3) C	(4) D	(5) E						
28		wing should be the			–						
	(1) A	(2) B	(3) C	(4) D	(5) E						
29		wing should be the			–						
	(1) A	(2) B	(3) C	(4) D	(5) E						
30		•	SIXTH (LAST) sente		4=1 <b>-</b>						
	(1) A	(2) B	(3) C	(4) D	(5) E						

Q.31 - 35: Which of the phrases (1), (2), (3) and (4) given below should replace the phrase given in **bold** in the following sentence to make the sentence grammatically meaningful and correct. If the sentence is correct as it is and no correction is required, mark (5) as the answer.

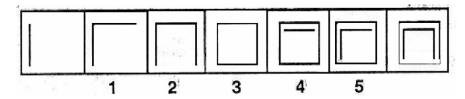
- 31. In any serious investigation, all points of suspicions should check properly.
  - (1) must check properly
- (2) should be checked properly
- (3) should properly check

- (4) must properly check
- (5) No correction required
- 32. The circumstances in which he succumbed below pressure, are not known.
  - (1) succumbed below force
- (2) was succumbed below pressure
- (3) was succumbing below force
- (4) succumbed to pressure
- (5) No correction required
- All human beings are vulnerable to greed and temptations. 33.
  - (1) are vulnerable for
- (2) have vulnerability of
- (3) were vulnerable at
- (4) have been vulnerable with (5) No correction required
- **How did the burglar got** into the bank is a mystery.
  - How did the burglar get
- (2) What did the burglar get
- (3) How the burglar got

- (4) Why did the burglar get
- (5) No correction required
- What most of the people think right cannot be said to be necessary and right? 35
  - (1) said to be necessarily
- (2) said to be necessarily and
- (3) necessarily said to be
- (4) said necessary and to be
- (5) No correction required

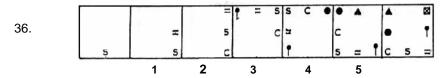
Q.36 - 40: In each of the following questions series begins with unnumbered figure on the extreme left. One and only one of the five numbered figures in the series does not fit into the series. The two unnumbered figures one each on the extreme left and the extreme right fit into the series. You have to take as many aspects into account as possible of the figures in the series and find out the one and only one of the five numbered figures which does not fit into the series. The number of that figure is the answer.

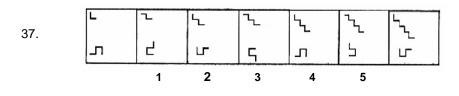
#### Study the following question.

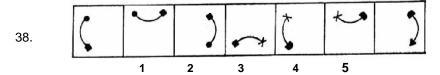


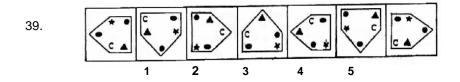
In this question the number of lines in the figures goes on increasing by one from left to right. If we go by this aspect of 'number of lines' only then there is no wrong figure in the series. But if we also consider the 'manner' in which the 'number of lines' in the figures goes on increasing from left to right we come to know that the figure No. 4 does Not fit into the series. Therefore, 4 is the answer.

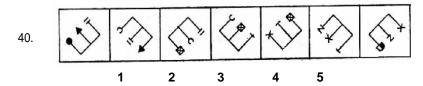
Now solve the following questions.











**Q.41 – 45:** Each of the questions below consists of a question and two statements numbered I and II are given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and –

**Give answer (1)** if the data in Statement I alone are sufficient to answer the question; while the data in Statement II alone are not sufficient to answer the question.

**Give answer (2)** if the data in statement II alone are sufficient to answer the question, while the data in Statement I alone are not sufficient to answer the question.

Give answer (3) if the data in Statement I alone or in statement II alone are sufficient to answer the question.

Give answer (4) if the data in both the statements I and II are not sufficient to answer the question.

**Give answer (5)** if the data in both the statements I and II together are necessary to answer the question.

- 41. What is the code for "sky' in the code language?
  - I. In a code language 'sky is clear' is written as 'de ra fa'.
  - II. In the same code language 'make it clear' is written as 'de ga jo'.
- 42 How is Mohan related to Divya?
  - I. Mohan is the only son of Divya's mother-in-law.
  - II. Rani is Mohan's only sister.
- 43 Village 'R' is in which direction with respect to village 'D'?
  - I. Village 'R' is to the North of village 'T' which is to the West of village 'F'.
  - II. Village 'D' is to the West of village 'T'.
- 44. How many children does 'M' have?
  - I. 'H' is the only daughter of 'X' who is wife of 'M'. II.

K and J are brothers of M.

- What is Sunil's rank from the top in a class of 25 students?
  - I. Sunil ranks three ranks above Sudhir who ranks 18<sup>th</sup> from the bottom.
  - II. Sunil rank from the top is two ranks below Sheela who ranks 23<sup>rd</sup> from the bottom.
- Q.46 50: In each question below are three statements followed by three conclusions numbered I, II and III. You have to take the three given statements to be true even if they seem to be at variance from commonly known facts and then decide which of the given conclusions logically follows from the three given statements disregarding commonly known facts. Then decide which of the answers (1), (2), (3), (4) and (5) is the correct answer and indicate it on the answer sheet.
- 46 Statements: Some chairs are tables. Some tables are drawers. All drawers are shelves.

Conclusions: I. Some shelves are tables.

II. Some drawers are chairs

III. Some shelves are drawers.

(1) Only I & III follow (2) Only I a

- (2) Only I and either II or III follow (3) Only II and either I or III follow
- (4) All I, II & III follow (5) None of these
- 47. Statements: All trees are flowers. Some flowers are leaves. No leaf is bud.

Conclusions: I. No bud is a flowers.

