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1.	The matrix equation $X^2 = I_2$, where of order 2 over the field of real nur	I ₂ , the iden	ntity matrix of order 2 and X is a square matrix
	(A) No solutions	(B)	One solution
	(C) Two solutions	(D)	Infinitely many solutions
2.	Let $G = \left\{ \begin{bmatrix} a & -b \\ b & a \end{bmatrix} : a, b, \in \mathbb{R} \right\}$ and let	et + and .	denote the matrix addition and multiplication
	respectively. Then		
	(A) (G, +) is a group but (G, .) is	not a grou	ip.
	(B) (G, .) is a group but (G, +) i		
	(C) (G, .) is isomorphic with (C,) where C	is the group of complex numbers.
	(D) None of the above		
	(5)		
3.	Let D be the group of symmetries	of the squ	are. Then
	(A) D has 4 subgroups of order 2	2 (B)	D has 3 subgroups of order 4
	(C) Order of D is 16		Order of D is 12
4.	Which of the following sets is a su	bspace of	the vector space R ² ?
	(A) $\{(x, y) \in \mathbb{R}^2 : x^2 + y^2 = 1\}$	(B)	$\{(x, y) \in \mathbb{R}^2 : xy = 1\}$
	(C) $\{(x, y) \in \mathbb{R}^2 : y = x\}$	(D)	$\{(x, y) \in \mathbb{R}^2 : y = x^2\}$
	() () ()		
5.	G is a group of order 31. Then		
7.7	(A) G is cyclic		G is non-cyclic
	(C) G is non-abelian	(D)	None of the above
6.	Let $T: \mathbb{R}^3 \to \mathbb{R}^3$ be the linear trans	formation	defined by $T(x, y, z) = (x, y, 0)$. Then
	(A) (0, 0, 4) is in the range space	e. (B)	$\left(2, \frac{1}{\sqrt{2}}, 0\right)$ is in the zero space.
	(C) (1, 1, 1) is in the range space	e. (D)	(0, 0, 1) is in the zero space.

- 7. The geometrical effect of the linear transformation associated with the matrix $\begin{bmatrix} -1 & 0 \\ 0 & 2 \end{bmatrix}$ is :
 - (A) a rotation by an angle $\frac{\pi}{2}$
 - (B) stretching along Y-axis and a reflection with respect to Y-axis
 - (C) a stretching along X-axis
 - (D) a reflection with respect to X-axis

8.	 If T: V → V is an orthogonal transformation on an inner product space V and if (I): T is an isometry (II): T takes orthonormal basis to orthonormal basis then 						V and if		
	(II)	: T takes orthono	ormal	basis to ort	thonor	mal b	oasis then		
		(I) is true but (I							
	(C)	Both (I) and (II) are	true	(D)	Both	(I) and (II) are	e false	
							-2		
9.		* be the cross pro	oduct	in the Eucli					
	0.00	* is associative					commutative		
	(C)	* is not associat	ive		(D)	Non	ne of the above		
10.	Cho	osa tha linear ma	nnina	from the f	allowi				
10.	(A)	ose the linear ma $F: \mathbb{R}^2 \to \mathbb{R}^2$ def	ipping	F(r u)=	(2 ,2	ng:			
	(B)	$F: \mathbb{R}^3 \to \mathbb{R}^2$ de	fined	by $F(x, y) =$	1-(2)	211	2		
	(C)	$F: \mathbb{R}^3 \to \mathbb{R}^2$ def	ined I	by F(x, y, 2	- (lxl	24-	32, 41 - 3y + 62)		
	(D)	$F: \mathbb{R}^2 \to \mathbb{R}^2$ def	fined I	by $F(x, y, z)$	(xx x)	9+2)			
	(-)		ilicu i	sy 1 (a, y) -	(~9, 9)				
	12.00			1 2					
11.		nain of the function							
	(A)	R	(B)	[0, 1]		(C)	[-1, 1]	(D)	(0, 1)
12	bri	$ydy - y^2 dx$ is:							
	3	, wy y 15.							
	(4)	0	/D)	3		100	-	(5)	
	(A)	0	(B)	2		(C)	1	(D)	π
13.	Lapl	ace equation U _{xx} Elliptic	$+U_{yy}$	= 0 is:					
	(A)	Elliptic	(B)	Parabolic		(C)	Hyperbolic	(D)	None of these
10.0		4 4 4 4 4		100					
14.	Nun	nber of different p	ermu	tations of 'r	n' item	s take	en 'k' at a time	without	repetition is:
				n!			n!		n
	(A)	n!	(B)	n! k!		(C)	$\frac{n!}{(n-k)!}$	(D)	2"
							NOT DEPOSIT		
15.	Ever	y polynomial of	degree	e ≥1 has		Z	ero.		
	(A)	exactly one	(B)	infinitely i	many	(C)	atleast one	(D)	none of these
- 1			10			,		N. T.	A CONTRACT PROPERTY
16.	1 2 1	er triangular mat							
	(A)	Matrices having							
	(B)	Square matrices	havir	ig non-zero	entrie	s abo	ve the main dia	igonal.	
	(C)	Matrices having	non-z	zero entries	only	on and	d above the ma	in diago	onal.
	(D)	Square matrices	havin	ig non-zero	entrie	s only	on and above	the ma	in diagonal.
17.	The	Wronskian of fun	ctions	sinx and co	osx is				
	(A)		(B)	0		(C)	1	(D)	π
	19								
18.		perator T on a H						is	
	3000	a linear transfor	matio	n	(B)		ynomial in T		
	(C)	orthogonal			(D)	none	of these		
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A

