Sl. No. :	MBA/MCA 2	
MBA/MCA EN HALL TICKET No. :	TRANCE TEST, APRIL 2011.	-
Signature of the Candidate	Signature of the Invigilator	

(Name of the Candidate)

Time :  $2\frac{1}{2}$  hours

Max. Marks: 200 Min. Marks for Pass: 70

Ste

# **INSTRUCTIONS TO CANDIDATES**

- 1. Separate Answer Sheet is supplied to you along with Question Paper Booklet to record your responses. Please read and follow the instructions for marking the responses.
- Candidate should write the Hall Ticket Number only in the space provided on this 2. page and Answer Sheet. DO NOT WRITE HALL TICKET NUMBER ANYWHERE ELSE.
- Immediately on opening this Question Paper Booklet, please verify for (i) Serial 3. number of the questions (1–200) (ii) The number of pages and (iii) Correct printing. IN CASE OF ANY DEFECT. PLEASE REPORT TO THE INVIGILATOR AND ASK FOR REPLACEMENT WITH IN FIVE MINUTES FROM THE COMMENCEMENT OF THE TEST.
- Each correct answer will be awarded one mark. 4.
- Adoption of any kind of unfair means at the time of the test or any act of 5. impersonation will result in invalidation of his/her claim for taking the test and will be subjected to prosecution under AP Public Examination (Prevention of Malpractice and Unfair Means) Rules, 1997.
- 6. Use of Calculators, Mathematical/Log tables, Pagers, any other electronic gadgets and loose sheets of paper is strictly prohibited.
- 7. Darken the appropriate circles of 1, 2, 3 or 4 on the Answer Sheet corresponding to correct answer to the concerned question number in the sheet. If you want to change the answer, erase the wrong answer completely and then darken the correct circle. DARKENING OF MORE THAN ONE CIRCLE AGAINST ANY QUESTION AUTOMATICALLY GETS INVALIDATED.
- 8. Rough work should be done only in the space provided for this purpose in **Question Paper Booklet.**
- 9. Once the candidate enters the Examination Hall, he/she shall not be permitted to leave the Hall till the END of the Examination.
- 10. Ensure that invigilator puts his/her signature in the space provided on Question Paper Booklet and the Answer Sheet. Candidate should sign in the space provided on the Answer Sheet.
- 11. The candidate should write the Question Paper Booklet number and sign in the space provided in the Nominal Rolls.
- 12.Return the Answer Sheet and Question Paper Booklet to the Invigilator before leaving the Examination Hall.

# StudentBounty.com **MBA/MCA 2011**

### **COMMON ENTRANCE TEST FOR MCA/MBA COURSE**

Time :  $2\frac{1}{2}$  hours

Maximum : 200 marks

# SECTION A ANALYTICAL ABILITY 75 Marks

Directions (Q. No. 1-20): In questions numbered 1 to 20, a question is followed by data in the form of two statements labelled as I and II. You must decide whether the data given in the statements are sufficient to answer the questions. Using the data make the appropriate choice from (1) to (4) as per the following guidelines :

- if statement I alone is sufficient to answer the (a) Mark choice (1) : question; if statement II alone is sufficient to answer the (b) Mark choice (2): question;
- (c) Mark choice (3): if both statements I and II are sufficient to answer the question, but neither statement alone is not sufficient;
- (d) Mark choice (4) : if both the statements I and II together are not sufficient to answer the questions and additional data is required.
- 1. What is the quadratic equation?
  - I. Its roots are reciprocal to each other.
  - II. The coefficient of  $X^2$  is 1

### 2. Are the triangles ABC and DEF similar?

- I. A = |B|
- |A = |D; AB = DE; AC = DF. II.
- What is  $X_7$  in  $\{X_1, X_2, ..., X_7\}$ ? 3.
  - $X_1 = 5$ I.

II. 
$$X_1 - X_{i-1} = 2, i = 2, 3, 4, \dots$$

- If f(x) is a polynomial then (x-2) a factor of  $f(2x^2-1)$ ? 4.
  - I. f(x) leaves a remainder zero when it is divided by (x-2)
  - II. f(x) leaves remainder zero when it is divided by (x-7)

- StudentBounty.com 5. What is the remainder when the positive integer *a* is divided by 2?
  - I. a is an odd integer
  - II. a is a multiple of 3

6. Is 
$$(a+b+c)\left(\frac{1}{a}+\frac{1}{b}+\frac{1}{c}\right) \ge 9$$
?  
I  $a \ge 0, b \ge 0, c \ge 0$ 

- $a^2 + b^2 + c^2 > 0$ II.
- 7. Is the quadrilateral ABCD Cyclic?

I. 
$$|ABC + |ADC = 180^{\circ}$$

- II. AC = BD
- 8. What is the value of the positive integer a? I. 21 | 1323
  - $21^a = 1323x$  and a, x are Primes. II.

9. What is 
$$A - B$$
?  
I.  $A = \{1, 2, 3, 4\}$   
II.  $B - A = \{5, 8, 9\}$ 

Are  $\frac{1}{\sqrt{b} + \sqrt{c}}$ ,  $\frac{1}{\sqrt{c} + \sqrt{a}}$ ,  $\frac{1}{\sqrt{a} + \sqrt{b}}$  in arithmetic progression? 10.

- a, b, c are in harmonic progression I.
- II. a, b, c are in geometric progression
- Let a, b be real numbers, is a > b? 11. |a| > |b|I. a > 0. II.
- 12.What is the value of the integer *a*?
  - a leaves remainder 2 when divided by 3 I.
  - II. a leaves remainder 3 when divided by 4.

If *X* is a real number, what is the value of  $x + \frac{1}{x}$ ? 13.

I. 
$$x^4 + \frac{1}{x^4} = 47$$

II. X is an irrational number.



- 14. Is  $\frac{15n^2 + 8n + 6}{n}$  a natural number? I. n/3!
  - II. *n*/10
- 15. What is the equation of the line?
  - I. Its slope is  $\frac{1}{\sqrt{3}}$
  - II. The line makes an angle 30° with the x-axis.
- 16. Is 3x + 10 a factor of  $x^3 100x^2 + 155x + a$ ?
  - I. 10 does not divide a
  - II. 10 is a composite number.
- 17. What is the g.c.d of a and b?
  - **I.** *a*, *b* are multiple of 3
  - II. a:b=2:3
- 18. What **is** the value of  $a_1 + a_2 + a_3 + a_4 + a_5$ ?
  - I.  $a_1, a_2, a_3, a_4, a_5$  are consecutive integers
  - II.  $a_5 = 100$
- 19. What is the value of  $a^3 b^3$ ?
  - I. a b = 9
  - II. a: b = 5: 2
- 20. What is the L.C.M. of a and b?
  - I. ab = 420
  - II. a and b are relatively prime.