II. Some buds are flowers.

III. Some leaves are trees.

(1) Only II & III follow (2) Only III follows (3) Only either I or II follows

(4) Either I or II and follow (5) None of these

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40	Statements. All	siones are	HOCKS. SUITIE	tiocks are pricks.	Some blicks are ce	ement.
	Conclusions:	I. S	Some cements	s are rocks.		
		II S	Some cements	s are stones.		
		III. N	lo cement is s	stone.		
	(1) Only I and eith	ner II or III	follow	(2) Only eith	er II or III follows	
	(3) Only I & II follo	OW		(4) All follow	(5) No	one of these
49.	Statements: All	flats are bu	uildings. All bu	uildings are bunga	lows. All bungalows	are apartments.
	Conclusions:	I. S	Some apartme	ents are flats.		
		II. A	III flats are bu	ıngalows.		
		III. S	Some bungalo	ows are flats.		
	(1) None follows	(2	2) Only I & II f	follow	(3) Only II & III follo	OW
	(4) Only I & III follows	ow (	5) All I, II & III	follow		
50	Statementa: Sar	no onooto	oloo oro lon	anna Coma Ionas	oo oro framaa All	from an are
50	metals. Conclusi	-			es are frames. All	names are
	II.		netals are spe			
	III		rames are spe			
	(1) None follows	,	2) Only I follo		(3) Only I and eithe	r II or III follow
	(4) Only I and II f	ollow (	5) None of the	ese		
Q.51	- <b>56:</b> In the followi	ng series <b>t</b>	wo numbers a	are <b>wrong</b> . One ni	umber is wrong just l	by exactly $\pm$ 1, whereas the
other	is wrong by a big	ger margir	n. Find out th	e wrona number v	with the bigger mare	gin. (The first and the last
	ers in the series ar	-		3	33	9 (
		,				
51.	3 5 7 13 2	1 38 5	55			
	(1) 5	(2) 7	(3	3) 13	(4) 21	(5) 38
52.	4 3 2 3 6	18 45	157.5			
	(1) 3	(2) 2	(3	3) 6	(4) 18	(5) 45
53.	15 22 13 2°	1 11 2	24 9 26			
	(1) 8	(2)13	(3	3) 21	(4) 24	(5)9
54.	1 8 32 65	125 216	343 512	2		
	(1) 8	(2) 32	(3	3) 65	(4) 216	(5) 343
55.	2500 2401 2110	, ,	`	,	,	,
	(1) 1600				(4)2401	(5) 1937
56.				561 1594323	. ,	
J <b>U</b> .	(1) 3	(2) 8			(4) 243	(5) 6561
	· / -	(-/ -	(-	-, <del>-</del> -	( , =	(-,

#### Q.57 – 61: Study the following table to answer the given questions.

### NUMBER OF CANDIDATES WHO REGISTERED (R), APPEARED (A) AND PASSED (P) FOR **DIFFERENT PROGRAMMES FOR THE GIVEN YEARS**

Rrog.		Α			В			С			D			E			F	
Year	R	Α	Р	R	Α	Р	R	Α	Р	R	Α	Р	R	Α	Р	R	Α	Р
1999	500	500	400	100	100	50	50	45	20	900	450	420	100	100	20	140	70	60
2000	600	550	400	110	110	55	50	46	20	1000	500	180	100	100	15	200	130	120
2001	550	525	410	160	160	90	50	44	20	1300	600	370	100	100	40	160	90	90
2002	800	700	550	190	190	110	70	60	30	1900	800	440	100	100	35	150	110	100
2003	850	825	600	300	300	200	70	65	30	1800	750	460	100	100	37	400	300	155
2004	990	950	750	350	345	290	90	85	35	1600	800	510	100	100	42	300	225	128

2000	600	550	400	110	110	55	50	46	20	1000	500	180	100	100	15	200	130	1
2001	550	525	410	160	160	90	50	44	20	1300	600	370	100	100	40	160	90	9
2002	800	700	550	190	190	110	70	60	30	1900	800	440	100	100	35	150	110	1
2003	850	825	600	300	300	200	70	65	30	1800	750	460	100	100	37	400	300	1
2004	990	950	750	350	345	290	90	85	35	1600	800	510	100	100	42	300	225	1
57.	For wh	nich pr	ogram	me th	ere se	ems to	be f	ixed	numk	er dec	ided to	pass	for dif	ferent	years	s?		
	(1) A			(2)B			(3)	С		(	(4) D			(5)E				
58.	In 200	2, for	Progra	ımme	A, wha	at is th	e per	centa	age o	f passe	ed ove	r Regis	stered	?				
											(4) 68	3						
	(1) 78.	.57		(2)87	7.50		(3)	78.0	9	(	(4)68	4		(5) No	ne of	these	)	
59.	For P	rogran	nme B	, whic	ch yea	ır is tl	ne pe	ercen	t inc	rease i	n Reg	istere	d from	n the	previ	ous y	ear th	е
	maxim	num ?																
	(1) 200	03		(2)20	004		(3)	2002	<u> </u>	(	(4) 200	1		(5) No	ne of	these	)	
60.	How m	nuch is	the di	fferen	ce in th	ne nun	nber /	Арре	ared	and Pa	ssed fo	or Prog	gramm	e D fo	r the	given	years'	?
	(1) 14	10		(2) 15	500		(3)	1620	)	(	(4) 460	0		(5) No	ne of	these	<del>)</del>	
61.	In 200	3, whi	ch Pro	gramr	ne had	d the n	naxim	num p	erce	nt of pa	assed	over R	egiste	red?				
	(1) A			(2)B			(3)	F		(	(4) E			(5) C				
62.	In a so	chool t	he rati	o of b	oys an	ıd girls	is 3	: 2 re	espec	ctively.	When	6 mor	e girls	join th	nis ra	tio be	comes	6
	: 5 . H	ow ma	ny bo	ys are	there	in the	scho	ol?										
	(1)24			(2)30	)		(3)	42		(	(4) Car	not be	deter	mined	(5) 1	None o	of thes	е
63.	If $x^2$	– 7x =	= – 12,	what i	s the v	alue o	f x?											
	(1) – 3			(2)3				3 or	<b>-</b> 4	(	(4) Car	not be	deter	mined				
	(5) No	ne of t	these															
64.	A boa	t runni	ing do	wnstre	eams o	covers	a dis	stanc	e of	10 kms	in 2 l	nours.	While	comi	ng ba	ick up	strear	ns
	the sp	eed of	the bo	oat in	still wa	iter?												
	(1) 2.5	kmph		(2) 4.5	5 kmph	1	(3)	3.5 kr	nph	(4	4) Can	not be	detern	nined				
	(5) No	ne of t	these															
65.	An art	icle w	hen so	old at	Rs. 4,	500/-,	incui	red '	10%	loss. A	t what	price	shoul	d it be	solo	l to ea	arn 10	)%
	profit?																	
	(1) Rs.	5,000	/-	(2) Rs	. 4,950	)/-	(3)	Rs. 5	,445/	'- (·	4) Rs.	5,500/-	Ī	(5) No	ne of	these		

Q.66 - 75: In each of the questions given below which one of the five answer figures on the right should come after the problem figures on the left. If the sequence were continued?