- Unit tangent vector of the helix $s(t) = \cos t \hat{i} + \sin t \hat{j} + t \hat{k}$ is:
 - (A) sin t

- (B) $\frac{\sin t}{\sqrt{2}} \hat{i} + \frac{\cos t}{\sqrt{2}} \hat{j} + \frac{t\hat{k}}{\sqrt{2}}$
- (C) $\frac{\sin t}{\sqrt{2}} \hat{i} + \frac{\cos t}{\sqrt{2}} \hat{j} + \frac{1}{\sqrt{2}} \hat{k}$
- (D) none of these

- 20. $\int_{0}^{\pi/2} \log \tan x \, dx$ is:
 - (A) 1

(B)

- (C) 0
- (D) T
- If x > 0 and if y is an arbitrary real number, then there is a positive integer n such that 21. nx > y. This property of real number is called:
 - (A) Supremum property
- Archimedean property
- (C) Approximation property
- Comparison property (D)
- Let A be the set of all sequences whose elements are the digits 0 and 1. Then the set A is :
 - (A) Finite

Countable

(C) Uncountable

(D) Having 2ⁿ elements

- The $\lim_{n\to\infty} ((2n)^{\frac{1}{n}})$ is: 23.
 - (A) 0
- (B) 2
- 2 e (C)
- (D) 1

- $\lim_{x \to 0} x \cos\left(\frac{1}{x}\right)$ is:
 - (A) 0
- (B) Does not exist (C) 1
- (D)

- The series $\frac{1}{2} + \frac{1}{3} + \frac{1}{2^2} + \frac{1}{3^2} + \frac{1}{2^3} + \frac{1}{3^3} + \dots$ 25.

 - (A) Tends to ∞(B) Converges
- (C) Diverges
- (D) Oscillates
- Which of the following functions is uniformly continuous?
 - (A) $f(x) = \frac{1}{x}$ for $x \in [1, \infty)$
- (B) $f(x) = \frac{1}{x}, x \in (0, 1)$
- (C) $f(x) = x^2, x \in \mathbb{R}$
- (D) $f(x) = \sin\left(\frac{1}{x}\right)$, $x \in \mathbb{R}$ such that x > 0

27.	Let f be a function defined on $[0, 1]$ by $f(x) = 0$ when x is rational $= 1$ when x is irrational The Lebesgue integral of f over $[0, 1]$ is : (A) 0 (B) Does not exist (C) ∞ (D) 1						
28.	Suppose $f \ge 0$ and f is continuous on $[a, b]$ and $\int_a^b f(x) dx = 0$. Which of the following is true? (A) $f(x) = 0$ for all $x \in [a, b]$						
	(B) $f(x) = 1$ for all $x \in [a, b]$						

(C) f is monotonic increasing on [a, b] (D) Image of f is [0, ∞)

Which of the following is true?