# **PROBLEM SOLVING**

# Directions (Qs. 21 to 35) : Find the Correct Answer :

PROBLEM SOLVING         Directions (Qs. 21 to 35) : Find the Correct Answer:         21. $0, 2, 6, 12, 20, 30$ (2) $42$ (3) $44$ (4) $60$ 22. $6, 15, 35, 77,$ (1) $144$ (2) $153$ (3) $163$ (4) $154$ 23. $4, 24, 48, 72,$								Stu
PROBLEM SOLVING         Directions (Qs. 21 to 35) : Find the Correct Answer         21.       0.2       6.12, 20, 30       (2)       42       (3)       44       (4)       60         22.       6.15, 35, 77,								0
Directions (Qs. 21 to 35) : Find the Correct Answer :         21. $0, 2, 6, 12, 20, 30$ (2) $42$ (3) $44$ (4) $60$ 22. $6, 15, 35, 77, -$ (1) $144$ (2) $153$ (3) $163$ (4) $154$ 23. $4, 24, 48, 72, -$ (1) $90$ (2) $95$ (3) $85$ (4) $93$ 24. $1, 5, 9, 15, -$ (1) $21$ (2) $22$ (3) $23$ (4) $24$ 25. $11, 17, 23, 31$ (2)       Y       (3)       Z       (4)       U         26.       A, B, C, A, D, I, A, H, -       (3)       D       (4)       A         27.       A, D, F, H, I, -       (2)       K       (3)       L       (4)       M         28.       ABC, EFG, IJK, OPQ, -       (3)       POSH       (4)       SAOI         30.       B, C, E, G, K, -       (2)       M       (3)       N       (4)       O         31.       A: A:: C : -       (1)       SOAP       (2)       PSOH       (3)       N       (4)       O				PROBL	EM SOLV	VING		
21.       0, 2, 6, 12, 20, 30		Directio	ns (Q	s. 21 to 35	) : Find t	he Correc	et Answer :	
22. $6, 15, 35, 77,$ (1)       144       (2)       153       (3)       163       (4)       154         23. $4, 24, 48, 72,$ (1)       90       (2)       95       (3)       85       (4)       93         24. $1, 5, 9, 15,$	21.	0, 2, 6, 12, 20, 30 (1) 40	(2)	42	(3)	44	(4)	60
23. $4, 24, 48, 72, $ (1) 90 (2) 95 (3) 85 (4) 93 24. $1, 5, 9, 15, $ (1) 21 (2) 22 (3) 23 (4) 24 25. $11, 17, 23, 31$ (2) Y (3) Z (4) U 26. A, B, C, A, D, I, A, H, (1) B (2) C (3) D (4) A 27. A, D, F, H, I, (1) J (2) K (3) L (4) M 28. ABC, EFG, IJK, OPQ, (1) 9 (2) 7 (3) 6 (4) 8 29. B, F, L, T, D, (1) SOAP (2) PSOH (3) POSH (4) SAOI 30. B, C, E, G, K, (1) L (2) M (3) N (4) O 31. A : A :: C : (1) B (2) D (3) A (4) E 32. H : B :: A : (1) 230 (2) 235 (3) 245 (4) 240 33. $14: 210: : 15: $ (4) 20 (4) 49 35. $9: 65: : 8: $ (4) 24 <b>MBAMICA 2011</b> (6)	22.	6, 15, 35, 77, — (1) 144	(2)	153	(3)	163	(4)	154
24.       1, 5, 9, 15,	23.	4, 24, 48, 72, — (1) 90	(2)	95	(3)	85	(4)	93
25.       11, 17, 23, 31       (2) Y       (3) Z       (4) U         26.       A, B, C, A, D, I, A, H,	24.	1, 5, 9, 15, —— (1) 21	(2)	- 22	(3)	23	(4)	24
26.       A, B, C, A, D, I, A, H,	25.	11, 17, 23, 31 — (1) X	(2)	Y	(3)	Z	(4)	U
27. A, D, F, H, I,	26.	A, B, C, A, D, I, A (1) B	A, H, – (2)	С	- (3)	D	(4)	А
28. ABC, EFG, IJK, OPQ,	27.	A, D, F, H, I, — (1) J	(2)	 K	(3)	L	(4)	М
29. B, F, L, T, D,	28.	ABC, EFG, IJK, (1) 9	OPQ, - (2)	7	(3)	6	(4)	8
30. B, C, E, G, K,	29.	B, F, L, T, D, — (1) SOAP	(2)	PSOH	(3)	POSH	(4)	SAOP
31. $A: A:: C:$ (2) D       (3) A       (4) E         32. $H: B:: A:$ (1) A       (2) B       (3) C       (4) D         33. $14: 210: : 15:$ (1) 230       (2) 235       (3) 245       (4) 240         34. $5: 30: : 7:$ (1) 56       (2) 42       (3) 63       (4) 49         35. $9: 65: : 8:$ (1) 48       (2) 50       (3) 52       (4) 56	30.	B, C, E, G, K, — (1) L	(2)	 M	(3)	N	(4)	0
32. $H: B:: A:$ (2) $B$ (3) $C$ (4) $D$ 33. $14: 210:: 15:$ (2) $235$ (3) $245$ (4) $240$ 34. $5: 30:: 7:$ (1) $56$ (2) $42$ (3) $63$ (4) $49$ 35. $9: 65:: 8:$ (1) $48$ (2) $50$ (3) $52$ (4) $56$	31.	A : A :: C : (1) B	(2)	– D	(3)	А	(4)	E
33. $14: 210: : 15: $ (2) $235$ (3) $245$ (4) $240$ 34. $5: 30: : 7: $ (1) $56$ (2) $42$ (3) $63$ (4) $49$ 35. $9: 65: : 8: $ (2) $50$ (3) $52$ (4) $56$ MBA/MCA 2011       6	32.	H : B : : A : (1) A	(2)	В	(3)	С	(4)	D
34. $5:30::7:$ (1) $56$ (2) $42$ (3) $63$ (4) $49$ $35.$ $9:65::8:$ (2) $50$ (3) $52$ (4) $56$ MBA/MCA 2011       6	33.	$\begin{array}{c} 14:210::15:-\\(1)  230 \end{array}$	(2)	 235	(3)	245	(4)	240
35.  9:65::8:	34.	5:30::7:(1) 56	(2)	- 42	(3)	63	(4)	49
(1) 40 (2) 50 (3) 52 (4) 50 $MRA/MCA 9011 6$	35.	9:65::8:	(9)		(9)	59	(1)	56
	MR	(1) 40 <b>Δ/ΜCΔ 9011</b>	(2)	90	( <i>3)</i> 6	04	(4)	90

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								Shipour
		Directio	ns (Q	s. 36 to 45) :	Find	the ODD MAN	out.	12
36.	(1)	57	(2)	67	(3)	77	(4)	87
37.	(1)	25	(2)	49	(3)	64	(4)	81
38.	(1)	30	(2)	12	(3)	20	(4)	8
39.	(1)	10	(2)	28	(3)	80	(4)	244
40.	(1)	0.01	(2)	0.001	(3)	0.0001	(4)	0.000001
41.	(1)	FG	(2)	HI	(3)	KL	(4)	GQ
42.	(1)	AZ	(2)	CX	(3)	DV	(4)	FU
43.	(1)	BAT	(2)	CAT	(3)	RAT	(4)	MAT
44.	(1)	15	(2)	77	(3)	117	(4)	221
45.	(1)	289	(2)	361	(3)	529	(4)	441

**Directions (Qs. 46 – 50) :** The following Pie chart shows how the municipal funds are spent under different heads in a year. Study the chart carefully and answer the questions 46 to 50.