## **PROBLEM FIGURES ANSWER FIGURES** 66. 67. 2 3 68. 3 × \* 0 OS × 69. 0 × 9 ٥ 1 2 3 5 4 70. 2 3 5 5 0 0 0 \* ÷∏s \$ **□** 71. 72. 3 5 73. 2 3 4 5

																•	1			2			3			4		5	j	
75.	*	•	Z	*	<b>A</b>	Z	*	<b>A</b>	Z	×	A	S	×	•	S	×		Z	Ø	•	5	×	•	Z	×	A	5		<b>A</b>	Z
75.	*	•	z	*	•	5	2	•	s	⊠	•	s	×	•	z	*	•	Z	*	•	Z	*	•	Z	*	•	Z	*	•	Z
	*	•	z	Ø	•	z	123	•	s	×	A	5	*	<b>A</b>	s	130	4	S	*	٨	Z	*	A	5	*	<b>A</b>	Z	*	<b>A</b>	s
																•	1			2			3			4			5	

1. (5)	2. (4)	3. (2)	4. (4)	5. (1)	6. (5)	7. (1)	8. (4)
9. (3)	10. (3)	11. (5)	12. (5)	13. (4)	14. (2)	15. (5)	16. (1)
17. (4)	18. (1)	19. (3)	20. (1)	21. (3)	22. (2)	23. (3)	24. (2)
25. (2)	26. (3)	27. (5)	28. (1)	29. (4)	30. (2)	31. (2)	32. (4)
33. (5)	34. (1)	35. (1)	36. (5)	37. (3)	38. (3)	39. (3)	40. (4)
41. (4)	42. (1)	43. (5)	44. (4)	45. (3)	46. (1)	47. (5)	48. (2)
49. (5)	50. (2)	51. (5)	52. (5)	53. (1)	54. (2)	55. (4)	56. (3)
57. (3)	58. (4)	59. (4)	60. (3)	61. (1)	62. (5)	63. (2)	64. (3)
65. (4)	66. (2)	67. (3)	68. (1)	69. (5)	70. (2)	71. (4)	72. (5)
73. (2)	74. (1)	75. (2)					

Q.76 - 85: In each question given below there are four words denoted by (A), (B), (C), & (D). Two of them are either similar in meaning (Synonyms) or opposite in meaning (Antonyms). Find out the pair of Synonyms or Antonyms denoted by AB, AC, AD, etc. in each case and mark your answer accordingly.

-	76.	(A) Benevolent	(B) Malevolent	(C) Equivalent	(D) Unsympathetic	
		(1) AB	(2) AC	(3) AD	(4) BC	(5) CD
7	77.	(A) Irresponsible	(B) Ambitious	(C) Unmotivated	(D) Dependence	
		(1) AB	(2) AC	(3) AD	(4) BC	(5) CD
-	78.	(A) Reliance	(B) Offending	(C) Unreasonable	(D) Dependence	
		(1) AB	(2) AC	(3) AD	(4) BC	(5) CD
7	79.	(A) Crafty	(B) Idle	(C) Cunning	(D) Interacting	
		(1) AB	(2) AC	(3) AD	(4) BC	(5) CD
8	30.	(A) Decent	(B) Innocent	(C) Guilty	(D) Adolescent	
		(1) AB	(2) AC	(3) AD	(4) BC	(5) CD
8	31.	(A) Notorious	(B) Luminous	(C) Envious	(D) Jealous	
		(1) AB	(2) AC	(3) AD	(4) BC	(5) CD
8	32.	(1) Lively	(B) Sluggish	(C) Boredom	(D) Heavy	
		(1) AB	(2) AC	(3) AD	(4) BC	(5) CD
8	33.	(A) Envisage	(B) Expect	(C) Demand	(D) Foresee	
		(1) AB	(2) AC	(3) AD	(4) BC	(5) CD
8	34.	(A) Inspire	(B) Engrave	(C) Stimulate	(D) Respond	
		(1) AB	(2) AC	(3) AD	(4) BC	(5) CD
8	35.	(A) Docile	(B) Indisciplined	(C) Liberal	(D) Tolerant	
		(1) AB	(2) AC	(3) AD	(4) BC	(5) CD

Q.86 - 90: In the following questions the symbols @, #, \$, % and \* are used with following meaning as illustrated below:

'A @ B' means 'A is neither greater than nor equal to B' 'A # B' means 'A is neither greater than nor smaller than B' 'A \$ B' means 'A is not greater than B' 'A % B' means 'A is not smaller than B' 'A \* B' means 'A is neither smaller than nor equal to B'.

Now in each of the following questions, assuming the given statements to be true, find which of the two conclusions I & II given below them is/are definitely true?

Give answer (1) if only conclusion I is true.

Give answer (2) if only conclusion II is true.

Give answer (3) if either conclusion I or II is true.

Give answer (4) if neither conclusion I nor II is true.

Give answer (5) if both the conclusions I & II are true.

Page: 1

86. Statements: F @ G, G \$ K, K % H

Conclusions: I. G @ H

II. G % H

87. **Statements**: R \$ M, M # N, K \* N

Conclusions: I. R @ J

II. J % R

88. **Statements :** D % E, E @ M, M \$ L

Conclusions: I. L % E

II. M \* D

89. **Statements**: K \$ V, V \$ F, F \* B

Conclusions: I. K @ B

II. V\$B

90. **Statements:** J\*H, H % F, F # R

Conclusions: I. J \* R

II. H%R

#### Q.91 – 95: Study the following information carefully to answer these questions.

Seven friends M, T, K, Q, R, P & H have taken admissions in three different engineering streams Electrical, Computer and Electronics. At least two students are admitted in each stream. Each one is in a different college A, B, C, D, E, F & G. The order of students' stream and the college is not necessarily the same. K is admitted to college C in Electronics. The one who studies in college A does not study Computers. M studies in college G but not Electrical or Computers. T & P study in the same stream but not in Electrical. H studies in college F in the same stream as K. Q studies in college B. T does not study in college E.

91	W/ho	studies	in	college	'Δ'	?

(1) T

(2) P

(3) R

(4) R or T

(5) None of these

92. Three students study in which of the following streams?

(1) Electrical

(2) Electronics

(3) Electrical or Electronics

(4) Computers

(5) Computers or Electronics

93. Which of the following combinations of student and the stream is correct?

(1) R - computers

(2) Q – Electrical

(3) T - Electrical

(4) R - Electronics

(5) None of these

94. The student studying in college 'G' studies in which stream?

(1) Electrical

(2) Computers

(3) Electronics

(4) Electrical or Electronics

(5) Computers or Electrical

95. R studies in which college and stream?

(1) A - Electrical

(2) A - Electronics

(3) D - Computers

(4) E – Computers

(5) None of these

#### Q.96 – 100: Study the following information to answer the given questions.

Some committees are to be formed from amongst 7 women Professors, 5 men Professors, 4 men Readers, 2 women Readers, 11 women Lecturers and 10 men Lecturers following the given conditions in each questions. In how many different ways can it be done based on the conditions?

96. A committee of 10 in which there are 5 men and 5 women?

(1) 
$$^{39}C_{10}$$
 (2)  $^{19}C_5 \cdot ^{20}C_5$  (3)  $^{19}C_5 \cdot ^{20}P_5$  (4)  $\frac{^{19}P_s \cdot ^{20}P_s}{^{39}P_{10}}$  (5) None of these

97. A committee of 6 Professors in which at least 2 men are there.

- (1) 350 (2) 700 (3) 812 (4) 2450 (5) None of these
- 98. A committee of 25 in which all the lecturers are there. Remaining seats among Professors and Readers.
  - (1) 12650 (2) 3060 (3) 64260 (4) 6100 (5) None of these
- 99. A committee of 15 in which only Lecturers are there.
  - (1) 13650 (2) 352716 (3) 15504 (4) 54264 (5) None of these
- 100. A committee of 4 Professors in which equal number of men and women are there.
  - (1) 495 (2) 248 (3) 35 (4) 40 (5) None of these

**Q.101 – 115:** Read the following passage carefully and answer the questions given below it. Certain words/phrases have been printed in **bold** to help you locate them while answering some of the questions.

