<u>Dashboard</u>	My courses CCS213-18 Midterm Period: Midterm Examination		
Started on	Monday, 10 October 2022, 10:02 AM		
	Finished		
	Monday, 10 October 2022, 10:55 AM		
	53 mins 14 secs		
	20.00 out of 30.00 (67%)		
Question 1			
Correct			
Mark 2.00 out of 2.00			
$y^2 = 4x$ is a sir	ngle valued function.		
Select one:			
O True			
False ✓			
The correct answ	or in 'Eglac'		
The correct drisw	ei is ruise.		
Question 2			
Correct			
Mark 2.00 out of 2.00			
Walk 2.00 Gdt 61 2.00			
'I will pass the	e Midterm Exam or I will fail it" is an exclusive disjunction.		
· ·	·		
Select one:			
True ✓			
False			
. 3.33			
The correct answ	er is 'True'.		

Question 3
Correct
Mark 2.00 out of 2.00
The set of <u>counting</u> numbers and the set of positive integers are two equal sets.
Select one:
True ✓
○ False
○ ruise
The correct answer is 'True'.
Question 4
Correct
Mark 2.00 out of 2.00
2 is congruent to 6 in modulo 4.
2 is congruent to a in modulo 4.
Select one:
True ✓
○ False
The correct answer is 'True'.
The correct answer to True.
Question 5
Incorrect
Mark 0.00 out of 2.00
gcd (21, 44) indicates that 21 and 24 are relatively prime to one another.
gca (21, 44) indicates that 21 and 24 are relatively prime to one another.
Select one:
□ True ★
○ False
The correct answer is 'False'.

Incorrect Mark 0.00 out of 2.00 'p → q is true when and only when p and q have the same truth value' is conditional. Select one: True * False The correct answer is 'False'. Question 7 Correct Mark 2.00 out of 2.00 If sets A, B and C are non_empty sets, then A u (B ∩ C) = (A u B) ∩ (A u C). Select one: True * False
'p ↔ q is true when and only when p and q have the same truth value' is conditional. Select one: True False The correct answer is 'False'. Question 7 Correct Mark 2:00 out of 2:00 If sets A, B and C are non_empty sets, then A u (B ∩ C) = (A u B) ∩ (A u C). Select one: True True True True
Select one: © True The correct answer is 'False'. Question 7 Correct Mark 2.00 out of 2.00 If sets A, B and C are non_empty sets, then A u (B∩C) = (A u B) ∩ (A u C). Select one: © True Tr
Select one: © True The correct answer is 'False'. Question 7 Correct Mark 2.00 out of 2.00 If sets A, B and C are non_empty sets, then A u (B∩C) = (A u B) ∩ (A u C). Select one: © True True True True True
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True X False The correct answer is 'False'. Question 7 Correct Mark 2.00 out of 2.00 If sets A, B and C are non_empty sets, then A u (B∩C) = (A u B) ∩ (A u C). Select one: True ✓
True X False The correct answer is 'False'. Question 7 Correct Mark 2.00 out of 2.00 If sets A, B and C are non_empty sets, then A u (B∩C) = (A u B) ∩ (A u C). Select one: True ✓
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The correct answer is 'False'. Question 7 Correct Mark 2.00 out of 2.00 If sets A, B and C are non_empty sets, then A u (B∩C) = (A u B) ∩ (A u C). Select one: True ✓
The correct answer is 'False'. Question 7 Correct Mark 2.00 out of 2.00 If sets A, B and C are non_empty sets, then A \cup (B \cap C) = (A \cup B) \cap (A \cup C). Select one: True \checkmark
Question 7 Correct Mark 2.00 out of 2.00 If sets A, B and C are non_empty sets, then A \cup (B \cap C) = (A \cup B) \cap (A \cup C). Select one: True \checkmark
Question 7 Correct Mark 2.00 out of 2.00 If sets A, B and C are non_empty sets, then A \cup (B \cap C) = (A \cup B) \cap (A \cup C). Select one: True \checkmark
Correct Mark 2.00 out of 2.00 If sets A, B and C are non_empty sets, then A ∪ (B ∩ C) = (A ∪ B) ∩ (A ∪ C). Select one: True ✓
Correct Mark 2.00 out of 2.00 If sets A, B and C are non_empty sets, then A ∪ (B ∩ C) = (A ∪ B) ∩ (A ∪ C). Select one: True ✓
Correct Mark 2.00 out of 2.00 If sets A, B and C are non_empty sets, then A ∪ (B ∩ C) = (A ∪ B) ∩ (A ∪ C). Select one: True ✓
Mark 2.00 out of 2.00 If sets A, B and C are non_empty sets, then A ∪ (B ∩ C) = (A ∪ B) ∩ (A ∪ C). Select one: True ✓
If sets A, B and C are non_empty sets, then A \cup (B \cap C) = (A \cup B) \cap (A \cup C). Select one: True \checkmark
Select one: ● True ✓
Select one:
● True
● True
● True
○ False
The correct answer is 'True'.
Question 8
Correct
Mark 2.00 out of 2.00
- (p∧q) _pv-q in De Morgan's Law.
(p/q) _pv q iii be Moigair s taw.
Select one:
True ✓
O False
The correct answer is 'True'.

Question 9
Correct
Mark 2.00 out of 2.00
The conjunction p $\mbox{\ensuremath{\mbox{$\Lambda$}}}$ q is true when p and q are both true, otherwise the conjunction is false.
Select one:
True ✓
O False
The correct answer is 'True'.
Question 10
Incorrect
Mark 0.00 out of 2.00
'p \rightarrow q is false only when p is true and q is false, otherwise it is true'.
Select one:
O True
False X
The correct answer is 'True'.
The correct answer is True.
Question 11
Correct
Mark 2.00 out of 2.00
005 1 1 1 1 1 101000101
325 is equivalent to 101000101_2
Select one:
True ✓
O False
The correct answer is 'True'.

Question 12
Correct
Mark 2.00 out of 2.00
gcd (17, 55) is 55
gca (17, 55) is 55
Select one:
○ True
● False ✓
The correct answer is 'False'.
Question 13
Correct
Mark 2.00 out of 2.00
If $A = [213]$ then $A^t = [312]$.
Select one:
○ True
False ✓
The correct answer is 'False'.
Question 14
Incorrect
Mark 0.00 out of 2.00
To solve a congruence equation, we need to find only one value of the variable x that satisfies the congruence.
To solve a congraction equation, we flood to find only one value of the value of the congraction.
Select one:
● True ★
○ False
The correct answer is 'False'.

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Question 15	
Incorrect	
Mark 0.00 out of 2.00	
The proposition, 'either Tony or Raquel is abse	nt, and today is an examination day', is a disjunction.
Select one:	
O True	
False X	
The correct answer is 'True'.	
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