Ques	stion No : 1 of 26	Marks: 1 (Budgeted Time 1 Min)
Whi	ich one of the following is the negation of the statement	<u> </u>
" I	If Tanveer lives in Lahore then he lives in Pakistan."?	
		¥
Answ	ver (Please select your correct option)	
С	If Tanveer does not live in Lahore then he does not live in Pakistan.	
О	Tanveer does not live in Lahore then he lives in Pakistan.	
0	Tanveer does not live in Lahore and he lives in Pakistan.	
0	If Tanveer lives in Lahore then he does not live in Pakistan.	
	made By:	Wagar Siddhu

Que	stion No : 2 of 26 Marks: 1 (Budgeted Time 1 Min)	•
If '	"p" and "q" are propositions , "p" is true and "q" is false, then p→q is?	
Ansı	wer (Please select your correct option)	V
Alls		
	True	
0		
	False	
	Made By: Waqar Siddk	[7]

Question No : 3 of 26	Marks: 1 (Budgeted Time 1 Min)
According to Demorgan's law	4
$\sim (p \land q) \equiv$	
	<u> </u>
Answer (Please select your correct option)	
Animal (ricuse select your correct opaur)	
~p^q	
~p^~q	
C	
~p~~q	
p ^ ~ q	
	Maranara Calalla-
mate py:	Waqar Siddhu

uestion No : 4 of 26	Marks: 1 (Budgeted Time 1 Min)	0
The statement "He will be the president if and only if he wins the presidential election" is a?		<u> </u>
		7
nswer (Please select your correct option)		
Conditional statement.		
Biconditional statement.		
	idada Giddl	17F
	he statement "He will be the president if and only if he wins the presidential election" is a? Swer (Please select your correct option)	he statement "He will be the president if and only if he wins the presidential election" is a? Iswer (Please select your correct option) Conditional statement. Biconditional statement.

Que	stion No : 5 of 26 Marks: 1 (Budgeted Time 1 Min)	•
If th	ne truth values of all premises and conclusions are true in a critical row then the argument will be invalid.	
		v
Ansv	wer (Please select your correct option)	
О	True	
		_
O.L.	False	
0		
	Made By: Waqar Siddh	U

Questi	on No : 6 of 26 Marks: 1 (Budgeted Time 1 Min)	•
An ar	rgument is invalid if the conclusion is false when all the premises are	
		¥
Answe	er (Please select your correct option)	
F	False	
С		
	Frue	
О		
	Made By: Waqar Siddk	17/

Question No : 7 of 26	Marks: 1 (Budgeted Time 1 Min)
Let $A=(1,2,3,4)$ and $B=(5,6,7)$, then $A \cap B =$	A
	<u>×</u>
Answer (Please select your correct option)	
C $(1,2,3)$	
(5,6,7)	
C	
[1,2,3,4,5,6,7]	
Ø	
Made B	y: Waqar Siddhu
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Qu	uestion No : 8 of 26	Marks: 1 (Budge	ted Time 1 Min)
W	Which one of the following sets is finite?		4
An	iswer (Please select your correct option)		Y
45	Set of Real numbers		
C	Set of Even numbers		
c	$O\left[\frac{(x \mid x \in Z \land 0 \le x \le 12)}{}\right]$		
c	(x x∈j ^x≥12) Made By: U	baqar	Siddhu

Que	estion No : 9 of 26 Marks: 1 (Budgeted Time 1 Min)	•
Th	ne sets (a, b,c) and (1,2,3) are equal.	Δ
	Diagon colori usus pagent patien)	
Ans	swer (Please select your correct option)	
	True	
0		
	False	
0		
	Made By: Wagar Siddh	4

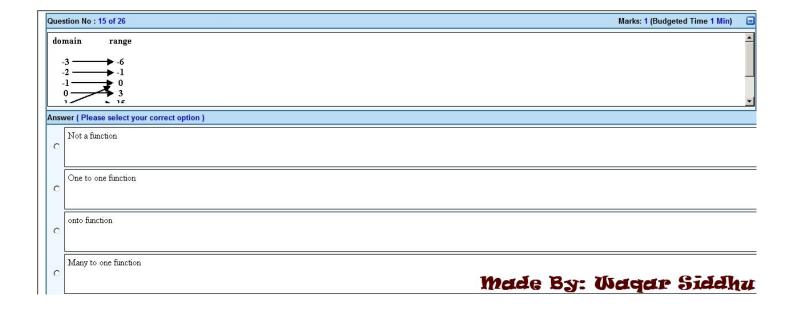
Qu	estion No : 10 of 26 Marks: 1 (Budgeted Time 1 Min)	0
T	e sets (1, b) and (b,1) are equal.	A
L		
An	swer (Please select your correct option)	
	True	
(
	False	
0		
	W	
	Made By: Wagar Siddh	4

