

# Blockchain Basics

## By Coursera

18/07/2020 (Completed week 3 - “Algorithms and Techniques” Module and took last quiz on that Module)

The screenshot shows a web browser window with the Coursera website. The address bar shows the URL: [coursera.org/learn/blockchain-basics/exam/O1d51/algorithms-techniques-week-3/attempt?redirectToCover=true](https://coursera.org/learn/blockchain-basics/exam/O1d51/algorithms-techniques-week-3/attempt?redirectToCover=true). The page title is "Algorithms & Techniques - Week 3" with a sub-header "Graded Quiz • 30 min". The due date is "Due Jul 27, 12:29 PM IST".

A green banner at the top says "Congratulations! You passed!" with a checkmark icon. Below it, it says "TO PASS 78% or higher". To the right of the banner is a blue button labeled "Keep Learning" and a box showing "GRADE 100%".

The main heading is "Algorithms & Techniques - Week 3". Below it, it says "LATEST SUBMISSION GRADE 100%".

There are two questions visible:

1. The transaction Merkle Tree root value in a Bitcoin block is calculated using \_\_\_\_\_. (1 / 1 point)
  - ☐ number of transactions
  - ☐ none
  - ☒ hash of transactions
  - ☐ previous block's hash

A green box below the options says "Correct Correct."
2. Follow the steps given in the tool at [this link](#) to manually calculate the hash of the block #490624. You (1 / 1 point)

The Windows taskbar is visible at the bottom of the screen.