



01.	How many elements does the set $P(\{\phi, a\{a\}, \{\{a\}\}\})$ has; where a & b are distinct elements, P					
	denotes power set.					
	(a) 2	(b) 4	(c) 16	(d) None of these		
02.	What is the cardina	ality of these sets in the	order of their serial n	umber		
	(i) {a}	(ii) $\{\{a\}\}$	(iii) {a, {a}}	$(iv) \{a, \{a, \{a\}\}\}$		
	(a) 1, 1, 3, 2	(b) 1, 1, 2, 3	(c) 1, 2, 2, 3	(d) 1, 2, 3, 4		
03.	Suppose that $A_i =$	= {1, 2, 3, i} for	$i = 1, 2, 3 \dots th$	en find $\bigcup_{i=1}^{\infty} A_i = ?$. Here Z is set of		
	Integers.					
	(a) Z+	(b) Z	(c) {1}	(d) None of these		
04.	Find $\bigcup_{i=1}^{\infty}A_i$ and	$\bigcap_{i=1}^{\infty}A_i$ for every posit	ive integer i where	$A_i = \{-i, i\}$. Here Z denotes set of		
	integers.					
	(a) $Z - \{0\}, \phi$	(b) Z, {-1, 0, 1}	(c) Z, φ	(d) None of these		
05.	Which of the follow	wing relations are funct	cions?			
	(i) $\{(1, (a, b)), (2, (b, c)), (3, (c, a)), (4, (a, b))\}$					
	(ii) {(1, (a, b)), (2, (b, a)), (3, (c, a)) (4, (a, c))}					
	(iii) $\{(1, (a, b)), (2, (a, b)), (3, (a, b))\}$					
	(iv) $\{(1, (a, b)),$	(2, (b, c)), (1, (c, a))				
06	(a) 1, 111		(c) i, iv	$(\mathbf{d}) \mathbf{i}, \mathbf{i}$		
06.	There is a flight from Trichy to New Delhi and 2 direct trains. There are 6 trains from Trichy to Chennai and 4 trains from Chennai to Delhi Also, there are 2 trains from Trichy to Mumbai and 3					
	flights from Mum	bai to New Delhi. In I	how many ways can	a person travel from Trichy to New		
	Delhi?	(b) 40	(c) 43	(d) 41		
07.	If P. O. R have trut	th values. T. T and F. th	the truth values of			
	$(P \rightarrow (O \rightarrow R)) \rightarrow$	$((P \rightarrow O) \rightarrow (P \rightarrow R))$	& $P \rightarrow OVR$ are			
	(a) F F	((· · · ·) · (· · ·)	(c) F T	(d) T F		
08	$(A \cap B') \cup (A' \cap B)$	(0) 1, 1	(c) 1, 1	(u) 1, 1		
00.		O(A B) is equal to				
	(a) $A \cup B$	(b) A'∪B'	(c) A'∩B'	(d) A∪B'		
09.	The floor function	[] is				
	(a) One $-$ to one bu	it no onto	(b) Onto but not of	ne-to-one		
	(c) Neither one-to-	one nor onto	(d) A bijection from R to Z			

The domain of real – valued function $f(x) = \sqrt{x-3} + \sqrt{x-4}$ is the set of all values of x satisfying 10. (c) $3 \le x \le 4$ (a) 3 < x < 4(b) $3 \le x < \infty$ (d) $4 \le x \le \infty$ The number of students who take both the subjects, mathematics and chemistry are 30. This 11. represents 10% of the enrolment in mathematics and 12% of enrolment in chemistry. How many students take at least one of these two subjects? (a) 500 (b) 490 (c) 560 (d) 520 $\frac{1}{\sin 10^\circ} - \frac{\sqrt{3}}{\cos 10^\circ} =$ 12. (d) 2(a) 0 (b) 4(c) 1 The value of $\sin \frac{\pi}{16} \sin \frac{3\pi}{16} \sin \frac{5\pi}{16} \sin \frac{7\pi}{16}$ is 13. (a) $\frac{\sqrt{2}}{16}$ (b) $\frac{\sqrt{2}}{32}$ (c) $\frac{\sqrt{2}}{\circ}$ (d) $\frac{\sqrt{2}}{\epsilon 4}$ Number of unimodular complex number which satisfies the locus $\arg\left(\frac{z-1}{z+i}\right)$ 14. (c) 2 (a) 0(b) 1 (d) 3The values of the parameter a such that the roots, α,β of the equation $2x^2 + 6x + a = 0$ satisfy the 15. inequality $\frac{\alpha}{\beta}, \frac{\beta}{\alpha} < 2$ are (c) a < 0 or a > 9/2(b) a < 9/2(d) None of these (a) a > 016. The 120 permutations of MAHES are arranged in dictionary order, as if each were an ordinary 5letter word. The last letter of 86th word in the list is (a) A (b) H (c) S (d) E 17. A person writes letters to 6 friends and addresses the corresponding envelops. Let 'x' be the number of ways so that at least 2 of letters are in wrong envelops and 'y' be the number of ways so that all letters are in wrong envelopes. Then x - y = ?(a) 719 (b) 265 (d) None of these (c) 454 In how many ways can this diagram be colored subject to the following two conditions? 18. Each of the smallest triangle is to be painted with one of three colors: red, blue or green (i) No two adjacent regions have the same color. (ii) (a) 20 (b) 24 (c) 28 (d) 30