- 46. Which heads have the same amount of expenditure?
  - (1) Housing and Education
- (2) Health and Housing
- (3) Roads and Housing
- (4) Housing and Others



(1)  $19\frac{2}{3}$  (2)  $16\frac{1}{3}$  (3) 15 (4)  $16\frac{2}{3}$ Directions (Qs. 51 to 55) :

In the following diagram circle represents players, triangle represents doctors, rectangle represents artists :



51.	How	many doctors	are b	oth players a	ind art	ists?		
	(1)	4	(2)	3	(3)	1	(4)	8
52.	How	many artists	are pl	ayers?				
	(1)	22	(2)	30	(3)	25	(4)	28
53.	How	many doctors	are n	either player	rs nor a	artists?		
	(1)	17	(2)	22	(3)	8	(4)	30
54.	How	many artists	are ne	either player	s nor d	octors?		
	(1)	30	(2)	25	(3)	29	(4)	22
55.	How	many players	are n	either artist	s nor d	octors?		
	(1)	22	(2)	4	(3)	3	(4)	25
MBA	γMC	A 2011		8	3			

# **CODING AND DECODING**

StudentBounty.com Directions : (Qs. 56 to 65) : The following questions are based on the following pattern of coding and decoding of english alphabet. Each rth letter of the alphabet coded as (27-rth) letter of the alphabet. i.e.,  $A \rightarrow Z$ ;  $B \rightarrow Y$ ;  $C \rightarrow X$ ; ...  $Z \rightarrow A$  for decoding, an inverse process is followed i.e.,  $Z \rightarrow A$ ;  $Y \rightarrow B$ .

56.	Wha	at is the code fo	or the	word "LAPTC	)P"?			
	(1)	OKZGLK	(2)	OZGKLK	(3)	OZKGLK	(4)	KLHKZO
57.	Wha	at is the code fo	or the	word "HARD	WAR	E"?		
	(1)	SZIWDZIV			(2)	SZEWDZIV		
	(3)	SZIWDZR			(4)	SZEWDZRV		
58.	Wha	at is the code fo	or the	word "COMM	IERS	E"?		
	(1)	XLNINVXV			(2)	XLBBUVXY		
	(3)	VXIVNNLX			(4)	XLNNVIXV		
59.	Wha	at is the code fo	or the	word "SEBI"?	2			
	(1)	HVYR	(2)	HRVY	(3)	JEJK	(4)	RYHV
60.	Wha	at is the code fo	or the	word "SOFTV	WARF	2"?		
	(1)	HLUGDZIV	(2)	INTERNET	(3)	NTERIET	(4)	TERNNET
61.	Whi	ch word is cod	ed as	"XLNKFGVI"	?			
	(1)	COMPUTER			(2)	COMUPTER		
	(3)	COMPURET	1		(4)	RETUPMOC		
62.	Whi	ch word is cod	ed as	"NLFHV"?				
	(1)	MOUCE	(2)	MOUSE	(3)	ESUOM	(4)	OMSUE
63.	Whi	ch word is cod	ed as	"RMGVIMVG	"?			
	(1)	INTRANET	(2)	INTERNET	(3)	INNERNET	(4)	INTENDER
64.	Whi	ch word is cod	ed as	"NZIPVG"?				
	(1)	MARKET	(2)	SOCKET	(3)	ROCKET	(4)	TARGET
65.	Wha	at is the code fo	or the	word "KEYB	OARE	)"?		
	(1)	WIZYLPVB	(2)	WIZLYBVP	(3)	PVBYLZIW	(4)	PBVYLZZW

9

# DATE, TIME AND ARRANGEMENT

DATE, TIME AND ARRANGEMENT         61. If the last day of march is wednesday, the day on which start is <ul> <li>(1) Monday</li> <li>(2) Tuesday</li> <li>(3) Thursday</li> <li>(4) Friday</li> </ul> <li>67. A and B are children of C. B is the mother of D. And E is the grandmother of D. What is the relation of E to C.?         <ul> <li>(1) Husband</li> <li>(2) Sister</li> <li>(3) Wife</li> <li>(4) Brother</li> </ul> </li> <li>68. A, B, C, D, E, F are seated in a circle facing the centre. D is between F and B A is second to the left of D and second to the right of E. Who is facing 'A??             <ul> <li>(1) D</li> <li>(2) For B</li> <li>(3) C or D</li> <li>(4) E</li> </ul> </li> <li>69. If <math>a*b = a^3 + b^3 - 3ab = ((-1)*1)*1=?             <ul> <li>(1) 12</li> <li>(2) 10°</li> <li>(3) 13</li> <li>(4) 20°</li> </ul> </math></li> <li>70. What is the angle covered by the minute hand when second hand covers 300°?             <ul> <li>(1) 5°</li> <li>(2) 10°</li> <li>(3) 15°</li> <li>(4) 20°</li> </ul> </li> <li>71. Six subjects Mathematics, Physics, English, Hindi, Science and Social are socheduled in different periods from I through H in a class not necessarily in the some order. The subjects were scheduled in the order of the alphabet as given in the dictionary. Which subject will be taught in period IV?             <ul> <li>(1) Physics</li> <li>(2) Mathematics</li> <li>(3) 5</li> <li>(4) Social</li> </ul> </li> <li>72. {\$</li>									SE
DATE, TIME AND ARRANGEMENT         66.       If the last day of march is wednesday, the day on which start is       (1)       Monday       (2)       Tuesday       (3)       Thursday       (4)       Friday         67.       A and B are children of C. B is the mother of D. And E is the grandmother of D. What is the relation of E to C.?       (1)       Husband       (2)       Sister       (3)       Wife       (4)       Brother         68.       A, B, C, D, E, F are seated in a circle facing the centre. D is between F and E A is second to the left of D and second to the right of E. Who is facing 'A?'       (1)       D       (2)       F or B       (3)       C or D       (4)       E         69.       If $a*b = a^3 + b^3 - 3ab = ((-1)*1)*1=?$ (1)       12       (2)       19       (3)       13       (4)       1         70.       What is the angle covered by the minute hand when second hand covers 300°?       (1)       5°       (2)       10°       (3)       15°       (4)       20°         71.       Six subjects Mathematics, Physics, English, Hindi, Science and Social ar scheduled in different periods from I through II in a class not necessarily in th some order. The subject will be taught in period IV?       (1)       Physics       (2) $(-2, -1)^2$ (3) $(1, 2, -2)^2$ (4) $(-2, -1, 1, 2)^2$ (4) <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>thene.</th>									thene.
DATE, TIME AND ARKANGEMENT66. If the last day of march is wednesday, the day on which start is(1) Monday(2) Tuesday(3) Thursday(4) Friday67. A and B are children of C. B is the mother of D. And E is th grandmother of D. What is the relation of E to C.?(1) Husband(2) Sister(3) Wife(4) Brother68. A, B, C, D, E, F are seated in a circle facing the centre. D is between F and E A is second to the left of D and second to the right of E. Who is facing 'A?(1) D(2) F or B(3) C or D(4) E69. If $a*b = a^3 + b^3 - 3ab = ((-1)*1)*1=?$ (1) 12(1) 12(2) 19(3) 13(4) 170. What is the angle covered by the minute hand when second hand covers 300°? (1) 5°(1) $5^{\circ}$ (2) 10°(3) $15^{\circ}$ (4) 20°71. Six subjects Mathematics, Physics, English, Hindi, Science and Social ar scheduled in different periods from I through II in a class not necessarily in th some order. The subject were scheduled in the order of the alphabet as given in the dictionary. Which subject will be taught in period IV? (1) Physics(2) Mathematics (3) Science(4) Social72. $\left\{X \in R: X^2 - 31   X   + 2 = 0\right\} = ?$ (1) $\{1, 2\}$ (2) $4$ (3) $5$ (4) $\{-2, -1, 1, 2\}$ 73. What is the least positive integer $n$ such that $8^2 + n^2 + 6^2$ is a perfect cube? (1) $2$ (2) $4$ (3) $5$ (4) $6$ 74. If $N$ is the set of positive integers, then $\{n \in N     n - 2  < 3\} =$ (1) $\{1, 2, 3, 4, 5\}$ (2) $\{1, 2, 3, 4\}$ (3) $\{2, 3, 4, 5\}$ (4) $\{2, 3\}$ 75. Twenty years back, the ratio of the ages of a fa			-			4.5.5			
66. If the last day of march is wednesday, the day on which start is (1) Monday (2) Tuesday (3) Thursday (4) Friday 67. A and B are children of C. B is the mother of D. And E is the grandmother of D. What is the relation of E to C.? (1) Husband (2) Sister (3) Wife (4) Brother 68. A, B, C, D, E, F are seated in a circle facing the centre. D is between F and B A is second to the left of D and second to the right of E. Who is facing 'A'? (1) D (2) F or B (3) C or D (4) E 69. If $a * b = a^3 + b^3 - 3ab = ((-1)*1)*1=?$ (1) 12 (2) 19 (3) 13 (4) 1 70. What is the angle covered by the minute hand when second hand covers 300°? (1) $5^{\circ}$ (2) $10^{\circ}$ (3) $15^{\circ}$ (4) $20^{\circ}$ 71. Six subjects Mathematics, Physics, English, Hindi, Science and Social arr scheduled in different periods from 1 through II in a class not necessarily in the some order. The subjects were scheduled in the order of the alphabet as given in the dictionary. Which subject will be taught in period IV? (1) Physics (2) Mathematics (3) Science (4) Social 72. $\left\{X \in R: X^2 - 31   X   + 2 = 0\right\} = ?$ (1) $\{1, 2\}$ (2) $\{-2, -1\}$ (3) $\{1, 2, -2\}$ (4) $\{-2, -1, 1, 2\}$ 73. What is the least positive integer <i>n</i> such that $8^2 + n^2 + 6^2$ is a perfect cube? (1) $2$ (2) $4$ (3) $5$ (4) $6$ 74. If <i>N</i> is the set of positive integers, then $\{n \in N     n - 2   < 3\} =$ (1) $\{1, 2, 3, 4, 5\}$ (2) $\{1, 2, 3, 4\}$ (3) $\{2, 3, 4, 5\}$ (4) $\{2, 3\}$ 75. Twenty years back, the ratio of the ages of a father and his son was 11 : 3. If the ratio of their present ages is 2 : 1, then the age of the son is (1) 30 (2) $35$ (3) $34$ (4) $32$			1	JATE	, TIME AND	ARR	ANGEMEN	Ľ	
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<ul> <li>(1) {1,2, 3,4, 5}</li> <li>(2) {1,2, 3, 4}</li> <li>(3) {2, 3,4, 5}</li> <li>(4) {2,3}</li> <li>75. Twenty years back, the ratio of the ages of a father and his son was 11 : 3. If the ratio of their present ages is 2 : 1, then the age of the son is</li> <li>(1) 30</li> <li>(2) 35</li> <li>(3) 34</li> <li>(4) 32</li> </ul>	74.	If N	is the set of	positi	ve integers, tl	hen $\{n \in \mathbb{N}\}$	$N \mid  n-2  < 3$	3 }=	
<ul> <li>75. Twenty years back, the ratio of the ages of a father and his son was 11 : 3. If the ratio of their present ages is 2 : 1, then the age of the son is</li> <li>(1) 30</li> <li>(2) 35</li> <li>(3) 34</li> <li>(4) 32</li> </ul>		(1)	$\{1, 2, 3, 4, 5\}$	(2)	$\{1, 2, 3, 4\}$	(3)	$\{2, 3, 4, 5\}$	(4)	$\{2,3\}$
(1) $30$ (2) $35$ (3) $34$ (4) $32$	75.	Twe the r	nty years bac ratio of their j	ek, the preser	e ratio of the nt ages is 2 : 1	ages o , then	f a father an the age of th	d his son e son is	was 11 : 3. ]
		(1)	30	(2)	35	(3)	34	(4)	32