(A) Every Lebesgue integrable function is Riemann integrable Every Riemann integrable function is Lebesgue integrable

(C) Limits of Riemann integrable functions are always Riemann integrable

Limits of measurable functions need not be measurable

The measure of the cantor set is: (A) ∞ (C) 0 (D) not measurable If $\omega \neq 1$ is an n^{th} root of unity, then $1 + 2\omega + 3\omega^2 + \dots + n \omega^{n-1} =$

(B) $\frac{1}{(1-\omega)^2}$ (C) $\frac{-n}{\omega-1}$ (D) $\frac{n}{\omega-1}$ (A) 0

Which one of the following functions is not the real part of an analytic function? (A) $u(x, y) = x^2 - y^2$ (B) $u(x, y) = x^2 + y^2$ (C) $u(x, y) = x^3 - 3xy^2 - y$ (D) $u(x, y) = e^x \cos y$

Which one of the following is not true about $f(z) = \sin z$? (A) it is a bounded function (B) it is an entire function

(C) it is a periodic function (D) its zeroes are isolated

Choose the correct statement: 34.

(A) $f(z)=e^{1/z}$ has an essential singularity at $z=\infty$

(B) $f(z) = \frac{e^z - 1}{z}$ has a simple pole at z = 0

(C) $f(z) = z^2 + 1$ has a pole of order 2 at $z = \infty$

(D) $f(z) = \frac{1}{\sin \frac{1}{z}}$ has an isolated singularity at z = 0

30.

Let C be the circle |z|=1. Then,

$$\int_{C} e^{4/z} dz =$$

- (A) 4 πi
- (B) -4 πi
- (C) -8 πi
- (D) 8 πi
- Consider the metric space (M, d), where M = [0, 1] and d is the usual metric. Then the open 36. ball $B\left(0,\frac{1}{2}\right) =$
 - (A) $\left[0, \frac{1}{2}\right]$ (B) $\left(0, \frac{1}{2}\right)$ (C) $\left(0, \frac{1}{2}\right]$ (D) $\left[0, \frac{1}{2}\right]$

- The topology on R induced by the Euclidean metric is called: 37.
 - (A) discrete topology

(B) indiscrete topology

(C) usual topology

- (D) sorgenfrey topology
- Choose the correct statement: 38.
 - (A) Every connected space is path connected.
 - (B) Local connectedness is a hereditary property.
 - (C) Every path connected space is connected.
 - Local connectedness is preserved under continuous functions.
- Which one of the following is not a divisible property? 39.
 - (A) Being a discrete space
- (B) Being a locally connected space
- (C) Being a finite space
- (D) Being a regular space
- Choose the incorrect statement: 40.
 - (A) Every second countable space is Lindeloff.
 - (B) Every subspace of a normal space is normal.
 - (C) Every metric space is normal.
 - (D) Every compact subset in a Hansdorff space is closed.
- $\beta(m, n)$ is equal to: 41.

(A)
$$\frac{\Gamma m + \Gamma n}{\Gamma(m+n)}$$

(B)
$$\frac{\Gamma m - \Gamma n}{\Gamma(m-n)}$$

(C)
$$\frac{\Gamma m \Gamma n}{\Gamma(m+n)}$$

(A)
$$\frac{\Gamma m + \Gamma n}{\Gamma (m+n)}$$
 (B) $\frac{\Gamma m - \Gamma n}{\Gamma (m-n)}$ (C) $\frac{\Gamma m \Gamma n}{\Gamma (m+n)}$ (D) $\frac{\Gamma (m+n)}{\Gamma m \Gamma n}$

According to Rodrigue's Formula: 42.

