Que	estion No : 1 of 26	Marks: 1 (Budget	ted Time 1 Min)
Th	e proposition p \leftrightarrow q is called ?		A
			₹
Ans	wer (Please select your correct option)		
o	Negation		
0	Conjunction		
0	Disjunction		
0	Biconditonal Made By:	Waqar	Siddhu

Question No : 2 of 26	Marks: 1 (Budgeted Time 1 Min)
Let ${f p}$ be the statement "you study " and ${f q}$ be the statement " you pass the exams." Express the following proposition as an English sentence. $\sim p \to \sim q$	
Answer (Please select your correct option)	<u> </u>
• • • • • • • • • • • • • • • • • • • •	
If you study then you pass the exams.	
If you do not study then you pass the exams.	
If you study then you do not pass the exams.	
If you do not study then you do not pass the exams.	
C	made By: Waqar Siddhu

Question No : 3 of 26	Marks: 1 (Budgeted Time 1 Min)	•
Let ${f p}$ be the statement "You study" and ${f q}$ be the statement "You pass the exams." Express the following proposition as an English sentence. $p o q$		_
		7
Answer (Please select your correct option)		
If you pass the exams then you must have studied.		
If you study then you pass the exams.		
If you pass the exams then do not study.		
If you do not study then you do not pass the exams. Made By:	Waqar Siddk	174

Que	estion No : 4 of 26	Marks: 1 (Budgeted Time 1 Min)
w	hat is the negation of the statement " Today is Friday " ?	<u>*</u>
Ans	swer (Please select your correct option)	-
o	Today is Saturday	
	Today is not Friday	
0		
	Today is Thursday	
С		ide By: Waqar Siddhu

uestion No : 5 of 26	Marks: 1 (Budgeted Time 1 Min)
An argument is valid if the conclusion is true when all the premises are	
	•
nswer (Please select your correct option)	
True	
C	
c	
Falsa	
raise C	
	y: Waqar Siddhu
n c	swer (Please select your correct option) True Not given False

0	, , , , , , , , , , , , , , , , , , ,	Market A (Declarated Three A Min)	
Qu	uestion No : 6 of 26	Marks: 1 (Budgeted Time 1 Min)	
1	An argument is invalid if the conclusion is false when all the premises are		A
			4
			7
An	nswer (Please select your correct option)		
	False		
١,			
1			
	True		
	Mass		
1			
	made by: U	lagar Siddh	71
		The Comment	

Q	tuestion No : 7 of 26	Marks: 1 (Budge	ted Time 1 Min)	0
]	Let $A=(1,2,3,4)$ and $B=(5,6,7)$, then $A \cap B =$			A
				7
A	nswer (Please select your correct option)			
30	c (1,2,3)			
3	(5,6,7)			
	c {1,2,3,4,5,6,7}			
1000	" Made By: 1	Waqar	Siddh	Į U

Qu	uestion No : 8 of 26	Marks: 1 (Budgete	ed Time 1 Min)	0
If	f no element is common in two sets P and Q, then the sets are called			Α
				4
				7
An	nswer (Please select your correct option)			
	Exhaustive sets			
0	c c			
	Dissimilar sets			
C				
				_
	Disjoint sets			
C				
	made By: U	Jaqar :	51ddh	U

Question No : 9 of 26	Marks: 1 (Budgeted Time 1 Min)
The sets (1, b) and (b,1) are equal.	A
	*
Answer (Please select your correct option)	
True	
False	
Made B	y: Waqar Siddhu