19.	The tens digits of $1! + 2! + 3! \dots 49!$ is				
	(a) 1	(b) 2	(c) 3	(d) 4	
20.	The middle term in the	the expansion of $\left(1 + \frac{1}{x^2}\right)$	$\left(1+x^2\right)^n$ is		
	(a) $C_n^{2n} x^{2n}$	(b) C_n^{2n}	(c) C_{n-1}^{2n}	(d) None of these	
21.	The sum of infinite se	eries $\frac{2^2}{2!} + \frac{2^4}{4!} + \frac{2^6}{6!} + \frac{2^8}{8!}$	+ is equal to		
	(a) $\frac{e^2 - 1}{2e}$	(b) $\frac{e^4 + 1}{2e^2}$	(c) $\frac{(e^2-1)^2}{2e^2}$	(d) $\frac{\left(e^2+1\right)^2}{2e^2}$	
22.	If 'a' is the arithmetic	c mean of 'b' and 'c' a	nd G_1 and G_2 be the	e two geometric means between them,	
	then $G_1^3 + G_2^3$ is equa	al to			
	(a) abc	(b) 4abc	(c) 2abc	(d) abc/2	
23.	For $x \in R$, $\lim_{x \to \infty} \left(\frac{x}{x} \right)$	$\left(\frac{-3}{+2}\right)^{x} =$			
	(a) e	(b) e^{-1}	(c) e ⁵	(d) e^{-5}	
24.	The contrapositive of	$P \rightarrow (\sim q \rightarrow \sim r)$ is			
	(a) $(\sim q \wedge r) \rightarrow \sim p$	(b) $(q \rightarrow r) \rightarrow p$	(c) $(q \lor \sim r) \rightarrow \sim p$	(d) None of these	
25.	The mean of 100 of	oservations is 50 and	their standard devia	tion is 5. The sum of squares of all	
	observations is:				
	(a) 50,000	(b) 2,50,000	(c) 2,52,500	(d) 2,55,000	
26.	A card drawn from a	a pack of 52 cards. A	gambler bets that i	t is a spade or an ace. What are odd	
	against his winning th	his bet?	(-) (-)	(1) 50 - 17	
27	(a) 9:4	(b) $17:32$	(C) 4 : 9	(d) 52 : 17	
21.	II Z is an idempotent	matrix, then $(1+Z)$			
	(a) $I + 2^n Z$	(b) $I + (2^n - 1)Z$	(c) $I - (2^n - 1)Z$	(d) None of these	
28.	If $A^2 - A = 3I$ then A	$^{-1}$ is			
	(a) A – I	(b) $\frac{1}{3}(A-I)$	(c) A + I	(d) $\frac{1}{3}(A+I)$	
29.	The system linear equ	uations			
	a + 2b + 3c = 7 2a + 4b + c = 12 3a + 6b + 4c = 20				
	(a) has a unique solut	tion	(b) has no solution		
	(c) has infinite number	er of solutions	(d) has two solutions		

PRATAP BHAWAN, BEHIND LEELA CINEMA, HAZRATGANJ, LUCKNOW. PH., 9953737836, 9838162263. e-mail. id: info@inpsclasses.com. www.inpsclasses.com

