



A	An a	arrangement of rows and columns that specifies the truth value of a compound proposition for all possible truth values of its constituent propositions is called
Δ.	2011	ver ( Please select your correct option )
Ai	ISW	ret ( Flease Select your confect option )
c	0	Truth Table
100		Venn Diagram
	0	
(	0	False Table
		None of these
(	0	made By: Waqar Siddhu

The statement of the form p $\vee$ ~ p is		
		v (Observation)
A		ver ( Please select your correct option )
	0	Tautology
	0	
	_	Contradiction
	0	
		Fallacy
	0	
		Made By: Waqar Siddhu

A	cuit with one input and one output signal is called
Ans	er ( Please select your correct option )
С	NOT-gate (or inverter)
C	OR- gate
	AND- gate
	None of these
C	Made By: Waqar Siddhu

If	A	and B are two sets then the set which contains all those elements that belong to A or B is
		▼
An	ısv	ver ( Please select your correct option )
c	0	$A \cup B$
c	0	$A \cap B$
c	0	A-B
(	0	None of these  Made By: Wagar Siddhu
		made 53. waqar shaqar

If	Α	and B are two sets then the set which contains all those elements that belong to both A and B is
An	ISW	er ( Please select your correct option )
C	0	$A \cup B$
		$A \cap B$
(	0	
	اً ،	A – B
Ì	,	
	٠	None of these
,		made By: Waqar Siddhu

I	et I	U be the universal set, A and B are its subsets then $(A \cup B)^c$ is equal to
Ш		
A	nsw	er ( Please select your correct option )
	ſ	$A^c \cup B^c$
	0	A 08
	~	
	Ĺ	
		$A \cap B$
	0	
	L	
Ш,	-237	$A \cap B^c$
	0	
	ř	
	0	$A \cap B^{\epsilon}$
	9	made By: Waqar Siddhu
		made by. waqar shaanu

П		
]	If A	$A = \{a,b,c\}$ is a set and $B = \{(a,c),(b,b),(c,a)\}$ is a relation on $A$ then $B$ is
		×
Δ	nsv	ver ( Please select your correct option )
		Transitive
	0	
		Reflexive
	0	acticate
	~	
Ш		Symmetric
	0	
		Transitive and Reflexive
Ш	0	
		made By: Wagar Siddhu
		Missing 29. Gettler Symmitte

The	inverse of given relation $R = ((1,1), (1,2), (1,4), (3,4), (4,1))$ is	A
Ane	ver ( Please select your correct option )	¥
Alls	((1,1), (1,2), (4,1), (4,3), (1,4))	
O		
	{(1,1),(2,1),(4,1),(4,3),(1,4)}	
0		
	((1,1),(2,1),(4,1),(2,3))	_
0	made By: Wagar Siddh	4

If j	$f(x) = 2x + 1$ , $g(x) = x^2 - 1$ then $g \circ f(x) =$	A
Ans	swer ( Please select your correct option )	
c	$4x^2+2$	
С	2x²-1	
c	4x²+4x Made By: Waqar Sid	dhu

Let $A = (x, y, z)$ and $B = (a, b, c)$ be two sets then a function f defined as $((x, a), c)$	(y,a),(z,a) is
nswer ( Please select your correct option )	
Onto	
Constant	
One-to- one	
Onto and constant	Made By: Wagar Siddhu
C	Onto One-to- one Onto and constant

			Title
L	etfandg	be the functions defined by $f(x) = 2x + 3$ and $g(x) = 3x + 2$ then composition of f and g is	A
			9
An	swer ( Ple	ease select your correct option )	
	6x + 6		
(	0		
	5x+5		
(	0		
	6x + 7		
		Mardo Rese Marara Cidalla	-
		Made By: Wagar Siddh	Ų,

	Let	$X = \{11,12,13\}$ and $Y = \{21,22,23\}$ be two sets, determine whether the relation $R = \{(11,21),(12,22),(13,22)\}$ is
		·
A	nsw	rer ( Please select your correct option )
		One-One function
	C	
	ļ	
		Not one-one function
	0	
		Undetermined
	O	
		made By: Wagar Siddhu

T	he	negation of 1 < x < 10 is x ≤ 1 or x ≥ 10 by using:
		y .
An	ısw	ver ( Please select your correct option )
c		Distributive Law
c	0	Inequality Law
c	0	De-Morgan's Law
C	- 1	None of these  Made By: Wagar Siddhu

A	. fu	nction whose domain is a subset of the set of natural numbers and range subset of real or complex numbers is called
An	ISW	er ( Please select your correct option )
c		onto mapping
c		into mapping
c		sequence
c		relation  Made By: Waqar Siddhu

	A se	equence in which common difference of two consecutive terms is same is called
A	Insw	ver ( Please select your correct option )
		geometric mean
Ш	O	
	C	harmonic sequence
Ш	U	
Ш		
Ш	0	geometric sequence
Ш	88	
		arithmetic progression
	0	
		made By: Waqar Siddhu

	For	real numbers a and b these $a+b$ , $b-a$ , $a \times b$ and $a+b$ are
i L		
Answer ( Please select your correct option )		
		Geometric expressions
	0	
	×	
	إ	
		Arithmetic expressions
	0	
	ĺ	Harmonic expressions
	0	
	V	144 - 5 M Mr
		made By: Wagar Siddhu

	The	same element can never appear in a set.
		<u>v</u>
,	Ansv	ver ( Please select your correct option )
П		twice
	C	
Ш		
П		
Ш		once
Ш	0	
Ш		
П		
Ш		thrice
	0	
		made By: Waqar Siddhu
П		made by. waque shaqu

		= It is raining
		= She will go to college raining and she will not go to college" will be denoted by
		y
1	-	er ( Please select your correct option )
Ш		$p_{\wedge}$ : $q$
Ш	0	
Ш	Į	
Ш	C	$p \wedge q$
Ш		
Ш	i	$:(p {\scriptstyle \wedge} q)$
Ш	0	· (Ava)
Ш		
		$: p \wedge q$
	C	made By: Waqar Siddhu
		made 23. wadar smana

<i>p</i> .	$\lambda q$ shows	A
Ans	wer ( Please select your correct option )	×
o	Conjunction of p and q	
c	Disjunction of p and q	
c	Contingency of p and q  Made By: Wagar Siddh	u













