(Actual-2007) ИТМОБТ

- 1. If $f(x) = x^n$, then $f(1) + \frac{f'(1)}{1!} + \frac{f''(1)}{2!} + \dots + \frac{f'''(1)}{n!}$ is equal to :
 - (a) 0

- (b) 2^n (c) 2^{n-1} (d) $\frac{n(n+1)}{2}$
- Let α, β, y be distinct real numbers. The points with $\alpha i + \beta j + \gamma k$, $\beta i + \gamma j + \alpha k$. $\gamma \vec{l} + \alpha \vec{j} + \beta \vec{k}$
 - (a) are collinear
 - (b) form an equilateral triangle
 - (c) form a scalene triangle
 - (d) form a right angled triangle
- The area included between the curve $y = x^3$ and $y = 4x^2$ is:
 - (a) 64
- (b) 64/3
- (c) 64/9
- If a, b, c are three non-collinear vectors such that $a \times b = b \times c = c \times a$, then find a + b + c
 - (a) 0
- (b) 3a (c) 3b (d) 3c
- The tangent to a curve f(x) makes an angle $\pi/6$ at x = 1 and $\pi/4$ at x = 4 with the x-axis. The value of f'(x) f''(x) dx is:

 - (a) $\frac{\sqrt{3}+1}{3}$ (b) $\frac{\sqrt{3}-1}{3}$ (c) 3
- 6. The angles of a triangle are in A.P. If $b: c = \sqrt{3} / \sqrt{2}$ then angle A is equal to:

 - (a) 75" (b) 105" (c) 30" (d) 45"
- $f(x) = \sin x \tan x, x \in \left[0, \frac{\pi}{2}\right]$, then tangent at any point on the curve :
 - (a) below the curve
- (b) above the curve
- (c) on the curve
- (d) none
- A bag contains 5 red and 3 white marbles and another bag contains 2 red and 6 white marbles, 2 marbles are drawn at random from each bag. What is the probability that the marbles drawn are of same colours :
 - (a) $\frac{55}{784}$ (b) $\frac{45}{784}$ (c) $\frac{55}{56}$ (d) none

- The domain of the function $\sqrt{\frac{og_0}{4} \frac{(x-1)}{(x+5)} \frac{1}{x^2-6}}$
 - (a) $\{x: x < 0, x = -6\}$
- (b) $(x:x>0, x\neq 6)$
- (c) $\{x: x > 1, x = 6\}$
- (d) none
- A and B are independent events. The probability that both will occur is 1/B and that neither of them occur is 3/8. If P(A) > P(B). Find P(B)
 - (a) 1/2
- (b) 1/4
- (c) 3/4
- 11. A, B and C are shooting with probabilities $\frac{3}{5} \cdot \frac{2}{5} \cdot \frac{3}{4}$ respectively. The probability that the target is hit by at
 - (a) 0.63

least two shots is

- (b) 0.69 (c) 0.18
- (d) 0.82
- The equation of the circle passing through (2, 3) and (-1, 1) with its centre lying on the line x - 3y - 11 = 0 is
 - (a) $x^2 + y^2 7x + 5y 14 = 0$
 - (b) $x^2 y^2 + 7x 5y + 12 = 0$
 - (c) $x^2 + y^2 + 7x + 5y 14 = 0$
 - (d) $x^2 + y^2 + 7x + 5y + 14 = 0$
- 13. The distance between the pair of straight line $x^2 + 2\sqrt{3}xy + 2y^2 + 4x + 1 = 0$
 - (a) 2√3 (b) 2 (c) √3

- 14. A particle is acted upon by constant factor 4/ + j 3k and 3i + j - k which displace it from a point 1+21+3k to the point 51+41+k. The work done in standard units by the forces is given by :
 - (a) 25
- (b) 30 (c) 40
- The direction of velocity of a boat relative to water is 15. 3/ + 4/ and that of water relative to earth is / - 3/ what is the magnitude and direction of boat w.r.t. earth ?
 - (a) √15, tan (-1/4) North
 - (b) √17 tan (1/4)
 - (c) \(\sqrt{15}\) tan \(^1(1/2)\)
 - (d) none
- The equation of line passing through (- 2, 3) and 16. perpendicular to 2x - 3y + 6 = 0 is given by :
 - (a) 2x + 3y 5 = 0
- (b) 3x + 2y = 0
- (c) 3x + 2y = 9
- (d) 2x 3y + 11 = 0