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### **SECTION B**

# MATHEMATICAL ABILITY

### 75 Marks

- 76. A candidate secured 60% of the votes and is elected by a majority of 124 votes. The total number of votes polled is.
  - (1) 542 (2) 620 (3) 435 (4) 713
- 77. The salary of a person was first increased by 10% and later the same was reduced by 10%. Then the net change in his salary is

(1)	1% decrease	(2)	1% increase
(3)	Nil	(4)	11% increase

- 78. If the cost price of 20 tables is equal to the selling price of 25 tables, the loss percentage is
  - (1) 5% (2) 10% (3) 15% (4) 20%
- 79. A merchant gets Rs.500 if he sell either item A at 15% profit and item B at 10% profit. The cost of item A is (in Rupees)
  - (1) 100 (2) 150 (3) 200 (4) 300
- 80. In a joint venture three persons A, B, C inverse respectively 1/4 of the capital, 1/5 of the capital and rest. Then the share of B in the total profit of Rs. 6,00,000 in rupees is
  - (1) 1,50,000 (2) 3,30,000 (3) 1,20,000 (4) 1,00,000
- 81. A, B, C invested a total sum of Rs. 1,00,00,000 in a business. A invests Rs. 30 lacs more than C and B invests Rs. 10 lacs more than C. Then the share of B out of a total profit of Rs. 20 lacs (in lacs of rupees) is
  - $(1) \quad 4 \qquad (2) \quad 5 \qquad (3) \quad 6 \qquad (4) \quad 10$
- 82. The least number to be multiplied by 17640, so that the resulting number is a perfect square
  - (1) 10 (2) 6 (3) 21 (4) 15

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83.	For The	integers <i>a</i> an n (5*3)*4 =	d <i>b</i> ,1	et $a * b$ denot	the the	remainder who	en ab is	divided by 12.
	(1)	3	(2)	0	(3)	1	(4)	5
84.	The thre	sum of three ee numbers	e cons	ecutive multi	ples o	f 3 is 72. Fin	d the la	rgest of these
	(1)	21	(2)	24	(3)	27	(4)	30
85.	The of 2	least number in each case is	whicl s	n when divide	ed by 4	, 6, 8, 12 and	16 leave	s a remainder
	(1)	46	(2)	48	(3)	50	(4)	56
86.	The	L.C.M. of nur	nbers	54, 90 and X	is 189	0 and their G.	C.D. is 1	8. Then <i>X</i> is
	(1)	126	(2)	144	(3)	224	(4)	156
87.	If m	and $n$ are na	atural	numbers suc	h that	$m^n = 121$ the	n ( <i>m</i> – 1	$)^{n+1} =$
	(1)	1100	(2)	1000	(3)	999	(4)	1001
88.	If th thar	ne sum of the s n 100, then the	first n e poss	natural num ible values of	lbers i n are	s a perfect squ	ıare a <sup>2</sup> w	vhere a is less
	(1)	1, 8, 49	(2)	1, 8, 48	(3)	1, 7, 26	(4)	1, 9, 27
89.	The digit	number of 4 o ts 0, 1, 2, 3 is	digit r	umbers great	ter tha	an 1000 that c	an be for	med with the
	(1)	18	(2)	19	(3)	24	(4)	23
90.	The is	g.c.d. of the n	umbe	rs m and n w	here n	n = 2 <sup>5</sup> .3 <sup>2</sup> .7 <sup>6</sup> .11 <sup>4</sup>	and n = :	$2^3.3^4.5^6.11.13^3$
	(1)	972	(2)	279	(3)	297	(4)	792
MB	A/M	CA 2011		1	2			