(A)
$$P_n(x) = \frac{1}{2^n n!} \frac{d^n}{dx^n} (x^2 + 1)^n$$
 (B) $P_n(x) = \frac{1}{2^n n!} \frac{d^n}{dx^n} (x^2 - 1)^n$

(B)
$$P_n(x) = \frac{1}{2^n n!} \frac{d^n}{dx^n} (x^2 - 1)^n$$

(C)
$$P_n(x) = \frac{n}{2^n} \frac{d^n}{dx^n} (x^2 + 1)^{-n}$$

(D)
$$P_n(x) = \frac{n-1}{2^n} \frac{d^n}{dx^n} (x^2 - 1)^{-n}$$

43.
$$L\left(\frac{1-\cos t}{t}\right)$$
 is:

$$(A) \quad \frac{1}{2} \log \left\{ \frac{\left(s^2 + 1\right)}{s^2} \right\}$$

(B)
$$-\frac{1}{2}\log\left\{\frac{\left(s^2+1\right)}{s^2}\right\}$$

$$(C) \quad \frac{1}{2} \log \left\{ \frac{s}{s^2 + 1} \right\}$$

(D)
$$-\frac{1}{2}\log\left\{\frac{s}{s^2-1}\right\}$$

The solution of (12x + 5y - 9)dx + (5x + 2y - 4)dy = 0 is :

(A)
$$6x^2 - 5xy - y^2 + 9x - 4y = c$$
 (B) $3x^2 - 4xy + 9x - 3y = c$

(B)
$$3x^2 - 4xy + 9x - 3y = c$$

(C)
$$6x^2 + 5xy - y^2 - 9x - 4y = c$$
 (D) $6x^2 + 5xy + y^2 - 9x - 4y = c$

(D)
$$6x^2 + 5xy + y^2 - 9x - 4y = c$$

In the Fourier series expansion for the function x^2 in the interval $[-\pi, \pi]$ the value of a_n 45.

(A)
$$\frac{2(-1)^n}{n}$$

(A)
$$\frac{2(-1)^n}{n}$$
 (B) $\frac{4(-1)^n}{n^2}$ (C) $\frac{4}{n^2}$

(C)
$$\frac{4}{n^2}$$

(D)
$$\frac{2(-1)^n}{n^2}$$

Solution of the Clairaut's equation $p = \log(px - y)$ where $p = \frac{dy}{dx}$ is:

(A)
$$y = cx$$

(B)
$$c = \log(cx - y)$$

(C)
$$(y-cx)(c-1)=1$$

(D)
$$(y-1)c=c-1$$

With usual notations F(a, b; c; y) is given by : 47.

(A)
$$1 - \sum_{n=1}^{\infty} \frac{(a)_n (b)_n y^n}{(c)_n n!}$$

(B)
$$\sum_{n=1}^{\infty} \frac{(a)_n (b)_n y^n}{(c)_n n!} - 1$$

(C)
$$1 - \sum_{n=0}^{\infty} \frac{(a)_n (c)_n y^n}{(b)_n n!}$$

(D)
$$1 + \sum_{n=1}^{\infty} \frac{(a)_n (b)_n y^n}{(c)_n n!}$$

The equation $(1-x^2)y''-2xy'+n(n+1)y=0$ is called _____.

(A) Bessel equation

- (B) Legendre equation
- (C) Chebyshev's equation
- (D) Laguerre equation

In the 4th order Runge-Kutta method the global error will be :

- (A) $O(h^2)$
- (B) O(h3)
- (C) O(h4)
- (D) O(h6)

- Using Picard's method the approximate solution to the initial value problem 50. $y^1 = 1 + y^2$, y(0) = 0 is:
 - (A) $y(x) = \tan x$
 - (B) $y(x) = x \frac{1}{3}x^3 \frac{2}{15}x^5 + \dots$
 - (C) $y(x)=x+\frac{1}{3}x^2+\frac{2}{15}x^4+\dots$
 - (D) $y(x) = x + \frac{2}{3}x^3 + \frac{1}{15}x^5 + \dots$
- The partial differential equation formed from the equation that represents the set of all spheres 51. whose centre lie along the z-axis is given by :
 - (A) xp yq = 0
- (B) yp zq = 0 (C) yp xq = 0 (D) xp zq = 0
- The complete integral of the equation $(p^2 + q^2)x = pz$ is: 52.
 - (A) $z^2 = a^2x + (ay + b)^2$
- (B) $z = a^2x^2 + (ay + b)^2$
- (C) $z^2 = a^2x^2 + (ay + b)$

- (D) $z^2 = a^2x^2 + (ay + b)^2$
- The integral surface of the equation 53.