Amartya Sen wrote about the Indian tradition of skepticism and heterodoxy of opinion that led to high levels of intellectual argument. The power sector in India is a victim of this tradition at its worst. Instead of **forcefully** communicating, supporting and honestly and firmly implementing policies, people just debate them. It is argued that central undertakings produce power at lower tariffs and must therefore build most of the required extra capacities. This is a **delusion**. They no longer have access to low-cost government funds.

Uncertainty about payment remains a reason for the hesitation of private investment. They had to sell only to SEBs (state Electricity Boards), SEB balance sheets are cleaner after the "securitisation" of the Rs. 40,000 crore or so owed by SEBs to central government undertakings, now shown as debt instruments. But state governments have not implemented agreed plans to ensure repayment when due. The current annual losses of around Rs. 28,000 crore make repayment highly uncertain. The central undertakings that are their main suppliers have payment security because the government will come to their help. Private enterprises do not have such assurance and are concerned about payment security, that must be resolved.

By the late 1990s, improving the SEB finances was recognized as fundamental to power reform. **Unbundling** SEBs, working under corporate discipline and even privatization and not vertically integrated state enterprises, are necessary for efficient and financially viable electricity enterprises. Since government will not **distance** itself from managing them, privatizing is an option. The Delhi model has worked. But it receives no public support.

The Electricity Act 2003, the APRDP (Accelerated Power Reform and Development Programme) with its incentives and penalties, and the creation of creation of independent regulatory commissions, were the means to bring about reforms to improve financial **viability** of power sector. Implementation has been half-hearted and results disappointing. The concurrent nature of electricity in the Constitution **impedes** power sector improvement. States are more responsive to populist pressures than the central government, and less inclined to take drastic action against electricity thieves.

Captive power would add significantly to capacity. However, captive generation, three years after the Act enabled it, has added little to capacity because rules for open access were delayed. Redefined captive generation avoids state vetoes on purchase or sale of electricity except to state electricity enterprises. Mandating open access on state-owned wires to power regardless of ownership and customer would encourage electricity trading. The Act recognized electricity trading as a separate activity. A surcharge on transmission charges will pay for cross-subsidies. These were to be eliminated in time. Rules for open access and quantum of surcharge by each state commission (under broad principles defined by the central commission) have yet to be announced by some. The few who have announced by some. The few who have announced the surcharge have kept it so high that no trading can take place.

- The author thinks it appropriate to\_\_\_\_\_
  - (1) discuss any policy in details and make it fool proof instead of implementing it hastily.
  - (2) follow Indian tradition meticulously as skepticism is essential for major decisions.
  - (3) divert our energies from fruitlessly contracting policies to supporting its implementation wholeheartedly.
  - (4) intellectual arguments and conceptualization of every policy is definitely better than its enforcement.
  - (5) None of these
- 102. Why are the Central undertakings **not** capable of generating power at low cost?
  - (1) Due to paucity of low-cost funds
  - (2) Due to their access to Government funds
  - (3) Due to their delusion about government funds
  - (4) Because of their extra capacities
  - (5) None of these
- 103. Which of the following is the reason for apathy of private investors in power sector?
  - (1) Their hesitation
- (2) Uncertainty of their survival
- (3) Cut-throat competition
- (3) Cut-throat competition (4) Lack of guarantee of timely returns (5) None of these
- 104. What was the serious omission on the part of the State Government?
  - (1) Agreement for late recovery of dues
  - (2) Reluctance to repay to private investors as per agreed plan
  - (3) Non-implementation of recovery due to unplanned and haphazard policies
  - (4) Lack of assurance from private enterprises
  - (5) None of these

	(A)	Corpo	rate work cu	Iture				
	(b)	Privati	sation					
	(C)	Prope	rly integrated	d State enterp	orises			
	(1) Al	ll the thi	ee	(2) (A) and (	B) only	(3) (A) and (C) onl	y	
	(4) (E	3) and (	C) only	(5) None of	these			
106.	The e	example	of "Delhi Mo	odel" quoted	by the autho	underlines his fee	elings of	
	(A)	happir	ness about it	s success.				
	(B)	unhap	piness for la	ck of public s	upport.			
	(C)	disgus	st towards pr	ivatisation.				
	(1) (A	and (E	B) only	(2) (B) and (C	C) only	(3) (A) and (C) only	(4) All the three	
	(5) N	one of t	hese					
107.	Whic	h of the	following w	vas/were <b>NO</b>	T considered	I as the instrumen	t(s) to accomplish financial	well
	being	of pow	er sector?					
	(1)	The E	lectricity Act	2003				
	(2)	The A	PRDP with it	ts incentives a	and penalties	3		
	(3)	Setting	g up of indep	endent regul	atory commi	ssions		
	(4)	States	' vulnerabilit	y to populist p	oressures			
	(5)	Taking	g drastic action	on against ele	ectricity thiev	es		
108.	Why	were th	e results of t	he power sec	ctor reforms I	NOT as had been a	anticipated ?	
	(1)	The m	eans to bring	g about reform	ms were ill-co	onceived		
	(2)	The e	nforcement c	of the reform i	means was i	nadequate and apa	athetic.	
	(3)	The A	ct and the re	form measur	es were cont	radicting with each	other.	
	(4)	The in	centives on	the one hand	and penaltie	s on the other crea	ated dissatisfaction.	
	(5)	None	of these					
109.	What	serious	s drawback o	of the States i	s pointed ou	by the author of th	ne passage?	
	(1)	The in	centives and	d penalties en	forced by the	e States were disp	roportionately uncomparable	
	(2)	The e	nforcement c	of the provision	ns of the act	s was drastic and I	narsh	
	(3)	Their	vulnerability	to fall prey to	populist pres	ssures		
	(4)	Impos	ition of pena	Ities were not	t judicious ar	d incentives were	not free from partiality	
	(5)	None	of these					
Q.11	0 – 112	<b>2:</b> Choo	se the word	or group of w	ords which i	S MOST NEARLY	THE SAME in meaning as th	e
ord p	rinted	in <b>bold</b> .						
110	ISTA	NCE	(1) keep awa	av	(2) differenti	ate between	(3) long for	
			(4) have rem	-	(5) advance		(0) 10119 101	
		<b></b>			(2)		40.4.4.4.4.4	
111.	ELUS	SION		nderstanding			(3) false belief	
			(4) unkind p	ropaganda	(5) unrealist	ic optimism		