								Se	
								14	
								(Tto	
								CUL	
91.	Two pipe	pipes A and s together car	B car n fill i	n fill a tan t in (hours)	k is 5 ho	urs and 20	hours resp	ectively. Both	0
	(1)	4	(2)	6	(3)	10	(4)	12	3
92.	Pipe in 7	e A can fill an hours. If both	empt n are c	y tank in 6 pened in t	5 hours, v he empty	while pipe H tank it wil	3 can empty l be filled in	y the full tank n (in hours).	
	(1)	13	(2)	21	(3)	28	(4)	42	
93.	A an joins for (	nd B can do s them, the w C alone to do t	a wor ork ca the wo	k individu in be comp ork is	ally in 12 leted in 4	2 and 8 day 4 days. The	ys respectiv number of	vely. If C also days required	
	(1)	20	(2)	22	(3)	24	(4)	25	
94.	A su days both (1)	am of money s. The number A and B are 12	1s suff r of da (2)	us for which 15	ay A's wa ch the mo (3)	ages for 21 oney is suff 11	days or B's icient to pa (4)	s wages for 28 y the wages of 14	
95.	A is hour	twice as fast r will be cover	as B a red by	nd B is th A in ——	rice as fa	st as C. Dis ninutes	tance cover	ed by C in one	
	(1)	10	(2)	5	(3)	$\frac{1}{6}$	(4)	30	
96.	One ratio	train is trave of their spee	elling eds is	at 90 kmpl	n and the	other at 1	5 m per sec	cond. Then the	
	(1)	2:5	(2)	3:2	(3)	4:3	(4)	5:3	
97.	The	area of a traj	peziur	n is $\frac{1}{2}(a^2 -$	$\left( b^{2} ight) \mathrm{sq.}$ .	units. Wher	e $a$ and $b$ a	re the lengths	
	of tł	ne parallel sid	les. Th	en the dist	ance bet	ween the pa	arallel side	s (in units).	
	(1)	5	(2)	2a	(3)	a + b	(4)	a-b	
98.	The of si	ratio of the a de <i>a</i> is	rea of	'a square o	of side $a$	to the area	of an equila	ateral triangle	
	(1)	$4:\sqrt{3}$	(2)	$2:\sqrt{3}$	(3)	$\sqrt{3}$ : 2	(4)	$\sqrt{3}:4$	
					13		MB	A/MCA 2011	

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									(BOL)
99.	The	two sides form	ning t	he right angle	e of a t	triang	gle whose a	rea is	24 sq. cm, are
	in th	e ratio 3 : 4. '	Гhen t	the length of t	he hy	poten	use (in cm)	is	·011
	(1)	12	(2)	10	(3)	8		(4)	5
100.	The	point of concu	urrenc	e of the media	ins of	a tria	ngle is		1
	(1)	In centre			(2)	Ort	ho Centre		
	(3)	Centroid			(4)	Circ	cum Centre		
101.	Find	$\frac{dy}{dx}$ , if $Y = 3x$	$x^2-5x$	x + 3 = 0					
	(1)	6x - 5	(2)	4x - 3	(3)	2x -	- 4	(4)	7x - 3
102.	For	the individu	al ser	ies complete	the r	nedia	n 13, 15, 1	20, 22	2, 30, 35, 38,
	40, 4	12, 53	( <b>9</b> )	<u>-</u> 00 ₽	$(\mathbf{n})$	90 E		(A)	99 <b>F</b>
	(1)	20	(2)	32.3	(3)	36.8	)	(4)	33.9
103.	Mod	e =							
	(1)	2 median – 3	3 mear	1	(2)	3 m	edian – 2 m	iean	
	(3)	Median – m	ean		(4)	Non	le		
104.	Calc	ulate the ran	ge for	the following	indivi	dual	series 7, 12	, 18, 2	20, 27, 35, 38
	(1)	32	(2)	33	(3)	31		(4)	None
105.	Calc	ulate the o	nuarti	le deviation	for	the	following	indi	vidual series
	5, 10	), 16, 18, 25, 3	33, 36				8		
	(1)	10.5	(2)	11.5	(3)	11		(4)	None
MB	A/M(	CA 2011		<b>1</b> 4	1				

StudentBounty.com 106. Calculate the mean deviation for the following individual series 7, 12, 18, 20, 27, 35, 38

(1)10(2)9.705(3)11(4)

- 107. Two unbiased coins are tossed. What is the probability of getting at most one head?
  - $\frac{1}{4}$ (2)  $\frac{2}{3}$  (3)  $\frac{3}{4}$ (1) (4) None
- 108. In a simultaneous throw of a pair of dice, find the probability of getting a total more than 7

 $\frac{5}{7}$ (2)  $\frac{5}{12}$  (3)  $\frac{7}{12}$  (4)  $\frac{11}{12}$ (1)

- 109. A bag contains 6 white and 4 black balls. Two balls are drawn at random. Find the probability that they are of the same colour.
  - (1)  $\frac{8}{15}$  (2)  $\frac{7}{15}$  (3)  $\frac{10}{15}$  $\frac{11}{15}$ (4)

110. An unbiased die is tossed. Find the probability of getting a multiple of 3.

 $\frac{2}{3}$ (2)  $\frac{1}{3}$  (3)  $\frac{1}{4}$ (4)  $\frac{1}{2}$ (1)

111. Two unbiased coins are tossed is the probability of getting atleast one head?

(2)  $\frac{1}{4}$  (3)  $\frac{1}{2}$ (4)  $\frac{2}{3}$ (1)

112. What is the values of the statement "3 < 4 and 4 > 7"?

- (1)Т (2)F
- Neither T nor F (3)Cannot be determined (4)
- 113. Which of the following is a tautology?
  - (2)(3)  $p \land q \Rightarrow q$  $p \Rightarrow \Box p$ (1) $p \Rightarrow q$  $p \Rightarrow p \land q$ (4)

114. Which of the following represents the graph of y = |x|?





- 116. If  $\alpha$  and  $\beta$  are the roots of the equation  $x^2 2x 1 = 0$  then find  $\alpha \beta + (\alpha \beta)^2 + (\alpha \beta)^3 + ... + (\alpha \beta)^n$ (1) -1(2) 1 (3) $\mathbf{2}$ (4) 0
- 117. If  $(3 + \sqrt{5})$  is a root of the quadratic equation  $x^2 6x + k = 0$ , what is the value of k? 8 (1)  $\mathbf{2}$ (2)3 (3)4 (4)
- 118. The nth term of a series in an arithmetic progression is (6n 1) what is the sum of first ten terms of the series? 320 (2)(3)360 (4) 380 (1)240
- 119. The tenth term of an A.P. whose common difference and the first term are the lesser and  $_{\mathrm{the}}$ greater  $\operatorname{roots}$ of the quardatic equation  $3x^2 - 8x + 4 = 0$  respectively is
  - $\frac{56}{3}$ (3)  $\frac{52}{3}$ 8 (2)(1)(4) 6
- 120. The sum of two numbers is 18. The product of the numbers is 56. Find the larger of the two numbers. (3)8 (1) 5 (2)6 (4) 14