- 17. If $a = 1 + \log_x yz$, $b = 1 + \log_y xz$, $c = 1 + \log_z xy$, then ab + bc + ca is equal to :
 - (a) 0

- (b) 2abc
- (c) abc
- (d) $a^2 + b^2 + c^2$
- 18. mth term of H.P. is n and its nth term is m, then find $(m+n)^{th}$ term?
- (a) $\frac{mn}{m+n}$ (b) $\frac{m+n}{mn}$ (c) $\frac{m-n}{mn}$ (d) none
- 19. The number of roots of equation $x^3 + x^2 + 3 + 2\sin x = 0$. $x \in [-\pi, \pi]$
 - (a) 2
- (b) 3 (c) 4
- (d) none
- T_n represents the no. of triangles formed from a polygon

having n vertices. If $T_{n+1} - T_n = 21$, then n is equal to :

- (a) 6
- (b) 7
- (c) 8
- (d) none
- The ages of students in a group are in A.P. If the youngest is 5 years old, and the oldest is 15 years old, then the average age of the group is :
 - (a) 5
- (b) 15
- (c) 10 (d) can't say
- 22. If x + y = 1 and $x^3 + y^3 = 4$, then $x^5 + y^5 =$
 - (a) 11
- (b) 12 (c) 13
- (d) 22
- 23. If a, b, c are in A.P., then $\tan \frac{A}{2}$ tan $\frac{C}{2}$ =
 - (a) $\frac{1}{3} \cdot \frac{2}{3}$ (b) 2/3 (c) 3/2 (d) none

- 24. If $f(x) = \max(2x + 1, 3 4x)$. Then the minimum value of f(x)
 - (a) 1/3

- (b) 5/3 (c) 3/2 (d) none
- 25. A is 8 miles east of B, C is 10 miles north of B, D is 13 miles east of C. E is 2 mile north of D. Then the shortest distance between A and E is :
 - (a) 13
- (b) 12
- (c) 5
- (d) none
- In a class, 50 student play cricket, 20 play hockey, 10 play both the games, then the no. of students playing at least one game is:
 - (a) 30
- (b) 60
- (c) 70
- (d) none
- 27. If A and B are two sets, then A' B'

 - (a) B-A (b) A-B
- (c) ϕ
- (d) none
- 28. Exact value of $\sec \frac{7\pi}{12}$
 - (a) $\sqrt{3} 1$
- (b) $\sqrt{3} + 1$
- (c) $-\sqrt{2}(\sqrt{3}+1)$
- (d) $2\sqrt{2}(\sqrt{3} + 1)$

29. If $A=\begin{bmatrix}1&2&15\\3&4&11\\5&6&7\end{bmatrix}$, let $\lambda_1,\lambda_2,\lambda_3$ be its eigen value then

$$(1 + \lambda_1)(1 + \lambda_2)(1 + \lambda_3) =$$

- (a) 0
- (b) 95 (c) 4
- (d) 12
- A student calculated mean and standard deviation of 100 observation as 40 and 51 respectively. Lates it was discovered that he was taken by mistake 50 instead of 40, then new standard deviation is :
 - (a) 5
- (b) 4.9
- (c) 5.1
- (d) none
- Find the 6th term in the expansion of $(1-2x^2)^{1/2}$:

 - (a) $\frac{7}{9}x^3$ (b) $-\frac{7}{9}x^3$ (c) $\frac{7}{9}x^{10}$ (d) $-\frac{7}{9}x^{10}$
- The area included between the curves $y = xe^x$ and

$$y = xe^{-x}$$

- (a) 0 (b) -1 (c) 1
- (d) none
- 33. $(\sqrt{5}-2)^{1/3}-(\sqrt{5}+2)^{1/3}$ will be:
 - (a) Irrational
- (b) one
- (c) rational but not integer
- (d) none
- Of the following sets, the one that includes all values of x which will satisfy 2x-3>7-x is:
- (a) x > 4 (b) $x < \frac{10}{3}$ (c) $x = \frac{10}{3}$ (d) $x > \frac{10}{3}$
- 35. Numerical value of the expression $\frac{3x^3 + 1}{2x^2 + 2}$ for

$$x = -3$$
 is:

- (a) 4

- (b) 2 (c) 3 (d) 0
- The product of perpendiculars from (2, -1) to the pair of lines $2x^2 + 6xy + y^2 = 0$ is:

 - (a) $\frac{3}{2}$ (b) $\frac{\sqrt{3}}{2}$ (c) $\frac{3}{37}$ (d) $\frac{3}{\sqrt{37}}$
- 37. If f'(x) = g(x) and g'(x) = -f(x) for all x and f(3) = 5 = f'(3) then $f^{2}(19) + g^{2}(19)$ is:
 - (a) 16

(b) 32

(c) 64

- (d) none
- Let a, b, and c be such that

$$\frac{1}{(1-x)(1-2x)(1-3x)} = \frac{a}{1-x} + \frac{b}{1-2x} + \frac{c}{1-3x}$$
 then
$$\frac{a}{1} + \frac{b}{3} + \frac{c}{5} =$$

- (a) 1/15
- (b) 1/6
- (c) 1/5
- (d) 1/3
- 39. If $0 < y < 2^{1/3}$ and $x(y^3 1) = 1$, then $\frac{2}{x} + \frac{2}{3x^3} + \frac{2}{5x^5} + \dots =$
 - (a) $\log \left[\frac{y^3}{2 y^3} \right]$ (b) $\log \left[\frac{y^3}{1 y^3} \right]$

 - (c) $\log \left| \frac{2y^3}{1-y^3} \right|$ (d) $\log \left| \frac{y^3}{1-2y^3} \right|$
- 40. $2C_0 + \frac{2^2}{2}C_1 + \frac{2^3}{2}C_2 + \dots + \frac{2^{11}}{11}C_{10} =$
 - (a) $\frac{3^{11}-1}{11}$ (b) $\frac{2^{11}-1}{11}$ (c) $\frac{11^3-1}{11}$ (d) $\frac{11^2-1}{11}$
- 41. The range of the function $f(x)=^{7-x}P_{x-1}$ is
 - (a) {1,2,3,4}
- (b) { 1,2,3,4,5,6 }
- (c) { 1,2,3 }
- (d) { 1,2,3,4,5 }
- 42. If one root of the equation $x^2 + px + 12 = 0$ is 4 and $x^2 + px + q = 0$ has equal roots, then the value of q is:
 - (a) 3
- (b) 12
- (c) 49/4
- (d) none
- A point on the parabola $y^2 = 18x$ at which the ordinate increases at twice the rate of the abscissa is :
 - (a) $\left(\frac{-9}{8}, \frac{9}{2}\right)$
- (b) (2,-4)
- (c) (2.4)
- (d) $\left(\frac{9}{8}, \frac{9}{2}\right)$
- 44. The value of $\int \left|1-x^2\right| dx$ is
 - (a) 7/3
- (b) 14/3
- (c) 28/3
- (d) 1/3
- The area of the resion bounded by the curves y = |x-2|, x = 1, x = 3 and the x-axis is:
 - (a) 3
- (b) 2
- (c) 1
- (d) 4

- (a) 7/2
- (b) 5/2
- (c) 3/2
- (d) 9/2
- A random variable X has the probability distribution :

0.15 0.23 0.12 0.10 0.20 0.08 0.07 0.05

For the events E={ X is a prime number } and F={ X<4}. the probability $P(E \cup F)$ is:

- (a) 0.35
- (b) 0.77
- (c) 0.87
- (d) 0.50
- If the lines 2x+3y+1=0 and 3x-y-4=0 lie along diameters of a circle of cirumference 10π , then the equation of the circle is :

(a)
$$x^2 + y^2 + 2x + 2y - 23 = 0$$

(b)
$$x^2 + y^2 - 2x - 2y - 23 = 0$$

(c)
$$x^2 + y^2 - 2x + 2y - 23 = 0$$

(d)
$$x^2 + y^2 + 2x - 2y - 23 = 0$$

49. $\int \frac{dx}{1}$ is equal to :

(a)
$$\frac{1}{\sqrt{2}} \log \tan \left(\frac{x}{2} - \frac{3\pi}{8} \right) + c$$

(b)
$$\frac{1}{\sqrt{2}} \log \left| \cot \left(\frac{x}{2} \right) \right| + c$$

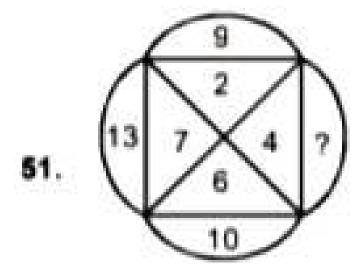
(c)
$$\frac{1}{\sqrt{2}} \log \left| \tan \left(\frac{x}{2} - \frac{\pi}{8} \right) \right| + c$$