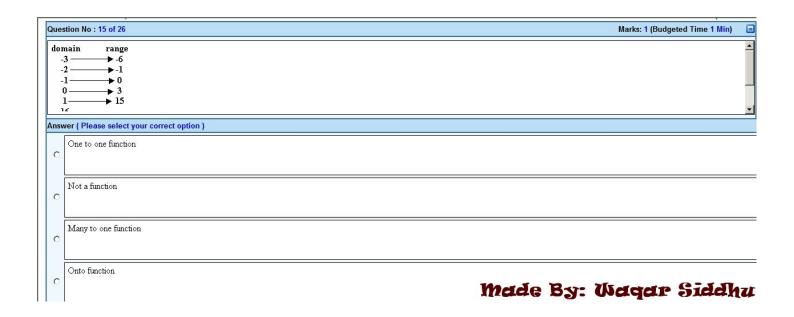
Ques	stion No : 10 of 26 Marks: 1 (Budgeted Time 1 Min)	0
	$A = (x: x \in N \text{ and } x^2 + 1 = 10)$ where N is the set of natural numbers. sich of the following is tabular form of A ?	A.
		7
Ansv	wer (Please select your correct option)	
О	(-3, 3)	
С	(3)	
О	(9)	
С	made By: Waqar Siddh	14

Question No : 11 of 26	Marks: 1 (Budgeted Time 1 Min)
All of the following sets are equal.	
(r,s,t),(s,r,t),(t,r,s),(s,t,r)	
	<u> </u>
Answer (Please select your correct option)	
True	
C	
False	
C	
	Made By: Waqar Siddhu

Qu	uestion No : 12 of 26	Marks: 1 (Budgeted Time 1 Min)
L	et R be a relation from set A to B, if R is symmetric then its inverse will be	A
An	nswer (Please select your correct option)	
	symmetric	
(C	
	antisymmetric	
(
	transitive	
(made By: W	lagar Siddhu

Question No : 13 of 26	Marks: 1 (Budgeted Time 1 Min)	0
Which of the relation defines a function from $X = \{2,4,5\}$ to $Y = \{1,2,4,6\}$.		_
$R_1 = ((2,4), (4,1))$ $R_2 = ((2,4), (4,1), (4,2), (5,6))$		
$R_3 = \{(2,4), (4,1), (5,6)\}$		
		~
Answer (Please select your correct option)		
R ₁ and R ₂		
R_1		
R ₃		
R _{2 and} R ₃	F 0:4-11	
made by: 0	baqar Siddl	1U

Que	stion No : 14 of 26 Marks: 1 (Budgeted Time 1 Min)	•
Le	R be a binary relation on a set A. R is irreflexive iff	Z
		7
Ans	wer (Please select your correct option)	
С	$a \in A, (a, a) \notin R$	
	$\forall a \in A, (a, a) \in R$	
0		
c	$\forall a \in A, (a, a) \notin \mathbb{R}$	
	Made By: Wagar Siddh	U



Question No : 16 of 26	Marks: 1 (Budgeted Time 1 Min)
We calculate the sum of the series 1+2+3++100 by using formula	
Answer (Please select your correct option)	
$C = \frac{n(n+1)}{2}$	
$C = \frac{(n+1)}{2}$	
$C \boxed{\frac{n(n+1)}{6}}$	made By: Waqar Siddhu

Que	stion No : 17 of 26 Marks: 1 (Budgeted Time 1 Min)	0
Th	enth term of an A. P (Arithmetic Progression) is	4
		7
Ans	wer (Please select your correct option)	
С	a+(n-1)d	
С	a+(n+1)d	
С	(n-1)d Made By: Wagar Siddh	u

Question No : 18 of 26	Marks: 1 (Budgeted Time 1 Mi	in) 🔳
On the excel sheet if you enter 5 in cell A90 and 10 in cell A91 then the formula for their sum in excel is		A
		~
Answer (Please select your correct option)		
= A90 + A91		
c		
= A90×A91		
Made By:	Wagar Sidd	Mu

Qu	ion No : 19 of 26	Marks: 1 (Budgeted Time 1 Min)
Fi In	value = 200 Value = 210 ase = 10 the Percentage change	A.
An	er (Please select your correct option)	
c	10%	
c	5%	
c	20%	
c	15% Made	By: Waqar Siddhu

Qı	uesti	tion No : 20 of 26 Marks: 1 (Budgeted Time 1 Min)	•
F	nitial inal ncre:	ul value = 12 Value = 15 case = 3 the Percentage change	4
An	nswe	er (Please select your correct option)	
c	c	30%	
c	c	15%	
(0	25%	
(0	12% Made By: Waqar Siddh	174