105. Which of the following is/are considered necessary for improving performance of electricity enterprises?

112.	VIABILITY	` ,	•	to reform to spend			ability to capabil				(3) p	ower to bounce
Q.113	3 <b>– 115:</b> Choo	ose th	e wor	d or gro	up of	words	s which	is <b>MO</b>	ST OP	POSI	ΓE in m	neaning of the word printed
in <b>bol</b>												
113.	FORCEFUL	LY.	(1) \	vehemer	ntly		(2) r	neekly			(3) d	ispassionately
			(4) r	neutrally			(5) u	ınlawfu	ılly			
114.	IMPEDES		(1) i	nterfere	S		(2)	grows			(3) €	excels
			(4) p	promote	S		(5) €	xagge	rates			
115.	UNBUNDLI	NG	(1)	disorgan	ising		(2) r	eorient	ing		(3) s	egregating
			(4) \	winding			(5) ii	ntegrat	ing			
Q.116	5 – 120: Stud	ly the	follo	wing in	forma	ation t	to ansv	ver the	ese qu	estio	ıs.	
Eight	executives B	, K, N	1, Q, F	R, D, E 8	k A ar	e sittir	ng arou	nd a ro	ound s	haped	table f	or a meeting. D is to the
imme	diate left of C	Q. Only	y R is	between	n K a	nd E. I	B is be	tween	E and	M. A is	s to the	left of K.
116.	Who is the i	mmed	diate r	ight of C	)?							
	(1) M		(2) ł	-		(3)	A		(4) E	3		(5) None of these
117.	Who is third	to the	` ,			( )			` ,			( )
	(1) B		(2)			(3)	Q		(4) N	Л		(5) None of these
118.		follov	` '		xecut			irst pe			the rig	tht of the second person?
	(1) KA		(2) F			(3)		·	(4) E	_		(5) None of these
119.	In which of t	he fol	lowing	g groups	of ex	xecutiv	ves, the	e first p	erson	is sittiı	ng betv	veen the other two?
	(1) RAQ		(2) E	EMQ		(3)	AKR		(4) E	BDM		(5) None of these
120.	Who is seco	nd to	the le	eft of M?								
	(1) Q		(2)	E		(3)	R		(4) A	A		(5) None of these
Q.121	– <b>125</b> : In ea	ach of	the q	uestions	give	n belo	w a gro	oup of	digits i	s give	n follow	ved by four combinations o
letters	s/symbols nu	mbere	ed (1)	, (2), (3)	and	(4). Y	ou hav	e to fir	d out	which	of the	four combinations correctly
repres	sents the gro	up of	digits	s based	on th	ne lette	er/symb	ool coc	les and	d the	conditio	ons given below. If none o
the fo	ur combination	ons re	prese	ents the	group	of dig	gits cor	ectly,	give (5	) i.e. 'l	None o	f these' as the answer.
Digit		:	3	9	6	2	8	7	5	4	1	
Letter	/symbol	:	K	Т	\$	F	Н	#	%	D	M	

Page: 6

#### Conditions for coding the group of digits:

- 1. If the first digit is odd and last digit is even, the codes for the first and the last digits are to be interchanged.
- 2. If the first as well as the last digit is even, both are to be coded by the code for last digit.
- 3. If the first as well as the last digit is odd, both are to be coded as 'X'.
- 121. 564923 (1) %\$DTFK (2) K\$DTFK (3) X\$DTFX (4) K\$DTF% (5) None of these 122. 658247 (1) \$%HFD# (2) #%HFD\$ (3) %\$HFD# (4) %#HFD\$ (5) None of these 123. 436958 (1) DK\$T%D (2) DK\$T%H (3) HK\$T%D (4) HK\$T%H (5) None of these 124. 756834 (5) None of these (1) #%\$HKD (2) D%\$HK# (3) D%\$HKD (4) #%\$HK# 125. 291378 (1) FTMK#H (2) XTMK#X (3) HTMK#F (4) FTMK#F (5) None of these

#### Q.126 - 130: In each of these questions two equations I and II are given. Based on these

#### Give answer if

- (1) x > y
- (2) x ≥ y
- (3) y > x
- $(4) y \ge x$
- (5) Either x = y

or the relationship between x & y cannot be established.

126. I. 
$$y = -5$$
 or 4.3 II.

$$x^2 = 18$$

127. l. 
$$x^2 + 5x + 6 = 0$$
 II.  $y^2$ 

$$+ 11y + 30 = 0$$

128. I. 
$$x = 64 \sqrt{\phantom{0}}$$

II. 
$$y = (-2)^3$$

129. I. 
$$15^{3.5} = x$$

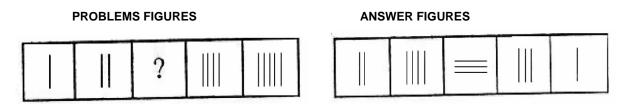
II. 
$$5^{7.5} = y$$

130. I. 
$$y - x = z$$

II. 
$$z \cdot - 1 = 0.0005$$

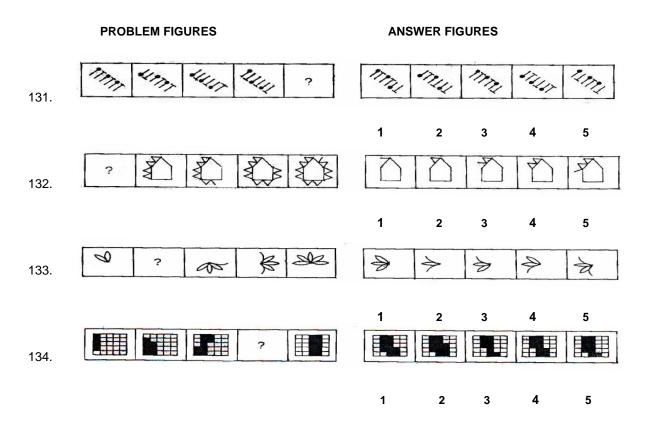
Q.131 – 140: In each of these questions there are two sets of figures. The figures on the left are Problem Figures (four figures and one question-marked space) and those on the right are Answer Figures indicated by number 1, 2, 3, 4 and 5. A series is established if one of the five Answer Figures is placed at the "question-marked space". Question Figures form a series if they change from left to right according to some rule. The number of the Answer figure which should be placed in the question-marked space is the answer. All the five figures i.e. four Problem Figures and one Answer Figure placed in the question-marked space should be considered as forming the series,

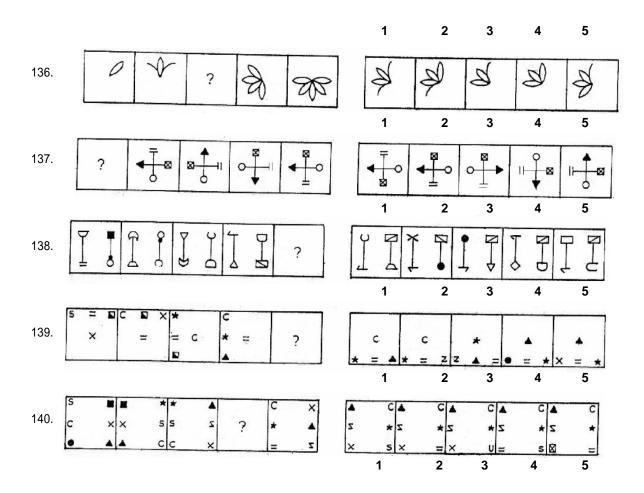
#### Study the following question.