								Se
								. Edge
								17th
								Ellar.
121.	Ram Ram	u has a total u is Rs.6, find	of 15 ( l the r	coins of 50 pai number of 50 p	ise an baise d	d 20 paise. If the coins he has?	e total	amount with
	(1)	1	(2)	5	(3)	10	(4)	6
122.	If A	$B: B: 4$ , then $\frac{2}{4}$	$\frac{A}{B}:\frac{B}{C}$	$\frac{C}{A}$ is equal to	)			
	(1)	4:9:16	(2)	8:9:12	(3)	8:9:16	(4)	8:9:24
123.	If 40	% of a numbe	er is e	qual to $\frac{2}{3}$ of a	anothe	er number, what	is the	e ratio of first
	num	ber to the seco	ond n	umber?				
	(1)	2:5	(2)	3:7	(3)	5:3	(4)	7:3
104			1		6 1			
124.	If 72	20 is 20% of a i	numb	er, then 120%	of the $(2)$	at number will be	e (1)	190
	(1)	720	(2)	4320	(3)	3600	(4)	120
125.	The	fourth proport	tional	to 5, 8, 15 is				
	(1)	18	(2)	24	(3)	19	(4)	20
126.	Due	to an increas	se of a	30% in the pr	rice of	eggs, 3 eggs les	ss are	available for
	Rs.7	.80. The prese $\mathbf{P}_{\alpha} \approx c_{4}$	ent rat	$\mathbf{D}_{\alpha} \circ \mathbf{O}$	dozen	18 Pc 0.20	(A)	<b>D</b> <sub>2</sub> 10.40
	(1)	ns. 0.04	(2)	ns. 0.00	(3)	ns. 9.30	(4)	KS. 10.40
127.	A sh	opkeeper sold	an ai	rticle offering	a disc	count of 15% ear	ned a	profit of 30%.
	Wha	t would have	e beer	the percent	age o	f profit earned	if no	discount was
	offer	red?		120/				
	(1)	33%	(2)	42%	(3)	52.94%	(4)	53.85%
128.	A Pr	oduct when so	old wi	th 20% rebate	e on th	ne listed price ga	vean	rofit of Rs.70.
1201	Wha	t was its cost	price?	)		ie instea price ga	re a p	
	(1)	700			(2)	600		
	(3)	500			(4)	Can't be determ	nined	

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StudentBounty.com 129. P, Q and R enter into a partnership. They invest Rs. 80,000, Rs.1,60,000 and respectively. At the end of the first year, Rs.1,60,000. In what ratio the profit will be shared at the end of 3 years?

(2)3:4:7(1)4:3:7(3)7:3:42:3:7(4)

130. X, Y and Z started a business by investing Rs. 2,40,000, Rs. 2,70,000 and 3,00,000 respectively. Find the share of 'y' out of an annual profit of Rs. 1,13,400?

(1)Rs. 33,600 (2)Rs. 37,800 (3)Rs. 42,000 (4)None

131. A man, woman and a boy can complete a work in 3,4 and 12 days respectively. How many boys must assist 1 man and 1 woman to complete the job in 1/4 of a day?

(1)1 (2)4 (3)19(4)41

- 132. 10 women can complete a work in 7 days and 10 children take 14 days to complete the work. How many days will 5 women and 10 children take to complete the work?
  - 3 (2) $\mathbf{5}$ (1)(3)7Cannot determine (4)
- 133. Two pipes can fill a tank in 20 and 24 minutes respectively, and a waste pipe can empty 3 gallons per minute. All the three pipes working together can fill the tank in 15 minutes. The capacity of the tank is
  - 60 gallons 100 gallons 120 gallons 180 gallons (1)(2)(3) (4)
- 134. A is twice as fast as B. and B is twice as fast as the journey covered by C in 54 min. will be covered by B in
  - (1)18 min. (2)27 min. 38 min (3)9 min. (4)
- 135. Bombay express left Delhi for Bombay at 14.30 hrs, travelling at a speed of 60 kmph and Rajadhani Express left Delhi for Bombay on the same day at 16: 30 hrs, travelling at a speed of 80 kmph. How far away from Delhi will the two trains meet?
  - (1)120 km (2)480 km (3)500 km (4) 360 km

								Se	
								1 de	
								180	
136.	Two plat The	trains run form in 27 se ratio of their	ning in c and speed	n opposite 17 sec respe s in	directio ectively	ons cross a and they cro	man sta oss each of	nding on the ther in 23 sec.	Inty-com
	(1)	1:3	, i e e e		(2)	3:2			
	(3)	3:4			(4)	None of th	ese		
137	Whe	at will be the	area o	f the semi-c	ircle of 1	1 m diamet	or?		
107.	(1)	$22 \text{ m}^2$	(2)	$77 \text{ m}^2$	(3)	$154 \text{ m}^2$	(4)	$308 \text{ m}^2$	
100	TT I	0		e · · ·	0	1. 10	C 1	1 4	
138.	The leng	area of a s th 7 cm is	sector	of a circle	e of rac	lius 10 cm	, formed	by an arc of	
	(1)	$33 \mathrm{~cm}^2$	(2)	$34 \mathrm{~cm}^2$	(3)	$36 \text{ cm}^2$	(4)	$35~{ m cm}^2$	
139.	A w radi	heel makes i us of the whe	1000 r el?	evolutions i	n cover	ing a distar	nce of 176	km. Find the	
	(1)	29 m	(2)	14 m	(3)	28 m	(4)	56 m	
140.	The char	length of a ronge is area?	ectang	le is halved	, while i	its breadth i	s tripled.	What is the %	
	(1)	25%	(2)	75%	(3)	35%	(4)	50%	
141.	A so The	lid piece of in n the radius of	ron of of the s	dimensions sphere is	$49 \times 33$	$3 \times 24$ cm is	moulded i	s to a sphere.	
	(1)	$35~\mathrm{cm}$	(2)	21 cm	(3)	28 cm	(4)	None	
142.	The 7 cm	volume of the	e large	est right circ	cular con	ne that can l	be cut out	of a cube edge	
	(1)	89.8 cm <sup>3</sup>	(2)	$13.6 \text{ cm}^3$	(3)	98.7~%	(4)	67.9%	
143.	A so form	olid metallic cones, each	cylind of heig	er of base r ht 1 cm and	adius 6 l base ra	cm and he adius 1 mm.	ight 10 cn The no. of	n is melted to cones is	
	(1)	1,80,000	(2)	50,400	(3)	75,000	(4)	1,09,000	
144.	A ta	ilor has 37.5	meter	s of cloth ar	nd has t	o make 12 p this cloth	vieces cut o	of a meter of a	
	(1)	850	(2)	300	(3)	450	(4)	400	
					19		MB	A/MCA 2011	



- 146. The L.C.M. of two numbers is 48, the numbers are in the ratio 2 : 3 then the sum of the numbers is
  - (1) 28 (2) 32 (3) 40 (4) 64

147. H.C.F. and L.C.M. of two numbers are 84 and 21 and ratio of the two numbers is 1:4 then the larger of the two numbers is

(1) 12 (2) 48 (3) 184 (4) 84

148. A number was divided successively in order by 4,5,6. The reminders were 2,3, and 4, then the number is

- (1) 214 (2) 472 (3) 954 (4) 1908
- 149. The smallest number that must be added to 803642 in order to obtain a multiple of 11 is
  - (1) 5 (2) 11 (3) 6 (4) 9

150.  $397 \times 397 + 104 \times 104 + 2 \times 104 \times 397 = ?$ 

(1) 250001 (2) 251001 (3) 260101 (4) 261001

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### SECTION C

# **COMMUNICATION ABILITY**

### 50 Marks

### PART I

# Directions (Qs. 151 to 155) : Read the passage carefully and then answer the questions :

Today perhaps your only association with the word 'polio' is the Sabin Oral Vaccine that protects children from the disease. Fifty-five years ago, this was not so. The dreaded disease, which mainly affects the brain and the spinal cord, causes stiffening and weakening of the muscles, crippling and paralysis which is why I am in a wheelchair today. If somebody had predicted, when I was born, that this would happen to me, no one would have believed it. I was the seventh child in a family of four pairs of brothers and sisters, with a huge 23-year gap between the first and the last. I was told that, unlike the others. I was so fair and brown-haired that I looked more like a foreigner than a Dawood Bohri. I was also considered to be the healthiest of the brood.