 $(2xy-1)p+(z-2x^2)q=2(x-yz)$, which passes through the line $x_0(s)=1$, $y_0(s)=0$ and $z_0(s) = s$ is:

- (A) $x^2 + y^2 + z^2 xz y + z = 1$
- (B) $x^2 + y^2 xyz y + z = 1$
- (C) $x^2 + y^2 xz y + z = 1$
- (D) $x^2 + y^2 xz yz + z = 1$
- Which of the following are solutions to the partial differential equation: $\frac{\partial^2 u}{\partial x^2} = 9 \frac{\partial^2 u}{\partial x^2}$ 54.
- (A) $\cos(3x-y)$ (B) x^2+y^2 (C) $\sin(3x-3y)$ (D) $e^{-3\pi x}\sin\pi y$
- The partial differential equation $5\frac{\partial^2 z}{\partial x^2} + 6\frac{\partial^2 z}{\partial u^2} = xy$ is classified as:
 - (A) elliptic
- (B) parabolic
- (C) hyperbolic
- (D) none of the above

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56. The finite difference approximation of $\frac{\partial^2 u}{\partial x^2}$ in the elliptic equation $\frac{\partial^2 u}{\partial x^2} + \frac{\partial^2 u}{\partial y^2} = 0$ at (x, y) can be approximated as:

(A)
$$\frac{\partial^2 u}{\partial x^2} = \frac{u(x + \Delta x, y) - 2u(x, y) + u(x - \Delta x, y)}{(\Delta x)^2}$$

(B)
$$\frac{\partial^2 u}{\partial x^2} = \frac{u(x + \Delta x, y) - u(x, y) + u(x - \Delta x, y)}{(\Delta x)^2}$$

(C)
$$\frac{\partial^2 u}{\partial x^2} \cong \frac{u(x, y + \Delta y) - 2u(x, y) + u(x, y - \Delta y)}{(\Delta x)^2}$$

(D)
$$\frac{\partial^2 u}{\partial x^2} = \frac{u(x + \Delta x, y) - u(x - \Delta x, y)}{2\Delta x}$$

- 57. Which of the following is an example of a parabolic type partial differential equation?
 - (A) Wave equation

- (B) Heat equation
- (C) Laplace's equation
- (D) None of the above
- 58. The following function(s) can be used for interpolation:
 - (A) Polynomial

(B) Exponential

(C) Trigonometric

- (D) All of the above
- 59. Given, $\frac{d^2y}{dx^2} = 6x 0.5x^2$, y(0) = 0, y(12) = 0 the value of $\frac{d^2y}{dx^2}$ at y(4) using the finite difference method and a step size of h = 4 can be approximated by :
 - (A) $\frac{y(8)-y(0)}{8}$

- (B) $\frac{y(8)-2y(4)+y(0)}{16}$
- (C) $\frac{y(12)-2y(8)+y(4)}{16}$
- (D) $\frac{y(4)-y(0)}{4}$
- 60. The following x y data is given:

x	15	18	22	
y	24	37	25	

The Newton's divided difference second order polynomial for the above data is given by : $f_2(x) = b_0 + b_1(x-15) + b_2(x-15)(x-18)$

The value of b_1 is most nearly:

- (A) -1.0480
- (B) 0.14333
- (C) 4.3333
- (D) 24.000

61.	Where is the minimum criterion used ? (A) When there is an AND operation (B) When there is an OR operation (C) In De Morgan's theorem (D) None of the above
62.	 Which of the following statements is true? (A) A number is rational if and only if its square is rational. (B) An integer n is odd if and only if n² + 2n is odd. (C) A number is irrational if and only if its square is irrational. (D) A number n is odd if and only if n(n+1) is even.
63.	Consider the following language $L = \{a^nb^nc^nd^n n \ge 1\}$ L is : (A) CFL but not regular (B) CSL but not CFL (C) regular (D) type 0 language but not type 1
64.	Which of the following is a level set of $f(x_1, x_2) = x_1 - x_2$ (A) $\{(x_1, x_2) x_1 - 2 = x_2 + 1\}$ (B) $\{(x_1, x_2) x_1^2 = x_2\}$ (C) $\{(x_1, x_2) x_1 - 2 = 0\}$ (D) $\{(x_1, x_2) x_1^2 = x_2^2\}$
65.	Which of the following is false? (A) Product of T ₁ - spaces is a T ₁ - space (B) Product of completely regular spaces is completely regular (C) Product of first countable spaces is first countable (D) Product of two second countable spaces is second countable
66.	What's the highest dimension a fractal can have ? (A) 1 (B) 2 (C) 3 (D) 4
67.	The Lorentz Butterfly is an example of what type of fractal? (A) Julia set (B) Mandelbrot set (C) Strange Attractor (D) None of the above
68.	What integral equation is equivalent to the initial value problem $y' = t^2 - y$, $y(-1) = 2$.
	(A) $y(t) = -1 + \int_{2}^{t} (s^2 - y(s)) ds$ (B) $y(t) = 2 + \int_{-1}^{t} (s^2 - y(s)) ds$
	(C) $y(t) = 2 + \int_{-1}^{t} sy(s)ds$ (D) None of the above
69.	Who were the two mathematicians that invented calculus ? (A) Newton and Laplace (B) Newton and Euler (C) Newton and Gauss (D) Newton and Leibniz
70.	For the differential equation $4x^3y'' + 6x^2y' + y = 0$ the point at infinity is: (A) an ordinary point (B) a critical point

(C) an irregular singular point

(B) a critical point (D) a regular singular point

71.	A good scientific research is chara	acterized b	y:						
	(A) It requires clear articulation of a goal								
	(B) It follows specific plan and	procedure							
	(C) It accepts certain critical ass	umptions							
	(D) All the above								
72.	To understand human behavior as	nd reasons	over a long period of time	one has to do :					
	(A) Historical study	(B)	Quasi experimental study						
	(C) Longitudinal study		Cross sectional study						
73.	Teaching and learning arrangemen	Teaching and learning arrangements, usually in small groups, that are structured to produc							
	active participation in learning is								
	(A) Symposium (B) Semin	nar	(C) Conference (D) Workshop					
74.	Directly useful application of scien			d ;					
	(A) Knowledge (B) Scien	ce	(C) Technology (D) Research					
75.	Which of the following qualities a	researche	r must have ?						
	(A) Curious about the world	(B)	Logical and systematic						
	(C) Intellectually honest	(D)	All the above						
76.	The most effective teaching metho			n of students is :					
	(A) Lecture method	(B)	Text book method						
	(C) Discussion method	(D)	Demonstration method						
77.	Which of the following is the most important indicator of quality of education in a school								
	(A) Infrastructural facilities								
	(B) Qualification of teachers								
	(C) Discipline maintained in the	school							
	(D) Students' achievements								
78.	0	ality of eff	ective teacher ?						
	(A) Less interaction in the class								
	(B) Adopt interactive method of	. 50							
	(C) Reduce the anxiety level of s								
	(D) Motivate the students to take	initiative							
79.	Which of the following can be ach								
	(A) To inculcate of virtues	(B)	Develop job skills						
	(C) Aware on physical fitness	(D)	Development of personali	ty					
80.	Teaching method where purpose			gnized difficulty or					
	perplexity in situation through the	The state of the s							
	(A) Inquiry method (C) Reflective method	(B)	Problem solving method None of the above						
	the state of the s	11/1	1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						