If the rank of matrix $\begin{bmatrix} a & 0 & 0 \\ 0 & b & 0 \\ 0 & 0 & c \end{bmatrix}$ is 2 then 30. (a) $abc \neq 0$ (b) $a \neq 0, bc = 0$ (c) $ab \neq 0, c = 0$ (d) $a \neq 0, b \neq 0, c \neq 0$ Solution of the differential equation $\frac{dx}{dy} - \frac{x \log x}{1 + \log x} = \frac{e^y}{1 + \log x}$, if y(1) = 0, is 31. (b) $x^{x} = ye^{e^{y}}$ (c) $e^{y} = x^{e^{y}}$ (d) None of these (a) $x^{x} = e^{ye^{y}}$ The general solution of differential equation $(\tan^{-1} y - x) dy = (1 + y^2) dx$ is 32. (b) $x = (\tan^{-1} y - 1) + Ce^{-\tan^{-1} y}$ (a) $x = (tan^{-1}y+1) + Ce^{-tan^{-1}y}$ (d) $x = (\tan^{-1} x + 1) + Ce^{-\tan^{-1} x}$ (c) $x = (tan^{-1}x - 1) + Ce^{-tan^{-1}x}$ A pair of fair dice is thrown independently 3 times. The probability of getting a score of exactly 9 33. twice is (d) 8/243 (a) 8/729 (b) 8/9 (c) 1/729 Every gram of wheat provides 0.1 gram of proteins and 0.25 gram of carbohydrates. The 34. corresponding values of rice are 0.05 gram respectively. The minimum daily requirements of proteins & carbohydrates for an average child are 50 gram & 200 gram respectively. The in what quantities wheat & rice be mixed in daily diet to provide minimum daily requirement of proteins & carbohydrates at minimum cost? (c) 400, 300 (a) 300, 400 (b) 200, 400 (d) 400, 200 Z = 7x + y, subject to constraints: 35. $5x + y \ge 5$, $x + y \ge 3$ $x \ge 0, y \ge 0 \cdot y$ Then minimum value of Z occurs at: (d) $\left(\frac{1}{2}, \frac{5}{2}\right)$ (b) (3, 0) (a) (0, 5) (c)(7,0)The point of inflection for $f(x) = 3x^4 - 4x^3$ are 36. (b) x = 0 and x = 2/3 (c) x = 3 and x = -1 (d) x = 4/5 and x = -1(a) x = 1 and x = 2 $\int_{0}^{1000} e^{x - [x]} dx$ is 37. (a) $e^{1000} - 1$ (b) $\frac{e^{1000} - 1}{e - 1}$ (c) 1000(e - 1) (d) $\frac{e - 1}{1000}$

38.	Let the equation of a curve passing through point (0, 1) be given by $y = \int x^2 e^{x^3} dx$. If the equation of						
	curve is written in the form $x = f(y)$, then $f(y)$ is?						
	(a) $\sqrt[3]{\log_{e}(3y-2)}$	(b) $\sqrt[2]{\log_{e}(3y-2)}$	(c) $\sqrt[3]{\log_{e}(2-3y)}$	(d) None of these			
39.	The value of $\int_0^{\pi} x (\sin \theta)$	$a^4 x \cos^4 x dx$ is					
	(a) $\frac{3\pi^2}{64}$	(b) $\frac{3\pi^2}{128}$	(c) $\frac{3\pi^2}{256}$	(d) $\frac{5\pi}{256}$			
40.	If $49^n + 16n + \lambda$ is di	ivisible by 64 for all n	\in N , then the least neg	sative value of λ is			
	(a) –2	(b) –1	(c) –3	(d) –4			
41.	Example of 5 th gener	ation language is					
	(a) ASP	(b) JavaScript	(c) SQL	(d) None of these			
42.	The output of follow	ing C language stateme	ent is:				
	<pre>printf("/nhello"+3);</pre>						
	(a) lo	(b) llo	(c) ello	(d) Run-time error			
43.	Give output of follow	ving C code:					
	in count (unsigned x)						
	{ int b; for (b = θ , x!= θ , x>>=1) if (x& θ 1) b++;						
	return b;						
	}						
	int main()						
	{						
	unsigned int a=3;						
	printf("%d",count(a));					
	return θ ;						
	}						
	(a) 2	(b) 3	(c) 4	(d) None of these			
44.	What is the data type	e of following expression	on:				
	$expr_1$? $expr_2$: $expr_3$						
	if expr ₁ as of type flo	bat & $expr_2$ is type int.					
	(a) int	(b) float	(c) double	(d) None of these			