### 151. In this passage, the narration is a patient of?

(1)	Heart disease	(2)	Polio	
$\langle \mathbf{O} \rangle$	D 1 1	( 1)		1

(3)Paralysis (4) Nervous weakness

### 152. The narrator was the seventh child in a family of?

(1) 8 children	(2)	16 children
----------------	-----	-------------

(3)23 children (4) 4 children

### 153. In his childhood, the narrator was

- a weakling (2)very healthy (1)tall and slim short and stout
- (3)(4)

# 154. In his childhood, the narrator looked "more like a foreigner than a Dawood Bohri". This was because he was

(1)	a foreign child	(2)	a very healthy boy
	0		

fair and brown-haired (3)tall and smart (4)

### 155. In this passage, the word 'brood' refers to

- Polio victims Foreign children (1)(2)
- (3)children in the family (4) Indian children

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### Read the passage carefully and then answer questions (Qs. 156 to 160):

StudentBounty.com Soft-bodied animals like caterpillars often fall a prey to voracious hunters like birds or reptiles. Despite having no means to 'actively' defend themselves, with weapons like claws or jaws, they have nevertheless, evolved other equally effective deterrents. A particular species of the caterpillar lives at an altitude of over 2,500 metres in the Himalayas. It uses prominent colours to inform would be predators of its inedibility. In the event that an inexperienced or adventurous bird did eat the caterpillar, it would probably vomit it out soon after, and subsequently desist from attacking similar species in the future. Though this would do the unfortunate victim no good, the species benefits. A rare example of the martyr among animals.

156. Caterpillars cannot defend themselves because they

- (1)are passive animals (2)are lazy
- (3)cannot acquire weapons have no claws or jaws (4)

### 157. The Himalayan caterpillar uses prominent colours to

- (1)warn the predator (2)attack the predator
- (3)reveal itself defend itself (4)

158. The expression "others equally effective deterrents" means

- (1)preventive weapons which have equal effect of other
- (2)mechanism which scares everyone equally well
- (3)preventive equipment which is as effective as something that has been already mentioned in the passage
- weapons like claws or jaws (4)

159. Experienced birds do not attack the Himalayan caterpillars because they are

- (1)repulsive (2)very aggressive
- inedible (3)(4) diseased

160. In the context of this passage, a martyr is one who dies

- (1)without putting up resistance (2)without any gain to oneself
- while defending one's homeland (4) (3)to save others

### **MBA/MCA 2011**

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# Read the following passage carefully and answer questions (Qs. 161 to 165):

StudentBounty.com The overwhelming vote given by the greater part of the public has so far been in favour of entertainment which passes the time easily, and satisfies that part of our imagination which depends on the more obvious kind of daydreams. You can argue that these daydreams are usually substitutes for our own inactivity, ineffectualness, and lack of power of influence, so that we make up for what we secretly regard as our deficiencies by watching the stimulating adventures of other people who are larger, stronger, more effective, or more beautiful than we are. The conventional starts act our daydreams for us in a constant succession of existing situations set in the open spaces of the American West, or in the jungles we will never visit (we would not dare to, most of us, if we could), or in the underworld of great cities where crime and violence may not pay in the end, but are very exciting to watch if your youth is being spent in the day-to-day routine of school or office, on the one hand, or in the kitchen and living-room of 39 Blank St, on the other.

Whether we admit it to ourselves or not, most of us very conscious of deficiencies in our looks, our clothes, and the circumstances of our homes. But on the screen we can feast our eyes on people selected to appear because of their good looks, dressed in expensive and sometimes extravagantly showy clothes, and moving about most of the time in the plushy environment of wealth! What you cannot have yourself, at least you can continuously look at surrounding other people, and, who knows, one day you may have these things too, like the stars who have comeup from nowhere but now earn large fortunes!

- 161. Why do we enjoy films in which there are larger-than-life characters?
  - (1)We don't like films to be true to life
  - (2)We like the big screen
  - (3)Art is not for art's sake
  - (4) They enable us to compensate ourselves for our shortcomings.
- 162. Why do we enjoy films based on crime an violence?
  - (1)Human beings admire criminals
  - (2)They provide for us some relief from the boredom of routine life
  - (3)Crime and violence have become part of our life
  - All human beings are sadists. (4)
- 163. What aspect of human psychology does the author refer to in the second paragraph?
  - (1)Human beings enjoy the very sight of qualities and luxuries they are deprived of
  - (2)Human psychology is very complex
  - (3)Human beings love being poor
  - (4) Human beings admire themselves.



# 164. What does the word plyshy means?

- (1) extremely soft
- (2) extremely happy
- (3) extremely comfortable and expensive
- (4) extremely delicate

165. What kind of entertainment do people like most?

- (1) That which kills their strong desires
- (2) That which makes their daydreams become real
- (3) That which feeds their imagination
- (4) That which transforms daydreams into nightmares.

# PART II

# Directions (Qs. 166 to 170) : choose the correct Answer :

166. Flagrant

(1)	Scented	(2)	Shameless
(3)	Patriotic	(4)	Burning

- 167. Incongruous
  - (1) Out of time (2)
  - (3) Out of space (4) Out of place
- 168. Enigmatic
  - (1) puzzling (2) sharp
  - (3) problematic (4) docile
- 169. Tardy
  - (1) quick
  - (3) dirty
- 170. Omniscient
  - (1) all powerful (
  - (3) all knowing

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(2)

(4)

(2) indefatigable

sluggish

progressive

Out of country

(4) indomitable

								SEL
								iden.
								180
	Dir	ections (Qs. 1	171 to	o 175) : Fill	in the	blank choosin	g corr	ect word :
71.	Ubi	guitous = ——						
	(1)	somewhere			(2)	everywhere		
	(3)	nowhere			(4)	hardware		
72.	The	e study of coin	s is c	alled ———				
	(1)	archaeology			(2)	palaeontology		
	(3)	orthography			(4)	numismatics		
79	Wo	must always r		o our difform	<b>n</b> 00			
L70.	(1)	amiably	esorv	e our uniere.	(2)	arguably		
	(3)	amicably			(4)	affably		
	<b>T</b> .	,		C			<i>cc</i> • 1	. 1.
L'74.	It w	asn't very — rs.		—— of you	to ring	me up at the o	ffice d	uring working
	(1)	discreet			(2)	discrete		
	(3)	distinguishe	d		(4)	delinquent		
75.	Am	an with a spli	t pers	sonality is a -				
	(1)	lunatic		i ij i	(2)	misanthrope		
	(3)	sadist			(4)	schizophrenic		
				PA	RT III			
	Dir	ections (Qs.	176	to 190) : Fi	ill in t	he blanks wit	h the	appropriate
	phr	ase/verb/ pre	eposi	tion :				
70	<b>T</b> I		1.		41		C 41	
76.	The (1)	son —	t	he business (	on the i	tolvog offer	stathe	C
	(1) (3)	has taken or	or		(2)	takes alter		
	(0)	has taken ov	01		(1)			
177.	I —	the	e new	spaper but I	could'n	t find any job no	otificat	ions today.
	(1)	looked out			(2)	looked over		
	(3)	looked throu	gh		(4)	looked at		
178.	The	money must h	be dea	alt ———		fairly and just	ly	
	(1)	in	(2)	with	(3)	off	(4)	out
170	The	nlane —		- at half next	ton in	the morning		
	(1)	will takeup	(2)	took off	(3)	is taking off	(4)	taken off
	(-)	tanoap	(-)				(-)	
					25		MB	A/MCA 2011

