



السؤال التالي

Question No: 1 / 15

The degree of any vertex of graph is ?

- ☐ 1) Number of vertices adjacent to that vertex
- ☐ 2) Number of vertex in a graph
- ☐ 3) The number of edges incident with vertex

إنهاء الإختبار

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السؤال التالي

السؤال السابق

Question No: 2 / 15

If in a graph multiple edges between the same set of vertices are allowed, it is called?

- ☒ 1) Hamiltonian Graphs
- ☒ 2) Euler Graphs
- ☐ 3) Multi graph
- ☒ 4) Simple graph



Question No: 3 / 15

إنهاء الاختبار

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السؤال التالي

السؤال السابق

Question No: 3 / 15

A graph is a collection of.... ?

- ☒ 1) Row and columns
- ☐ 2) Equations
- ☐ 3) Vertices and edges

إنهاء الإختبار

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السؤال التالي

السؤال السابق

Question No: 4 / 15

What is Null Graph?

- ☐ 1) null graph has no even vertex
- ☐ 2) null graph has no odd vertex
- ☒ 3) null graph has no edges
- ☐ 4) null graph has no vertex

إنهاء الاختبار

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السؤال التالي

السؤال السابق

Question No: 5 / 15

A simple graph has no loops. What other property must a simple graph have?

- ☐ 1) It must have at least one vertex.
- ☐ 2) It must be undirected.
- ☐ 3) It must be directed.
- ☐ 4) It must have no multiple edges.

إنهاء الاختبار

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السؤال التالي

السؤال السابق

Question No: 6 / 15

A graph G is called a if it is a connected acyclic graph ?

- ☒ 1) . Not a graph
- ☐ 2) Tree
- ☐ 3) Regular graph
- ☐ 4) Cyclic graph

إنهاء الاختبار

٠٠:٠٥:٢٨



السؤال التالي

السؤال السابق

Question No: 7 / 15

A graph with no edges is known as empty graph. Empty graph is also known as... ? Trivial graph b. Regular graph c. Bipartite graph d. None of these

- ☐ 1) Trivial graph
- ☐ 2) None of these
- ☐ 3) Bipartite graph
- ☐ 4) Regular graph

إنهاء الاختبار

00:05:26



السؤال التالي

السؤال السابق

Question No: 8 / 15

If for some positive integer k , degree of vertex $d(v)=k$ for every vertex v of the graph G , then G is called... ?

- ☐ 1) K -regular graph
- ☐ 2) K graph
- ☐ 3) All of above
- ☐ 4) Empty graph

إنهاء الاختبار

00:05:22



السؤال التالي

السؤال السابق

Question No: 9 / 15

The maximum degree of any vertex in a simple graph with n vertices is

- ☒ 1) n
- ☐ 2) $2n-1$
- ☐ 3) $n+1$
- ☐ 4) $n-1$

إنهاء الاختبار

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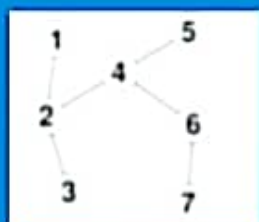


السؤال التالي

السؤال السابق

Question No: 10 / 15

Which set represents the vertices of the graph?



- ☒ 1) $\{1,2\}, \{2,3\}, \{2,4\}, \{4,5\}, \{4,6\}, \{6,7\}$
- ☐ 2) $\{1, 2, 3, 4, 5, 6, 7\}$
- ☐ 3) $\{1, 2, 3, 4, 5, 6\}$



إنهاء الاختبار

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السؤال التالي

السؤال السابق

Question No: 11 / 15

What is the degree of vertex D?

☐ 1) 4☐ 2) 3☐ 3) 2☐ 4) 1

السؤال التالي

السؤال السابق

Question No: 12 / 15

In a graph if $e=(u.v)$ means



1) e begins at u and ends at v



2) u is adjacent to v but v is not adjacent to u



3) v is edge and u is node



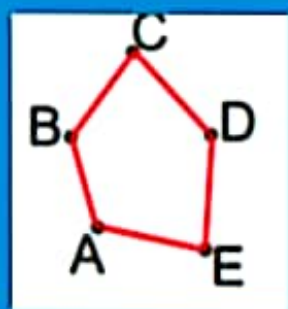
4) v is node and u is edge

السؤال التالي

السؤال السابق

Question No: 13 / 15

The graph represents the following vocabulary term.



☐ 1) Complete Graph

☐ 2) Path

☒ 3) Cycle

☐



السؤال التالي

السؤال السابق

Question No: 14 / 15

If a graph has a number associated with each edge then the graph is called a ... ?

- ☒ 1) Digraph
- ☐ 2) Weighted graph
- ☐ 3) Directed Graph
- ☐ 4) Network



السؤال السابق

Question No: 15 / 15

In the Graph Theory, a graph need to have a minimum of ____ nodes and ____ edges.

☐ 1) 2;2

☐ 2) 2;1

☐ 3) 1;1

☐ 4) 1;0