(d)
$$\frac{1}{\sqrt{2}} \log \left| \tan \left(\frac{x}{2} - \frac{3\pi}{8} \right) \right| + c$$

matrix A is:

- (a) 1 does not exist
- (b) A = (-1) / , where / is a unit matrix
- (c) A is a zero matrix
- (d) $A^2 = I$

Analytical Ability & Logical Reasoning



(a) 9

(b) 6

(c) 10

(d) 12

If + means + . - means +, then the value of 10 - 14 x 8 + 2 + 16 + 8 :

(a) 142

(b) 144

(c) 145

(d) none

A cube has its 6 faces having different colours(red , blue , green , yellow , white and orange). It has been given that green is opposite to red, blue is between green and red, yellow is adjacent to orange. What colours are on the adjacent faces of face having yellow colours:

(a) green, orange, blue, red

(b) red, blue, green, white

(c) green, blue, white, orange

(d) green, orange, red, white

54. Mona was 3 times as old as Radha 6 years ago and will be 5/3 times as old as Radha after 6 years. What is the present age of Radha?

(a) 11

(b) 12

(c) 13

(d) none

There are five books P. Q. R. S. T. R is above S. Q is below P. P is below S. Q is below T. Which book occupies the lowest place.

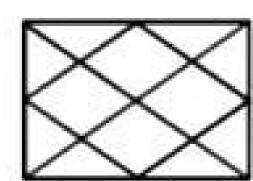
(a) P

(b) Q

(c) R

(d) S

Count the number of Pentagons:



(a) 12

(b) 13

(c) 16

(d) none

57. N F M A T. The given letters have certain similar characteristics. One is different from others. Find the odd one :

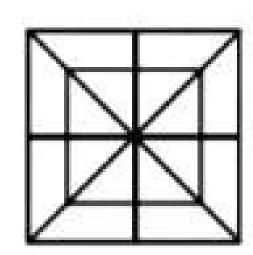
(a) N

(b) F

(c)A

(d) T

58. Number of triangles and squares in the following figures:



(a) 32 triangles, 10 squares

(b) 32 triangles, 8 squares

(c) 28 triangles, 10 squares

(d) 28 triangles, 8 squares

59. A, B and C gets into partnership. A invests thrice as B and B invests 2/3 as C. If the total profit gained of the end of the year is 6600/-. Calculate B's share :

(a) 2000

(b) 2500

(c) 3000

(d) none

The average age of a group going for picnic is 16 yrs 20 60. persons with average age 15 yrs join them so that the average age becomes 15.5 years. Then the number of persons who were initially going for picnic :

(a) 10

(b) 20

(c) 18

(d) none

A train travels at an average speed of 100 kmph stopping 61. for 3 minutes after every 75 kms. How much time it will take to reach a station which is 600 km from the point of start:

(a) 6 hrs. 24 min.

(b) 6 hrs. 21 min.

(c) 6 hrs.

(d) none

An inspector rejects 0.08% of the sample, those being 62. directive. How many samples should be inspect to reject 2 of them:

(a) 2000

(b) 2500

(c) 2250

(d) none

Directions for Q. 63 and Q. 64: The following questions contains a series of numbers of which one is incorrect. Select the incorrect one:

3, 51, 51055, 255255

(a) 51

(b)

(c) 51055

(d) 255255

1015, 799, 674, 615, 583, 575 64.

(a) 799

(b) 615

(c) 674

(d) 583

Directions for Q. 65 and Q. 66: Read the following paragraph to answer question 21-22. Radha has one unmarried daughter and two sons. Mona is daughter in law of Bharat. Suraj is brother of Kamal but Mona is not his wife. Usha's daughter Madhu is Kamal's niece. Ashok's son Arun is Madhu's cousin.

Who among the following pairs are mother and son.

(a) Usha and Kamal

(b) Radha and Suraj

(c) Madhu and Ashoka

(d) Mona and Suraj

How is Bharat related to Madhu: 66.

(a) Father

(b) Grandfather

(c) Cousin

(d) Brother

67. A thief after stealing, went off in a Santro with a speed 40 kmph. The owner of the house discovered the theft after half an hour and then he set off on his wife at a speed of 50 kmph. At what time, he will catch up the thief after his start :

(a) 2 hrs.

(b) 2.30 hrs. (c) 3 hrs.

