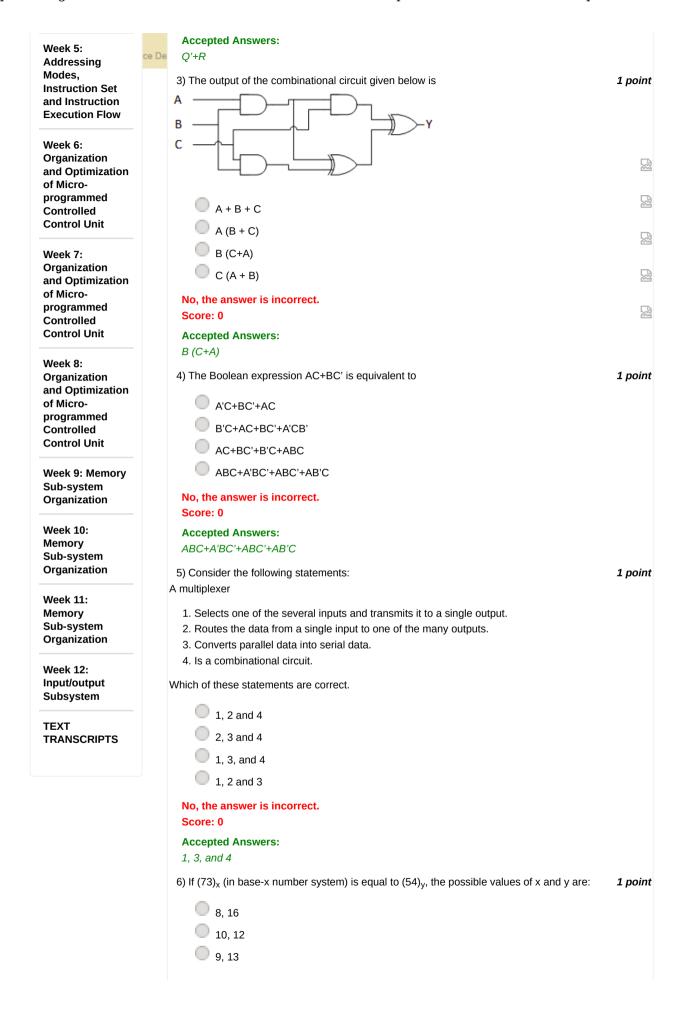
reviewer4@nptel.iitm.ac.in ▼ Courses » Computer Organization and Architecture A Pedagogical Aspect **Announcements** Course Ask a Question **Progress** FAQ **Unit 2 - Week 1: Fundamentals of Digital Computer** Register for **Assignment for Week 1 Certification exam** The due date for submitting this assignment has passed. Course As per our records you have not submitted this Due on 2019-02-13, 23:59 IST. outline assignment. Assignment for Week 1 How to access the portal 1) Computer architecture refers to 1 point Week 1: The operational units and their interconnections that realize the architectural specifications. Fundamentals of **Digital Computer** Those attributes of a system visible to a programmer. Lecture 1: Those attribute that have a direct impact on the logical execution of a program. Model of Arrangement of system attributes with its associated file system. Computer and Working No, the answer is incorrect. Principle Score: 0 Lecture 2: **Accepted Answers:** Digital Logic Those attributes of a system visible to a programmer. **Building Blocks** Those attribute that have a direct impact on the logical execution of a program. Lecture 3: Information 2) For a three input logic circuit shown below, the output Z can be expressed as: 1 point Representation and Number Systems Quiz: Assignment for Week 1 7 Week 2: Fundamental of **Digital Computer** Week 3: Addressing Modes, Instruction Set and Instruction © 2014 NPTEL - Privacy & Terms - Honor Code - FAQs -In association with A project of Technology Enhanced Learning

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© 8, 11	
No, the answer is incorrect.	
Score: 0 Accepted Answers:	
8, 11	
7) The hexadecimal representation of (657) ₈ is:	1 point
1AF	<u>~</u>
D78	S
0 D71 0 32F	
No, the answer is incorrect.	
Score: 0	~~~~
Accepted Answers: 1AF	
8) Let X be the largest number of distinct 16 bit integers in 2's complement representation. Y be the number of distinct 16-bit integers in sign magnitude representation. Then X – Y	
O 1	
○ 0	
O 2	
None of the above	
No, the answer is incorrect. Score: 0	
Accepted Answers:	
9) Given the following binary number in 32-bit (single precision) IEEE-754 format: 0100000100010100000000000000000000000	1 point
What is the equivalent decimal value?	
+8.25	
-8.25	
+9.25	
-9.25	
No, the answer is incorrect. Score: 0	
Accepted Answers: +9.25	
10)What would the numbers -45 and 123 be represented in the 8-bit biased notation us the exponents of single-precision numbers?	sed in 1 point
01010110, 11011010	
01010010, 11111010	
01110010, 01111010	
01010010, 10111010	
No, the answer is incorrect.	
Score: 0	
Accepted Answers:	

01010010, 11111010	
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