If we place the Answer Figure 4 in the question marked space it makes a series which indicates that one vertical line is added in each figure. So the answer is '4'. Note that if we go by only one aspect of 'number of lines', Answer Figure 3 may also fit in. So you have to consider all different aspects.

#### Now solve the following questions.





Q.141 - 145: In each question below a sentence with four words printed in bold type is given. These are numbered as (1), (2), (3) and (4). One of these four words may be either wrongly spelt or Inappropriate in the context of the sentence. Find out the word which is wrongly spelt or inappropriate, if any. The number of that word is your answer. If all the four words are correctly spelt and also appropriate in the context of the sentence, mark (5) i.e. 'All Correct' as your answer.

141.	His <u>derogatory</u> rema	rk <u>humiliated</u> r	me, but I kept my <b>cool</b> and didn't allow my work.
	(1)	(2)	(3)
	to be <u>affected</u> by it.	All correct	
	(4)	(5)	

142. The suspected criminals who were accused of snatching ladies'

(1) (2) (3) necklesses were finally booked. All correct (5)

(4)

143.	The <u>objective</u> of the <u>p</u>	<u>rogramme</u> is to <u>i</u>	intertain the <u>s</u>	pectators.	All correct				
	(1)	(2)	(3)	(4)	(5)				
144.	Enforcement of laws a	ind clean and <u>eff</u>	<b>iciency</b> admir	nistration are t	he <u>fundamental</u>	ı			
			(1)		(2)				
	functions of the Government machinery known as bureaucracy. All correct								
		(3)		(4)	(5)				
145.	The <b>quantification</b> of i	ntellectual prope	erty is more <u>co</u>	mplicating th	an most pricing				
	(1)			(2)					
	because today it is relatively inexpensive to make copies of most intellectual property. All correct								
		(3) (4	4)			(5)			

**Q.146 – 150:** Below is given a passage followed by several possible inferences which can be drawn from the facts state in the passage. You have to examine each inference separately in the context of the passage and decide upon its degree of truth or falsity.

- **Mark answer (1)** if the inference is "**definitely true**" i.e. it properly follows from the statement of facts given.
- Mark answer (2) if the inference is "probably true" though not "definitely true" in the light of the facts given.
- **Mark answer (3)** if the **data are inadequate** i.e. from the facts given you cannot say whether the inference is likely to be true or false.
- **Mark answer (4)** if the inference is "**probably false**" though not "definitely false" in the light of the facts given.
- **Mark answer (5)** if the inference is "**definitely false**" i.e. it cannot possibly be drawn from the facts given or it contradicts the given facts.

Sub-Saharan Africa whose GDP grew at less than 3% a year through entire 1990s, grew at 5.1% in 2004 and at 5.2% in 2005 and is projected to grow at 5.6% in the fiscal year ending 2006. In other words, India is growing about 1.5% a year faster than Sub-Saharan Africa, If India is merely doing somewhat better than the worst performing region in the world, there is no reason to get euphoric, Why is the world economy faring so well that even the worst historical performers are suddenly looking good? Africans and the fragments of the former Soviet Union are patting themselves on the back for reforming and becoming so efficient. The world economy has hit a golden patch, and a rising global tide has lifted all boats, even the most pitiful ones. India has benefited from the rising tide like all others. But it is illusory to think that our policies and projects will always keep improving.

- 146. India's projected economic growth for the current fiscal year is around 7%.
- 147. India's economy is way above the perennially low performing countries in the world.

- 148. Indian economy may be able to sustain present rate of growth in the coming years without major changes in its economic policies.
- 149. In the past, world economy has never grown at the present rate.
- 150. Average Economic growth of breakaway Soviet Republics is about 6% at present.

76. (1)	77. (4)	78. (3)	79. (2)	80. (4)	81. (5)	82. (1)	83. (3)
84. (2)	85. (1)	86. (3)	87. (1)	88. (4)	89. (4)	90. (2)	91. (3)
92. (2)	93. (2)	94. (3)	95. (A)	96. (2)	97. (3)	98. (2)	99. (4)
100. (5)	101. (1)	102. (1)	103. (4)	104. (3)	105. (1)	106. (1)	107. (5)
108. (2)	109. (3)	110. (1)	111. (3)	112. (5)	113. (2)	114. (4)	115. (5)
116. (3)	117. (4)	118. (1)	119. (3)	120. (2)	121. (3)	122. (1)	123. (4)
124. (2)	125. (5)	126. (5)	127. (1)	128. (1)	129. (3)	130. (3)	131. (1)
132. (3)	133. (3)	134. (5)	135. (2)	136. (4)	137. (3)	138. (5)	139. (4)
140. (4)	141. (5)	142. (5)	143. (3)	144. (1)	145. (2)	146. (2)	147. (5)
148. (2)	149. (3)	150. (3)					

**Q.151 – 155:** In each question below is given a statement followed by two assumptions numbered I, II. An assumption is something supposed or taken for granted. You have to consider the statement and following assumptions and decide which of the assumption is implicit in the statement.

Give Answer (1) if only assumption I is implicit.

Give Answer (2) if only assumption II is implicit.

Give Answer (3) if only either I or II is implicit.

Give Answer (4) if only neither I nor II is implicit.

Give Answer (5) if only both I & II are implicit.

151. **Statement:** "Anybody found in use of unfair means will be debarred from all further

examinations conducted by the board" - an ultimatum to the examinees by

the examining body.

Assumptions: I. Hence forth the students may refrain from using unfair means during

examinations.

II. A good number of students are found involved in use of unfair means.

152. **Statement:** "Visit our showroom for quality products" – an advertisement by a garment factory.

Assumptions:

- I. Majority of the people are interested in buying only good quality garments.
- II. The word "quality product" may attract the customers.

153. **Statement:** "All children upto the age of 12 years should be brought to the Civic Health Care

Centres in the city once in a month for free check-up" appeal from civic Health Care

Department in the city.

**Assumptions:** 

- Public largely prefer the Health Care Centers run by civic authorities to the privately run Health Care Centers.
- II. Children upto the age of 12 years are susceptible to suffer from various diseases.