(d) none

68. A shopkeeper sells half of the oranges he had plus 1 to the first customers. Then 1/3 of the remaining plus 1 to his second customer and 1/5 of the remaining plus 1 to his third customer. If he is left with 3 oranges at the end, then initially he had :

(a) 12 oranges

(b) 24 oranges

(c) 36 organges

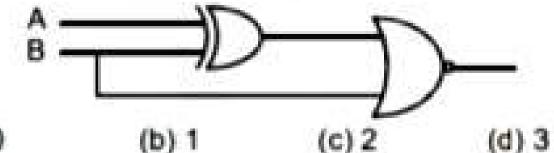
(d) none

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69.				rs between 1-10 ng conditions. D	77.		moination of — Pastries		91.099.10	bruary — Pastries			
				A as C is greater		(c) None			M153	nnot be determine			
		upy central p	osition. If A =	6, then the sum	78.	112	he choice of			THIS DE GOTOTTINIO			
	of E and G.	21.2022i	124 10221		70.	(a) Ice cr				ngali sweets			
	(a) 8	(b) 12	(c) 15	(d) none		(c) Dry fru		0.000		annot be determine	ed		
70.				elling in opposite									
				and 30 kmph	79.								
	respectively. In of faster train.		sower train wi		(a) Janua	ry or May	71.77) Ma	ta inadequate				
	(a) 30 sec	(b) 60 sec	(c) 50 sec	(d) none	500								
71.					1		Questions						
100				passengers. At	Read the following information carefully and answer the								
				er. How many	ques	stions that I	follow						
	passengers w			(2) (1) (1) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4						s A, B, C, D, E, F,			
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72.	but to the rig	ht of grand	father. Moth	 (ii) There are three lady members and of the eight, four are holding Ph.D. Degree. 									
	(a) Daughter	en or grandi	(b) Grandfa	in the centre : ather		(iii) E tea Chem		nology a	nd it	s Ph.D. A teache	rs		
	(c) Mother		(d) Father			37000		chers Ec	onor	nics is not Ph.D. h	No		
73.	The smallest	number which	th when divid	ed by 2, 3, 4, 5						Commerce or La			
				but, leaves no		Law fa	aculty does	not awar	d Ph	D.			
	remainder wh			74.5						ommerce or Physic	1000		
various.	(a) 231	. 1988	(c) 331	(d) none						are not Ph.D. F wi	no		
74.					0.500.0500.55	D teachers			lady mambas				
				bread plus half	(vii) B and G are Ph.Ds and G is a lady member. 80. Who teaches Physics ?								
	bread. If at last 3 breads are left. Then initially the bakery shop had breads :						thes Physic						
		(b) 31	(c) 24	(d) none		(a) C		1922	15000000	her H or C			
75.	ARTHURIO TERRETAR			rom the highest	102007	(c) H				her C or G			
	four digit num			A CONTRACTOR OF THE CONTRACTOR	81.		the followin			ers is/are Ph.D. ?			
	(a) 197	(b) 198	(c) 159	(d) none		(a) G		11.35		and H	20.00		
Dire	ctions for Que	stions Q 76	to Q 78 :	0.50-5101-225-0.410	45366	(c) C and	Hall Kaliberran		Attended	nnot be determine	bd		
	the following		A.M. (1947)	answer the	82.		the followin			is true ?			
			carciumy and	answer are			ady membe		Maria San	\$90			
ques	tions that follow		Asha and I	Tanana ara fira			male mem			10 brower transmission			
		of a family.	i, Asna and	Tanmay are five						gy is not Ph.D.			
			tes from Janu	ary to May, each	32/25	(d) The person who teacher Economics is Ph.D.							
		one of the			83.				natio	n is not correct?			
	(iii) Each one I	ikes one par	ticular item for	his/her birthday			nerce -Male		_				
			s, Chocolate	s, Pastries, Ice			omics-Lady- cs-Lady-Ph		U.				
	1912 BANK 01 SOFTIA	d Dry Fruits					gy-Male-Ph.						
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	(viii) Namita de					Trades Processors and the	on approve de anno				122		
76.	What is the ch	noice of Asha	?		85.					we say that HCF maximum possib			
Anoth	(a) Pastries	urres (10 (5.55 1995 1951)	(b) Dry fruit	s						then the maximu			
	(c) Bengali sv	weets		be determined			value of h is		FERT.		6055		
	110-000 1 0-000 NATIONS (80%)	0.95±0.10±1	ncesseure.800019990			(a) 2	(b) 3	(c) 4	(d) None			