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45.									
	(a),	(b) <	(c) ? :	(d) []					
46.	Which operato	r out of these has left to	right associativity?						
	(a) !	(b) ++	(c) ,	(d) ? :					
47.	Consider the fo	ollowing code segment:							
	if $(n > \theta)$	if $(n > \theta)$							
	For $(i = \theta; i < 3; i++)$								
	if (array[i]> θ)								
	{								
	printf("%d\n",	array[i];)}							
	else								
	printf("\n n is 1	negative\n");							
	Here, 'else' is	Here, 'else' is paired with which 'if'?							
	(a) first	(b) second	(c) both	(d) None of these					
48.	For this kind o	For this kind of declaration of main() function in a program 'copy.C'							
	int main(int argc, char *argv[]){-}								
	and this call of main function at command prompt:								
	C:\tc\bin>copy file1 file 2 file 3								
	What will be the value passed in parameter argc?								
	(a) 3	(b) 4	(c) 5	(d) None of these					
49.	What is the con	crect file mode that open	s preexisting file in read	and write mode:					
	(a) ab	(b) r + b	(c) w + b	(d) None of these					
50.	Which C expression correctly represents this statement:								
	"It decrements pointer p before fetching the character that p points to."								
	(a) *p	(b)*p	(c) *p	(d) None of these					
51.	How many times this statement will execute:								
	For (; $*s = = *t \& \& *t! = `\0'; s++,t++)$								
	if both character pointers 's' and 't' point to the same string "abc".								
	(a) 4	(b) 3	(c) Run-time error	r (d) None of these					
52.	Which out of t	hese statement is not true	2:						
	(a) The continu	(a) The continue statement applies only to loops, not to switch							
	(b) The break s	statement provides an ear	rly exit from for, while,	and do switch					
	(c) The continue statement causes the next iteration of the enclosing for, while, or do loop to begin								
	(d) None of these								

53.	Which out of these is	of these is not the keyword C99 has added in addition to 32 keyword defined by ANSI C:			
	(a) _Bool	(b) inline	(c) register	(d) restrict	
54.	Which out of these is	not a valid C version?	2		
	(a) 2007 – another re	vised version of c prog	gramming language car	ne with name CIX	
	(b) 1989 – C89 stand	ard (known as ANSI C	C or Standard C)		
	(c) 1990 – ANSI C ad	dopted by ISO, known	as C 90		
	(d) None of these				
55.	Who developed Work	d Wide Web version 3	3 which is known as "S	emantic Web"	
	(a) Tim Berners Lee	(b) Taub Schilling	(c) Dennis Richie	(d) None of these	
	Direction (56 to 57):	Choose the one which	ch best expresses the p	meaning of italicized bold part of	
	sentence from the op	ption.			
56.	His speech was full o	f affectation.			
	(a) boasting	(b) pretence	(c) pedantry	(d) euphemism	
57.	Reading of poetry is	not congenial to her ta	ste.		
	(a) suited	(b) possible	(c) effective	(d) proper	
58.	Select phrase which i	means most nearly the	he same as this idiomatic phrase: "general act of forgive		
	on a national occasion"				
	(a) benediction	(b) emancipation	(c) investiture	(d) amnesty	
59.	Pick the antonym of	vacillating			
	(a) fascinating	(b) fanaticism	(c) indolence	(d) resolute	
60.	Pick the synonym of	"patronage"			
	(a) donation	(b) support	(c) espionage	(d) benefit	
61.	Select the closest mea	aning of idiom "stick t	o one's gungs"		
	(a) maintain one's sta	und under stack	(b) suspect something	g	
	(c) make something f	ail	(d) attach someone's faith		
	Direction (62 – 63)	: Supply the correc	t word/correct tense	forms of the verb given in the	
	bracket.				
62.	Did you think you	(see) me som	ewhere before?		
	(a) have seen	(b) saw	(c) had seen	(d) would see	
63.	Having placed	proposal before	e you, I now	Your decision.	
	(a) alternate, waited f	for	(b) different, wait do		
	(c) alternative await		(d) many, am waiting	5	
64.	Choose preposition:	He was of charitable	disposition, but did 1	not like a number of his, relatives	
	trying to live	him without trying	g to earn their living.		
	(a) off	(b) through	(c) with	(d) near	

- **65.** Select the sentence which best expresses the sentence "A stone stuck me one the head" in Passive voice.
 - (a) I was struck by a stone on the head
- (b) I was struck on the head by a stone

(c) my head was struck by a stone

(d) I had been struck by a stone on the head.

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Direction for 66 – 67 : Fill the missing terms marked by question mark "?"
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66.