Que	estion No : 11 of 26 Marks: 1 (Budgeted Time 1 Min)	•
	of the following sets are equal. $(s,t),(s,r,t),(t,r,s),(s,t,r)$	
		V
Ans	wer (Please select your correct option)	
	False	
0		
	True	
o		
	made By: Waqar Siddh	W

Que	estion No : 12 of 26	Marks: 1 (Budgeted Time 1 Min)	0
Le	t R be a relation from set A to B, if R is symmetric then its inverse will be		A
			w.
Ans	swer (Please select your correct option)		
45	symmetric		
0			
	antisymmetric		
0			
	transitive		
0			
	made By:	Wagar Siddl	14

Question No : 13 of 26	Marks: 1 (Budgeted Time 1 Min)
Which of the relation defines a function from $X = \{2,4,5\}$ to $Y = \{1,2,4,6\}$.	_
$R_1 = ((2,4), (4,1))$ $R_2 = ((2,4), (4,1), (4,2), (5,6))$	
$R_3 = ((2,4), (4,1), (5,6))$	
	<u> </u>
Answer (Please select your correct option)	
R ₁ and R ₂	
C	
R ₁	
C	
R ₃	
R2 and R3	
made by: U	haqar Siddhu

C	Question No : 14 of 26	Marks: 1 (Budgeted Time 1 Min)	=
	If A=(1,-1) then the number of elements in A×A are		A
			¥
Δ	Answer (Please select your correct option)		
	2		
	4		
	8		
	C		
	6	A-10	
	made B	y: Waqar Siddl	14



Que	stion No : 15 of 26	Marks: 1 (Budge	eted Time 1 Min)
	$\begin{array}{c c} \hline & 0 \\ & 0 \\ & 3 \\ & 15 \end{array}$		_
Th	e above relation shows		
Ans	wer (Please select your correct option)		
c	Not a function		
c	One to one function		
c	onto function		
c	Many to one function Made By:	Waqar	Siddhu

Question No : 16 of 26	Marks: 1 (Budgeted Time 1 Min)
Let $a_1, a_2, a_3, \ldots, a_n$ be an arithmetic sequence, then sum of the terms of sequence is	×
A constant and a cons	<u>v</u>
Answer (Please select your correct option)	
$C = \frac{S_n = \frac{n}{2} \{2\alpha + (n-1)d\}}{n-1}$	
$C S_{k} = \frac{n(a_{1} + a_{k})}{6}$	
$C = \frac{S_x = \frac{n(a_1 + a_n)}{4}}{Made By:}$	Waqar Siddhu

restion No : 17 of 26	Marks: 1 (Budge	eted Time 1 Min)	3
he general term of the geometric sequence -1,1,-1,1, is		_	
			1
swer (Please select your correct option)			
(1) ²⁶			
$(1)^{p_0}$ 1			_
(4)%]			=
$(-1)^n$			
made By:	Wagar	Siddhu	I
	$\begin{array}{c} C \\ C $	The general term of the geometric sequence -1,1,-1,1, is Inswer { Please select your correct option } C	he general term of the geometric sequence -1,1,-1,1, is nswer (Please select your correct option) C

Question No : 18 of 26	Marks: 1 (Budgeted Time 1 Min)
Simplify	<u> </u>
(20%)×100 =	
Answer (Please select your correct option)	<u> </u>
0.2	
c c	
0.002	
C	
2.0	
	made By: Waqar Siddhu
	made pa. Mader areaun

Question No : 19 of 26	Marks: 1 (Budgeted Time 1 Min)
If	<u> </u>
Initial value = 200	
Final Value = 210	
Increase = 10	
Then the Percentage change	
	▼
Answer (Please select your correct option)	
10%	
5%	
20%	
C	
AFR	
15%	
Mad	e By: Waqar Siddhu
	a -O. c.m.ler aventie

Question No : 20 of 26	Marks: 1 (Budgeted Time 1 Min)
If	<u> </u>
Initial value = 12	
Final Value = 15	
Increase = 3	
Then the Percentage change	
	▼
Answer (Please select your correct option)	
30%	
15%	
are.	
25%	
12%	
Meda I	3y: Waqar Siddhu
Indae i	sy. waqar staanu