- The chances of throwing up a number that is greater than 8, 5 and 10 in that order in 3 throws of 2 dices simultaneously is
 - (a) 7/486
- (b) 15/972
- (c) 33/1944
- (d) 65/3888
- In a group there are 13 boys and 7 girls with brown hair. 15 person don't have brown hair. Then the maximum number of persons the group can have, is
 - (a) 26
- (b) 25
- (c) 39
- (d) None
- Assume the data of question 45, i.e. the previous one. The minimum number of persons in the group is
 - (a) 13
- (b) 26
- (c) 25
- (d) None
- How many arrangements of four 0's, two 1's and two 2's are there in which the first 1 occurs before the first 27
 - (a) 210
- (b) 420
- (c) 105
- (d) None
- A girl starts to paint a fence on one day. On the second day two more girls join her and on the third day three more girls join the group and so on and so forth. If the fence is completely painted in this manner in 20 days. then the number of days, in which 10 boys painting together can paint fence completely given a boy can paint twice as fast as a girl can, is
 - (a) 154
- (b) 77
- (c) 36
- (d) 72

Computer Awareness

- A floppy disk is:
 - (a) Input device
- (b) output device
- (c) both (a) and (b)
- (d) none
- Select the correct memory hierarchy: 92.
 - (a) Magnetic disk, DRAM, ROM
 - (b) Cache, DRAM, ROM
 - (c) SRAM, ROM, Magnetic disk
 - (d) ROM, DRAM, Magnetic disk
- If A = 1, B = 0, then the output will be: 93.



- (a) 0

- Which one of the following is true for memory bus:
- (a) It communicates between processor and I/O device
- (b) It communicates between memory and I/O device
- (c) It communicates between processor and memory
- (d) none
- What will be the output of the following set of instructions: Input a 3 x 3 matrix with row-wise elements {0, 1, 2, ...}

t = 0

for i = 1 to 3 do

for j = 1 to 3 do

if i + j = 4, t = 5 + Aii

end do

end do

output t =

- (a) 9
- (b) 10
- (c) 11
- (d) 12
- If p is false, then $p \rightarrow q$ is: 96.
 - (a) 0

- (b) True
- (c) False
- (d) Cannot say
- Zero has two representations in :
 - (a) sign magnitude
- (b) 1's complement
- (c) 2's complement
- (d) none
- Decimal number (35.75)40 is binary is represented as: 98.
 - (a) (100011.11)
- (b) (100011.011)₂
- (c) (100110.11)₂
- (d) (100110.011)₂
- Representation of (-1)10 in binary system :
 - (a) (10000001)₂
- (b) (00000001)₂
- (c) (111111111)₂
- (d) none
- 100. Which of the following is volatile memory:
 - (a) ROM, RAM
- (b) RAM
- (c) ROM
- (d) none
- 101. The number 1/3 can be represented with finite number of terms in base :
 - (a) 7
- (b) 8
- (c) 9
- (d) 10
- 102. Which of the following is not related to internet or www.
 - (a) HTTP
- (b) HTML
- (c) FCFS
- (d) TCP/IP
- 103. The boolean expression (x + y)(x + y') can be simplified to :
 - (a) 0
- (b) x
- (c) y
- (d) 1
- 104. Convert 3DC (hexadecimal) to octal.
 - (a) 1734
- (b) 1374
- (c) 1473
- (d) 1437
- 105. Find the odd man out.
 - (a) LINUX
- (b) WNDOWS NT
- (c) OS/2
- AVAL(b)

General English

Directions for Q. 106 to Q. 108 : Read the following paragraph:

- The clarity of the stone is determined by its lack of carbon spots, surface flaws and blemishes.
- While these are hardly seen with naked eyes, it affects 11. diamond's brilliance.
- The most commonly found quality of diamond is VVSI HIL. (very very slightly imperfect), flawless as one can find.
- The quality goes on improving in VVSI, VVS2, and so on. N.
- 106. To which statement about brilliance of diamond will author probably agree.
 - (a) I
- (b) II
- (c) III
- (d) IV

- 107. Which of the following is true about clarity of stone :
 - (a) It has carbon spots, flaws and blemishes
 - (b) It is determined by its imperfection
 - (c) It can't be determined by its imperfection
 - (d) none of these
- 108. Which of the following words can best substitute the word flawless in the given paragraph.
 - (a) unrefined
- (b) watertight
- (c) blemish
- (d) imperfection