	Ζ	?	S				
	R	0	?				
	?	G	С				
67	(a) V	VJK		(b) KWT	(c) WKJ	(d) .	JKW
07.	72 96 108	24 16 ?	6 12 18				
	(a) 1	2		(b) 16	(c) 18	(d)	20
68.	In a	row of	men,	Manoj is 30 th from	n the right and Kira	n is 20 th from the	e left. When they interchainge
	their	positi	on, Ma	noj becomes 35 th	from the right. What	at is total number	of men in the row?
	(a) 4	5		(b) 44	(c) 54	(d) :	34
69.	If Jo	hn cel	ebrate	d his victory day	on Tuesday, 5 th Ja	anuary 1965, wh	nen will be celebrate his next
	victo	ry day	on the	e same day?			
	(a) 5	th Janu	ary 19	70 (b) 5 th Januar	y 1971 (c) 5 th Jan	uary 1973 (d)	5 th January 1974
70.	A ch mete point in a s	ild is l rs befo t. His f street.	ooking ore tur father How fa	for his father, he ning to his right ag was not there. From ar did the son meet	went 90 meters in gain to look for his m here he went 10 t is father from the	the east before tu father at his unc 0 meters to his n starting point?	urning to his right. He went 20 le's place 30 meters from this orth before meeting his father
	(a) 8	0 m		(b) 100 m	(c) 260 m	(d)	140 m
71.	Suni	l is the	e son o	of Kesav. Simran,	, Kesav's sister, ha	is a son Maruti d	& Daughter Sita. Prem is the
	mate	rnal ui	ncle of	Maruti. How is su	inil related to Maru	ti?	
	(a) U	Incle		(b) Brother	(c) Nephe	ew (d)	Cousin B
72.	Selee	et a sui	itable f	igure from the fou	r alternatives that v	would complete t	he figure matrix
					$\frac{1}{1} \bigcirc \frac{2}{2}$	(4)	

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			(x)	
			$\diamond \diamond \diamond$	
		(a)	(b) (c) (d)	
	(a) a, c, d	(b) b, c, d	(c) a, b, c	(d) None of these
74.	Find the missing	g terms of this series: l	o, a, a, b, ?, a, b, a, ?, b,	b, a, ?, ?,
	(a) bbaa	(b) aaaa	(c) abab	(d) baba
75.	Complete the se	ries: Z, L, X, J, V, H,	T, F,,,	
	(a) D, R	(b) R, D	(c) D, D	(d) R, R
76.	A disk Defragm	enter is an example of		
	(a) Application	software	(b) System softw	vare
	(c) Compiler		(d) Utility progr	am
77.	Convert the foll	owing decimal numbe	r to a number system w	ith radix 3.
	$(106)_{10} = (?)_3$			
	(a) 10221	(b) 10212	(c) 12201	(d) None of these
78.	Which of the fo	llowing is an encoding	g scheme created for Ind	lian scripts:
	(a) Unicode	(b) ISCII	(c) ESCII	(d) ASCII
79.	Convert (100.25	$5)_{10} = (?)_{16}$		
	(a) 64.6	(b) 46.4	(c) 64.4	(d) None of these
80.	Consider the fol	lowing C language de	clarations & statements	. Which statement is erroneous?
	float $f1 = 9.9;$			
	float $f2 = 66;$	51.		
	float*const ptrF	2 = &f2		
	ptrF1 = &f1			
	ptrF2++; ptrF1++:			
	(a) float*const p	otrF2=&f2	(b) ptrF1++;	
	(c) ptrF2++;		(d) None of thes	e
81.	What will be ou	tput of following state	ement?	
	char ch;			
	$ch=13\theta;$			
	printf("\nvalue of	of ch=%d", ch);		
	(a) –126	(b) –127	(c) 127	(d) None of these