154. **Statement:** "There should be a common examination board for the entire country conducting HSC examinations" – the opinion expressed by a group of parents and students.

**Assumptions** 

- Various examination boards may have varying evaluation standards across the States.
- II. Students passing through the stricter boards may be at a disadvantage at the time of taking admission to professional colleges based on performance in HSC examinations.

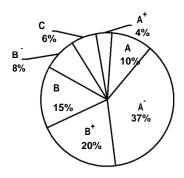
155.	Statement:	### "Basic knowledge of computer operations is essential" – a condition stipulated I an organization for recruitment of officers.						
	Assumption	Assumptions: I. Officers having knowledge of computer operations may perform to desired level.						
		II.	There may		number of applican	ts having knowledge		
156.	In a certain c	ode EXHAU	JST is writte	n as VUWBDWG, I	now is NOTWORK v	written in that code?		
	(1) MDUXMT	Q (2) M	TQYMDS	(3) MTQXMDS	(4) MDUYMTQ	(5) None of these		
157.	If '+' means '	·', '·' mear	ns'¦,'¦'me	eans '–' and '–' mea	ans '+'; what is the v	value of 165 · 11 + 5 –		
	(1) 67	(2) 82	2	(3) 72	(4) 87	(5) None of these		
158.	Four of the f	ŭ		n a certain way and	d so form a group. \	Which is the one that <b>does</b>		
	(1) 17	(2) 37		(3) 39	(4) 41	(5) 43		
Q.159	<b>385</b>	questions a	are based o 528 28	on the following nu	umbers.			
159.			•	the numbers are ir	-	e new set of numbers thus		
	(1) 385	(2) 47	2	(3) 691	(4) 528	(5) 284		
160. If '1' is subtracted from the middle digit and '1' is added to the first digit of each number, which will be the largest?						ach number, which number		
	(1) 385	(2) 47	2	(3) 691	(4) 528	(5) 284		
given		have to de	cide whethe	•		tements numbered I and II are sufficient to answer the		
Give	answer (1)	if the data ir	statement	I alone are suffici	ent to answer the q	uestion, while the data in		
		statement II alone are not sufficient to answer the question.						
Give answer (2)		if the data in <b>statement II alone are sufficient</b> to answer the question, while the data in						
				ot sufficient to answ	•			
Give				ement <b>I alone</b> or in	statement II alone	are <b>sufficient</b> to answer		
		the question	١.					

- **Give answer (4)** if the data given in **both the statements I and II together** are **not sufficient** to answer the question.
- Give answer (5) if the data in both the statements I and II together are necessary to answer the question.
- 161. What is the value of a two digit number?
  - I. The product of the digits is 0.
  - II. One of the digits is 6.
- 162. What is the value of a two digit number?
  - I. The product of the digits is 0.
  - II. The difference between the digits is 9.
- 163. What is the value of a two digit number?
  - I. The difference between the digits is 4.
  - II. The product of the digits is 0.
- 164. What is the value of a two digit number?
  - I. The difference between the digits is 9.
  - II. The sum of the two digits is 9 and one of the digits is also 9.
- 165. How much was the per cent profit on selling a product?
  - I. The total profit was Rs. 175/-
  - II. A rebate of 2.5% on the labelled price was given.
- 166. Is the given number odd?
  - I. The number is not divisible by 5.
  - II. The number is not divisible by 3, 6 or 7.
- 167. What is the per cent rate of simple interest per annum?
  - I. The amount doubles in 6 years with the interest rate.
  - II. The interest amount is Rs. 16,00/- for the first year.
- 168. What is the length of a train which crosses a pole in 20 seconds?
  - I. The train crosses a 300 metres long platform in 35 seconds.
  - II. The speed of the train is 72 km/hour.
- 169. How much is the height of a triangle ABC?
  - I. The measure of the three sides is 3, 5 and 6 cm.
  - II. One of the angles is  $90^{\circ}$ .

- 170. What is the difference between the ages of Madhu and Shweta?
  - I. The sum of their ages is 75 years and the ages are in the ratio of 3:2 or 2:3.
  - II. Madhu is 45 years old and the respective ratio of ages of Shweta and Madhu is 2:3.

#### Q.171 – 175: Answer the following questions based on the pie-chart and the associated table.

# DIFFERENT PERFORMANCE RATINGS OBTAINED BY 5000 EMPLOYEES AND THEIR RESPECTIVE RATIO OF RURAL (R), URBAN (U) POSTING



	R	U
A	3	7
Α	1	1
Α	2	3
B <sup>™</sup>	3	2
В	8	7
В	5	3
С	8	7

- 171. How many employees got a Rating A<sup>+</sup>, A and A<sup>-</sup>?
  - (1)2500
- (2)2450
- (3)2350
- (4)2505
- (5) None of these
- 172. How many employees posted in Rural have got Rating B and below?
  - (1) 750
- (2)810
- (3)640
- (4)660
- (5) None of these

- 173. What is overall Rural, Urban posting ratio respectively?
  - (1) 125: 137
- (2)1:1
- (3) 7:8
- (4) 123 : 127
- (5)8:7
- 174. Which of the following ratings have more Urban posted employees got than that of Rural?
  - (1) A<sup>+</sup> only

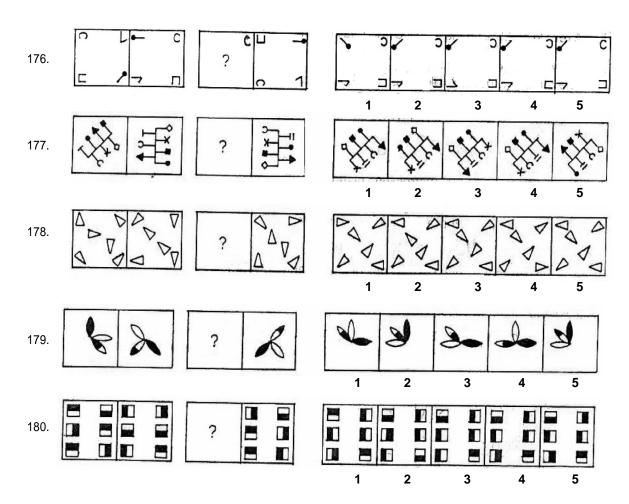
(2) A<sup>+</sup> and A<sup>-</sup> only

(3) A<sup>+</sup>, A and A<sup>-</sup>

(4) A<sup>+</sup> and A only

- (5) A only
- 175. What is the difference between Urban and Rural posted employees who have got A and higher Rating?
  - (1) 450
- (2)370
- (3)250
- (4)1150
- (5) None of these

**Q.176 – 180:** The first figure in the first unit of the problem figures bears a certain relationship to the second figure. Similarly one of the figures in the answer figures bears the **same relationship** to the second figure in the second unit of the problem figures. You are therefore to locate the figure which would fit in the question mark.