81.				tion of India di				ge panchayats and nments.
		Article 39		Article 40				
82.				onstitution of I			pon citiz	ens to uphold and
		51-A(b)	The state of the s	51-A(j)			(D)	51-A(f)
83.		ndia services o stitution of Inc		eated by The Pa	rliamen	t as empowere	d under	of The
	(A)	Article 312	(B)	Article 312-A	(C)	Article 313	(D)	Article 310
84.		The second of th		axes for promot Constitution of		ny particular re	eligion is	guaranteed under
	(A)	26	(B)	27	(C)	28	(D)	29
85.		n to decide wl	nether					e Court was called under Article 19(6)
	(B) (C) (D)	Employees h	ad a fund ities can	damental right levy a tax retro mental right to	to resort	to strike with ly	out notic	re
86.	with	A A			400			as to be preferred on or from date of
		fifteen	(B)	thirty	(C)	forty-five	(D)	sixty
87.				e National Gree full-time expert			he Tribu	nal shall consist of
				twenty			(D)	ten
88.	3. As per Section 22(1)(b) of The Transplantation of Human Organs Act 1994, no court shall take cognizance of an offence except on complaint filed by a person who has given notice of not less than days to the Appropriate Authority, of the alleged offence and his intention to make the complaint.							
		thirty	(B)		(C)	ninety	(D)	fifteen
89.	Act	1989, a special nce, and direct as may	him not be spec	in pass an exte to return to the ified in the ord	rnment ne conce er.	order against rned area for	a persor such per	ntion of Atrocities) I likely to commit- riod not exceeding
	(A)	six months	(B)	one year	(C)	two years	(D)	five years

A

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90.		ording to Rule 2(j) of The Noise Po ht Time' has been defined as the		n (Regulation and control) Rules 2000, I between
		10 pm and 6 am		10 pm and 5 am
		10 pm and 7 am		9.30 pm and 6.30 am
			1-1	The pit with olde little
91.		was the founder of 'Sadhu Jana		
	(A)		(B)	Ayyankali
	(C)	Chattampi Swamikal	(D)	Sahodaran Ayyappan
92.	Tho	nocial arganization in Variate 'Can	and bear	- Complete and the state of the
74.	(A)		natnwa	a Samajam' was established in the year :
	(11)	1836 (B) 1851		(C) 1855 (D) 1898
93.	Whi	ch among the following is not wri	tten b	v C. Sankara Kurun ?
,,,		Suryakanthi	A STATE OF THE REAL PROPERTY.	Nimisham
		Viswa Darsanam	(D)	Kunnimanikal
	(0)	Viswa Darsanani	(5)	Kumumarukar
94.	Auth	nor of the famous book 'Jaathikkur	nmi' :	
		K.P. Karuppan		T.R. Krishnaswami Iyer
	15 15	P.K. Chattan Master		K.P. Vellon
	, ,		(-)	
95.	The	Renaissance leader in Kerala, who	got th	he name 'Kumara Guru' :
		Mampuram Thangal		Pampadi John Joseph
	(C)	Poikayil Yohannan		Moorkoth Kumaran
			30.0	
96.	The	name given to the Airforce's i	rescue	e operation provided to the flood victim
		ttarakhand :		
		Operation Surya Hope	(B)	Operation Rahat
	(C)	Operation Ganga Prahar	(D)	Operation Blossom Spring

97.	Whic	th year has formally declared by U	N Ge	neral Assembly as 'International year of famil
		ing'?		
	(A)	2014 (B) 2010		(C) 2006 (D) 2009
-	****			
98.				contributory pension system in Kerala :
	(A)	0	(B)	Hazari Commission
	(C)	Sree Krishna Commission	(D)	Bhattacharya Commission
00	****		4	
99.	wnic	in Constitutional Amendment	inco	orporated Panchayati Raj System in ou
		itution ?	/m	nath a
		43rd Amendment	(B)	74th Amendment
	(C)	73rd Amendment	(D)	44 th Amendment
100	Thor	andal agency for estimation of	owker	t the notional and state 1 12 7 11
100.	(A)	Rural Ministry		t the national and state level in India :
	TO A COUNTY OF	Finance Commission	1/2 - 22	Planning Commission
	(C)	Phance Commission	(D)	Home Ministry
			000	