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```
What will be output of following statements?
82.
        int n1 = 3, n2 = 6, a;
        print f(((n1 \land n2) + (a \land a)) = \% d'', (n1 \land n2) + (a \land a));
        (a) (n1 \wedge n2) + (a \wedge a) = -6
                                                        (b) Compilation error
        (c) run-time error
                                                        (d) (n1 \wedge n2) + (a \wedge a) = 5
83.
        What is the output of following C code segment?
        int i;
        for(i=\theta; i<=2; i++)
        {switch(i)
        {case 1: printf("%2d", i);
        case 2: printf("%2d", i); continue;
        default : printf("%2d", i);
        }
        }
                                (b) 0 1 1 2
                                                        (c) 0 1 1 2 1
        (a) 0 1 1 1 2
                                                                                 (d) Syntax error
84.
        What is the output of following C program:
        int main()
                char ch = 'A';
        {
        int x = 97;
        int y = sizeof(++x);
        printf("\nx is %d", x);
        while (ch<= 'F')
        switch(ch)
        {
        case 'A':
        case 'B':
        case 'C':
        case 'D': ch++; break
        case 'E':
        case 'F': ch++;
        } putchar (ch);
        }
        return \theta;
        }
        (a) x is 97 ABCDEF (b) x is 98 BCDEFG (c) x is 97 BCDEFG (d) Run-time error
```

```
85.
       What is the output of following C program:
       void e(int x)
       {
       if(x > \theta)
       {
       e(- - x);
       printf("\%2d", x);
       e(--x);
       }
        }
       int main()
       {
               e(3);
       return \theta:
       }
                                                      (c) Compile-time error
       (a) 0120
                               (b) 0 2 2 0
                                                                                     (d) Run-time error
       How this scanf("%i%c",&i,&c); will assign values to the variable i & c, when the input given by
86.
       user is:
       29 w
                               (b) i = 29 c = 'w'
                                                      (c) i = 29 c = garbage value (d) Syntax error
       (a) i = 29 c = '
87.
       Minimum & Maximum range of values for 'float' data type in C is:
                               (b) 1.17 * 10^{-37} to 3.4 * 10^{38} (c) 10^{-37} to 10^{38}
                                                                                     (d) 1\theta^{-38} to 1\theta^{38}
       (a) Unlimited
       Which out of these is not value for C language?
88.
       (a) The value of external/global variable is unaffected by any manipulation of local variable.
       (b) Local variable takes precedence over global variable
       (c) Global variable takes precedence over local variable
       (d) None of these
89.
       C was originally developed in the 1970s by Dessis Ritchie at Bell Telephone Laboratries, Inc. which
       is an outgrowth of two earlier languages, called:
       (a) "K & R C" and B
                                       (b) BCPL and B
                                                                                     (d) ANSI C and B
                                                              (c) A & B
90.
       Multiply 1101 by 1011
       (a) 10001111
                                                      (c) 10000111
                               (b) 11001111
                                                                              (d) 10101111
91.
       Subtract (2761)_{s} from (6357)_{s}
                               (b) (3276)_{a}
       (a) (3076)_{\circ}
                                                      (c) (2376)_{s}
                                                                              (d) (3376)_{\circ}
92.
       Which out of these is not correct pairing?
```

(c) ASCII-8 bit

(d) None of these

(b) EBCDIC-8 bit

(a) BCD-7 bit

93.	Which out of these does not support VoIP?					
	(a) Whatsapp	(b) Facetime	(c) IMO	(d) None of these		
94.	By using	addition or subtraction	of signed numbers are	e performed.		
	(a) is complement	(b) 2s complement	(c) direct addition/su	btraction (d) None of these		
95.	Which statement out	of these is not correct	about multiprocessor	systems:		
	(a) They provide faul	t-tolerance & high spe	ed.			
	(b) Tightly coupled n	nultiprocessor systems	are much more energy	y-efficient than clusters.		
	(c) Loosely couple	ed multiprocessor s	ystem/clusters are i	interconnected via a high-speed		
	communication	system				
	(d) None of these					
96.	Which file format is	not suitable for SD car	rd in Android phone?			
	(a) FAT32	(b) NTFS	(c) exFAT	(d) None of these		
97.	Which out of these is	not a type of ROM?				
	(a) Masked ROM	(b) EEPROM	(c) Flash BIO	(d) Flash drive		
98.	Select the next to small	allest memory size from	m given below options			
	(a) petabyte	(b) exabyte	(c) yottabyte	(d) zettabyte		
99.	When you simplify a	lgebraically given belo	ow expression to a min	nimum sum of products, how many		
	terms did you get?					
	(A+B'C+E')(A+I)	B'+D'+E)(B'+C'+D)	'+E')			
	(a) 7	(b) 4	(c) 5	(d) 6		
100.	The simplified form	of given below express	sion is:			
	A'CD'E+A'B'D'+	ABCE + ABD				
	(a) $A'B'D' + ABD +$	BCD'E	(b) A'B'D'+ ABD+	- ACD'E		
	(c) $A'B'D' + ABD +$	BAD'E	(d) None of these			