								SE
								1.67%
								176
								Ell.
180.	Run	round the cor	mer! S	Someone is fol	lowing	g close ———	us	- 2
	(1)	behind	(2)	after	(3)	beside	(4)	to On
181.	They new	v wanted som business.	ne adv	rice	— h	ow they could ra	aise fu	unds for their
	(1)	about	(2)	to	(3)	for	(4)	on
182.	I con	nplimented hi	im —	his	brilli	ant success in th	e exai	nination
	(1)	over	(2)	for	(3)	to	(4)	on
109		h e i e	1.		N. I		1:0:	
183.	(1)	Bosido	g a dy	Owing to	(3)	u was also a pro	(4)	riter Bocause of
	(1)	Deside	(2)	Owing to	(0)	Desides	(4)	Decause of
184.	Wha	ales are ——		— animals the	at can	grow as long as	sixty	feet
	(1)	immense	(2)	immediate	(3)	imaginary	(4)	impartial
185.	The		positi	on of the coun	try is	not good		
	(1)	economical			(2)	economic		
	(3)	economics			(4)	none		
186.	You	must apologis	se ——	——— wha	at you	said.		
	(1)	for	(2)	about	(3)	on	(4)	in
187	Glob	alisation has	heen .		favo	urahly on our ec	onoms	7
101.	(1)	impacting	(2)	improving	(3)	interpolating	(4)	intervening
	(-)		(-)		(0)		(-)	
188.	I sha	all not be late	for di	nner ———				
	(1)	unless the tr	rain w	ill be late	(2)	unless the train	n will	not be late
	(3)	unless the tr	rain is	alate	(4)	if the train is la	ate	
189.	I —	mv	, uncle	e as soon as he	e arriv	ved in India.		
	(1)	called on	(2)	called with	(3)	called out	(4)	called at
190.	He t	akes no intere	est —	pol	litics.			4
	(1)	at	(2)	over	(3)	in	(4)	for
MBA	A/M(	CA 2011		20	6			



# PART IV

# Directions (Qs. 191 to 200) Choose the correct answer :

- 191. Franchise is a
  - (1) a bond
  - (2) a letter of intent
  - (3) an agreement enabling a third party to sell
  - (4) a business fidelity
- 192. WiFi is the abbreviation for
  - (1) Wireless identity for internet
  - (2) World wide internet for fast information
  - (3) World wide imaging for intelligence
  - (4) Wireless fidelity
- 193. Copy-writer is a person who
  - (1) Conceives the ideas and writes the advertisement
  - (2) Transcribes the product design
  - (3) Assists public relation works
  - (4) Represents the management of a company at a new conference.

194. The receipt given by an air carrier for shipment of goods is called

- (1) Air Delivery Note (2) Air Cargo Acknowledgement
- (3) Airway Bill (4) Air Parcel Receipt
- 195. The Chamber of Commerce for the IT software and services industry in India is
  - (1) NASSCOM (2) CII (3) NIC (4) NSE

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StudentBounts.com 196. A general rise in prices measured against a standard level of purchasing power is referred to as

- (2)Cost of living index (1)Consumer price index
- (3)Inflation index (4) GDP

197. A text file contains

- (1)Alphabetical and numerical data (2) A spread sheet
- (3)Only alphabetical data (4) Only numerical data

198. When a contract becomes null void, it means that the contract is

- (1)illegal (2)not binding
- (3)immoral (4) ripe for implementation

199. A web tool that consists of a searchable data base of websites is called

- (1)Google (2)Web Directory
- (3)Search Engine (4) World Wide Web

200. A device with volatile memory is

- RAM ROM (1)(2)
- Magnetic Disk **Compact Disk** (3)(4)



ROUGH WORK



ROUGH WORK

L TI	CKET N	o.:				SI	. No.	118
) No	Ang	wor	Q No	Answer		Answer	Q No	Answer
1	1 2	3 4	51	1 2 3 4	101	1 2 3 4	151	1 2 3 4
2	1 2	3 4	52	1 2 3 4	102	1 2 3 4	152	1 2 3 4
3	1 2	3 4	53	1 2 3 4	103	1 2 3 4	153	1 2 3 4
4	1 2	3 4	54	1 2 3 4	104		154	1 2 3 4
<b>5</b>	1 2	3 4	55	1 2 3 4	105	1 2 3 4	155	1 2 3 4
6	1 2	3 4	56	1 2 3 4	106		156	1 2 3 4
7	(1) (2)	3 4	57		107		157	
8		(3) (4)	58		108		158	
9		(3) (4)	59		109		159	
10		(J) (4)	60		110		160	
11 19		3 4 0 1	61		111 110		161	
12 19		3 4	62 69		112 119		162 169	
14			64		110		164	
15			65		115		165	
16		3 4	66		116		166	
17	① ②	<ol> <li>(3) (4)</li> </ol>	67	$\begin{array}{c} \bigcirc \bigcirc$	117	$\begin{array}{c} \bigcirc & \bigcirc & \bigcirc & \bigcirc \\ \hline 1 & \bigcirc & \bigcirc & \bigcirc & \bigcirc \\ \end{array}$	167	(1) $(2)$ $(3)$ $(4)$
18	1 2	3 4	68	(1) $(2)$ $(3)$ $(4)$	118	(1) $(2)$ $(3)$ $(4)$	168	(1) $(2)$ $(3)$ $(4)$
19	1 2	3 4	69	1 2 3 4	119	<u>1</u> <u>2</u> <u>3</u> <u>4</u>	169	1 2 3 4
20	1 2	3 4	70	1 2 3 4	120	1 2 3 4	170	1 2 3 4
21	1 2	3 4	71	1 2 3 4	121	1 2 3 4	171	1 2 3 4
22	1 2	3 4	72	1 2 3 4	122	1 2 3 4	172	1 2 3 4
23	1 2	3 4	73	1 2 3 4	123	1 2 3 4	173	1 2 3 4
24	1 2	3 4	74	1 2 3 4	124	1 2 3 4	174	1 2 3 4
25	1 2	3 4	75	1 2 3 4	125	1 2 3 4	175	1 2 3 4
26	1 2	3 4	76	1 2 3 4	126	1 2 3 4	176	1 2 3 4
27	1 2	3 4	77	1 2 3 4	127	1 2 3 4	177	1 2 3 4
28	1 2	3 4	78	1 2 3 4	128	1 2 3 4	178	1 2 3 4
29	(1) (2)	3 4	79		129		179	
30		(3) (4)	80		130		180	
31		(3) (4)	81		131		181	
32		3 4	82		132		182	
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04 35			04 85		194 195		104 185	
36			86		130		100	
30			87		130		187	
38		3 4	88		137		188	
39		3 4	89		139		189	
40	(1) (2)	(3) (4)	90		140		190	
41	(1) $(2)$	3 4	91		141		191	
42	$ \overbrace{1}^{\circ} $	3 4	92	1 2 3 4	142	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	192	1 2 3 4
43	$\tilde{1}$ $\tilde{2}$	3 4	93	1 2 3 4	143	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	193	1 2 3 4
44	Ū 2	3 4	94	1 2 3 4	144	1 2 3 4	194	1 2 3 4
45	1 2	3 4	95	1 2 3 4	145	1 2 3 4	195	1 2 3 4
46	1 2	3 4	96	1 2 3 4	146	1 2 3 4	196	1 2 3 4
47	1 2	3 4	97	1 2 3 4	147	1 2 3 4	197	1 2 3 4
48	1 2	3 4	98	1 2 3 4	148	1 2 3 4	198	1 2 3 4
49	1 2	3 4	99	1 2 3 4	149	1 2 3 4	199	1 2 3 4
50	(1) (2)	(3) (4)	100	1 2 3 4	150	$\square \square \square \square \square \square$	200	0 0 0 0

Signature of the Candidate

Signature of the Invigilator