Directions for Q. 109 & Q. 110: Which of the following words can best express the meaning of word written in capital letters:

- 109. EXALTATION
 - (a) ecstasy
- (b) eminence
- (c) adulation
- (d) offense
- 110. RUMINATE
 - (a) qualm
- (b) deduce
- (c) meditate
- (d) langour

Directions for Q. 111 & Q. 112 : Select the synonym for the given word :

- 111. Compassionate
 - (a) sympathetic
- (b) thoughful
- (c) benign
- (d) malignant
- 112. Exceptionable
 - (a) intolerable
- (b) bearable
- (c) endurable
- (d) adequate

Directions for Q. 113 & Q. 114: Which of the underlined words should be corrected, so that the sentence is grammatically correct?

- 113. The <u>athlete</u>, along <u>with his</u> coach, <u>are</u> going to dympic gams:
 - (a) athlete
- (b) with
- (c) his
- (d) are
- 114. Platinum is precious and value metal, white in colour
 - (a) precious (b) value
- value (c) white
- (d) colour
- 115. The teacher made us our identity cards.
 - (a) to show
- (b) show
- (c) showing
- (d) none of these
- 116. Birds are kept in :
 - (a) Aviary
- (b) Cannibal
- (c) Bigot
- (d) Aquarium

Directions for Q. 117 & Q. 118: In the following questions, choose the word opposite in meaning to the given word.

- 117. ADMONISH
 - (a) Commend
- (b) Tolerate
- (c) Flatter
- (d) Approve
- 118. SUCCUMB
 - (a) Curb
- (b) Resist
- (c) Injure
- (d) Shoot

Directions for Q. 119 & Q.120: Contain two items that share a definite relationship. Find the pair from the options that expresses a similar relationship.

- 119. Mirror is to Reflect as
 - (a) Beauty is to Enchantment
 - (b) Fire is to Burn
 - (c) Road is to Vehicles
 - (d) Money is to earning.
- 120. Dawn is to morning as
 - (a) Spring is to summer
- (b) Sun is to Moon
- (c) Week is to Month
- (d) Birth is to Death

ANSWER KEY (NIMCET- (Actual 07))

1.	(b)	2.	(b)	3.	(b)	4.	(a)	5.	(d)	6.	(a)	7.	(d)	8.	(a)	9.	(d)	10.	(b)
11.	(a)	12.	(a)	13.	(b)	14.	(c)	15.	(b)	16.	(b)	17.	(c)	18.	(a)	19.	(d)	20.	(b)
21.	(c)	22.	(a)	23.	(d)	24.	(b)	25.	(a)	26.	(b)	27.	(a)	28.	(c)	29.	(b)	30.	(d)
31.	(d)	32.	(a)	33.	(a)	34.	(d)	35.	(a)	36.	(d)	37.	(d)	38.	(a)	39.	(a)	40.	(a)
41.	(c)	42.	(c)	43.	(d)	44.	(c)	45.	(c)	46.	(a)	47.	(b)	48.	(c)	49.	(d)	50.	(d)
51.	(b)	52.	(a)	53.	(d)	54.	(b)	55.	(b)	56.	(a)	57.	(c)	58.	(a)	59.	(d)	60.	(b)
61.	(b)	62.	(b)	63.	(c)	64.	(b)	65.	(b)	66.	(b)	67.	(a)	68.	(d)	69.	(b)	70.	(d)
71.	(d)	72.	(b)	73.	(b)	74.	(b)	75.	(b)	76.	(b)	77.	(c)	78.	(a)	79.	(c)	80.	(b)
81.	(a)	82.	(b)	83.	(c)	84.	(d)	85.	(d)	86.	(d)	87.	(d)	88.	(d)	89.	(d)	90.	(d)
91.	(d)	92.	(b)	93.	(b)	94.	(c)	95.	(c)	96.	(d)	97.	(d)	98.	(a)	99.	(c)	100.	(b)
101.	(c)	102.	(c)	103.	(b)	104.	(a)	105.	(d)	106.	(a)	107.	(a)	108.	(b)	109.	(b)	110.	(c)
111.	(b)	112.	(a)	113.	(d)	114.	(b)	115.	(a)	116.	(a)	117.	(a)	118.	(a)	119.	(a)	120.	(d)