Q.181 – 185: In each question below is given a statement followed by two courses of action numbered I and II. A course of action is a step or administrative decision to be taken for improvement, follow-up or further action in regard to the problem, policy, etc. On the basis of the information given in the statement, you have to assume everything in the statement to be true, then decide which of the suggested courses of action logically follow(s) for pursuing.

Give answer (1) if only I follows.

Give answer (2) if only II follows.

Give answer (3) if either I or II follows.

Give answer (4) if neither I nor II follows

Give answer (5) if both I and II follow.

- 181. Statement: The number of students suffering from depression during examination days is increasing every year.
  - Courses of action: I. The schools and colleges should set up counseling centers within the campus to provide psychological support.
    - II. Efforts should be minimize the pressure from parents and society.
- 182. Statement: Computers have become a part of life and getting a job without computer knowledge has become very difficult.
  - Courses of action: I. Computer related subjects should be made compulsory at college level for all the disciplines.
    - II. Students should be advised to join computer-coaching classes, simultaneously while pursuing college education.
- 183. Statement: With the change in value system, money assumes topmost importance nowadays, ultimately leading to criminal activities.
  - Courses of action: I. Social service organizations should make special efforts to propagate the importance of ethical values over money.
    - II. Print and electronic media should be advised be the government to give special emphasis on the importance of ethics and value systems.
- 184. Statement: With improving financial status of the urban parents, majority of the children are pampered and find it difficult to struggle when faced with adverse situations.
  - Courses of action: I. Parents should prepare themselves to orient their children to face difficult situations in their formative years.
    - II. Parents should encourage their children to manage all their affairs on their own.
- 185. Statement: Many sportspersons today are more attracted by the glamour than by the sport they pursue.
  - Courses of action: I. Sportspersons should not be permitted to act as model / or brand ambassadors.
    - II. Sportspersons should be paid higher compensation for their achievements in the sport.

Q.186 – 190: Following are the conditions for selection of IT Officers in an

Organisation. The candidate must -

- (I) be an engineer in IT/Computers/Electronics or M.C.A. with 1st class with securing minimum 65% marks.
- (II) have an experience of working in the related area at least for two years after acquiring the desired qualification.
- (III) have passed the selection test with at least 60% marks.
- (IV) be not less than 21 years and not more than 30 years of age as on 1.2.2006.

However, if a candidate fulfills all the above criteria except —

- (i) at (II) above, but has an experience of one year and has obtained at least 70% marks at the degree examination the case may be referred to the Chairman and Managing Director of the organization.
- (ii) at (IV) above but less than 32 years of age and has minimum 5 years post-qualification experience of working in the related area, the case may be referred to the divisional Head of the organization.

In each question below, detailed information of one candidate is provided. You have to read the information provided carefully and decide which of the following courses of actions you will adopt as regarding status of the candidate based on the conditions stated above. You are not the assume anything other than the information provided in each question. All these cases are given to you as on 1.2.2006. You have to indicate your decision by marking answers to each question as follows:

Give answer (1) if the candidate is to be selected.

Give answer (2) if the candidate is not to be selected.

Give answer (3) if the data is not adequate to take the decision.

Give answer (4) if the case is to be referred to the Divisional Head.

Give answer (5) if the case is to be referred to the Chairman and Managing Director.

- 186. Sujata Bhatt, is an IT engineer passed out in 1999, with 72% marks. She is working as a Software Engineer since June 2000. Her date of birth is 23<sup>rd</sup> December 1975. She has cleared the selection test with 65% marks.
- 187. Nisha Chavan has passed out M.C.A. with 68% marks in the year 2003 and has passed selection test with 62% marks. She has been working as Clerk-cum-Cashier in a Co-operative Bank since 2003. Her date of birth is 16.7.1983.
- 188. Aditya Joshi is an Electronics Engineer passed with 72% marks in 2002, and is MBA-Finance passed in 2004 with 70% marks. He started working as a software manager in May 2004, immediately after completing MBA. He was born on 23<sup>rd</sup> October 1979. He has secured 66% marks in selection test.
- 189. Rakesh Save is a Computer Engineer passed in 2002 at the age of 21 years with 67% marks. He has been working since then as a System Analyst. He has secured 76% marks in selection test.

190. Nilesh Zaveri has passed engineering examination in 2001 with 72% marks and thereafter passed MCM in 2003. He has been working for last two years since September 2003. He has recently completed 25 years of age.

**Q.191 – 200:** In the following passage there are blanks, each of which has been numbered. These numbers are printed below the passage and against each, five words are suggested, one of which fits the blank appropriately. Find out the appropriate words without changing the meaning of the passage.

Regulatory commissions must be (191) but also be accountable to some authority. The packing of regulatory commissions with retired or retiring government employees has skewed membership to (192) men with administrative experience but (193) management skills. Nor (194) there a managerial mindset in state electricity enterprises. Governments have done nothing to correct this.

The electricity system in India is today a heavy (195) on society, on state government finances and an (196) to growth and social justice. (197) of perennial debates and reversals, the government must keep reiterating policies and aggressively (198) them. Electricity Regulatory Commissions (ERCs) along with central and state governments must (199) support and implement the Act, effectively monitor the policies, (200) stronger incentives and penalties to make State Electricity Boards (SEBs) more enterprising and professional.

191. (1) formed	(2) established	(3) independent	(4) subsidiary	(5) functioning
192. (1) older	(2) young	(3) mature	(4) sober	(5) sycophant
193. (1) adequate	(2) essential	(3) lacked	(4) no	(5) exceptional
194. (1) has	(2) is	(3) was	(4) merely	(5) only
195. (1) loss	(2) weight	(3) expenditure	(4) disadvantage	(5) burden
196. (1) obstacle	(2) incentive	(3) empowerment	(4) initiative	(5) overture
197. (1) Because	(2) in spite	(3) Instead	(4) Worried	(5) Tired
198. (1) revising	(2) implementing	(3) using	(4) devising	(5) utilizing
199. (1) reluctantly	(2) intermittently	(3) obviously	(4) aggressively	(5) sparingly
200. (1) eradicate	(2) subsidize	(3) prevent	(4) inculcate	(5) introduce

151. (5)	152. (5)	153. (2)	154. (2)	155. (1)	156. (3)	157. (4)	158. (3)
159. (2)	160. (3)	161. (5)	162. (2)	163. (5)	164. (3)	165. (4)	166. (4)
167. (3)	168. (3)	169. (1)	170. (2)	171. (4)	172. (2)	173. (4)	174. (2)
175. (1)	176. (2)	177. (1)	178. (5)	179. (3)	180. (4)	181. (5)	182. (1)
183. (5)	184. (5)	185. (2)	186. (4)	187. (2)	188. (5)	189. (1)	190. (3)
191. (3)	192. (1)	193. (4)	194. (2)	195. (5)	196. (1)	197. (3)	198. (2)
199. (4)	200. (5)						