

## Tests & Quizzes

### Quiz 8


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Part 1 of 1 -

10.0 Points

Question 1 of 10


In Baraat, tasks priority depends on their arrival time, and the flows of the same task are assigned with the same priority. 1.0 Points

-  ☒ True  
☐ False

**Answer Key:** True

Question 2 of 10


In D3, the fair share is equal to (link capacity – total allocated rate) divided by the number of flows. 1.0 Points

-  ☐ True  
☐ False

**Answer Key:** False

Question 3 of 10

One of the disadvantages of pFabric is its clean-slate approach, requiring the replacement of all switches in the datacenter. 1.0 Points

-  ☒ True  
☐ False

**Answer Key:** True

Question 4 of 10

Task scheduling shows more efficient as compared to scheduling with shortest flow first when tasks contain more flows. 1.0 Points

- ☒ True  
☐ False

**Answer Key:** True

Question 5 of 10

D3 needs to keep the state of each flow to calculate the allocated rate for each flow. 1.0 Points

- ☒ True  
☐ False

**Answer Key:** False

Question 6 of 10

FIFO with limited multiplexing is equivalent to fair share when its degree is equal to one and the degree increases for more heavy tasks. 1.0 Points

- ☒ True  
☐ False

**Answer Key:** False

Question 7 of 10

D3 and Barrat can guarantee deadline for flows/tasks but pFabric cannot. 1.0 Points

- ☒ True  
☐ False

**Answer Key:** False

Question 8 of 10

Task serialization policies perform better than fair sharing in terms of average completion time and the finish time of each task. 1.0 Points

- ☒ True  
☐ False

**Answer Key:** True

Question 9 of 10

pFabric can minimize average flow completion time by scheduling the packets of the shortest remaining flow size. 1.0 Points

- ✓ ☒ True  
☐ False

**Answer Key:** True

Question 10 of 10

In D3, each source sends data at this rate for a RTT while each data packet sent in this RTT will carry a rate request for the next RTT. 1.0 Points

- ☐ True  
☐ False

**Answer Key:** False

Timezone: America/New\_York

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