Question 5

Mark 1.00 out of

Flag question

Select one:

Correct

1.00

When computing PageRank iteratively, the computation ends when:

c. The probability of visiting an unseen node falls below a predefined threshold

b. The norm of the difference of rank vectors of two subsequent iterations falls below a predefined threshold

a. All nodes of the graph have been visited at least once

	<ul> <li>d. The difference among the eigenvalues of two subsequent iterations falls below a predefined threshold</li> </ul>
	The correct answer is: The norm of the difference of rank vectors of two subsequent iterations falls below a predefined threshold
Question 6	Given the 2-itemsets {1,2}, {1,5}, {2,5}, {1,4}, {1,3}, when generating the 3-itemsets we will:
Incorrect	Select one:
Mark 0.00 out of 1.00	a. Generate 4 3-itemsets after the join and 2 3-itemsets after the prune
Flag question	<ul> <li>b. Generate 6 3-itemsets after the join and 1 3-itemsets after the prune</li> </ul>
	c. Generate 5 3-itemsets after the join and 2 3-itemsets after the prune
	<ul> <li>d. Generate 4 3-itemsets after the join and 1 3-itemsets after the prune</li> </ul>
	The correct answer is: Generate <b>6</b> 3-itemsets after the join and <b>1</b> 3-itemsets after the prune
	The correct answer is. Generate <b>v</b> 3-itemsets after the join and T 3-itemsets after the printe
• · · 7	For his awesome research, Tugrulcan is going to use the PageRank with teleportation and HITS algorithm, not on a network of webpages but on the
Question 7 Correct Mark 1.00 out of 1.00	retweet network of Twitter! The retweet network is a directed graph, where nodes are users and an edge going out from a user A and to a user B means that "User A retweeted User B". Which one is <b>false</b> about a Twitter bot that retweeted other users frequently but got never retweeted by other users or by itself?
Flag question	Select one:
	a. Its authority value will be equal to the hub value of a user who never retweets other users
	b. It will have an authority value of zero
	<ul> <li>d. It will have a non-zero hub value</li> </ul>
	The correct answer is: It will have a PageRank of zero
Question 8 Correct	Given the following list of transactions: {apple,milk}, {milk, bread}, {apple, bread, milk}, {bread}, which of the following is <b>correct</b> ?
Mark 1.00 out of	Select one:
1.00 001 01	<ul><li>a. apple → milk has support ½ and confidence 1</li></ul>

The correct answer is: apple  $\rightarrow$  milk has support ½ and confidence 1

 $\ \ \ \ \ \$  b. milk  $\rightarrow$  bread has support ½ and confidence 1

c. bread → milk has support ½ and confidence 1
 d. milk → apple has support ½ and confidence 1

Finish review (https://moodle.epfl.ch/mod/quiz/view.php?id=981144)

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