

1. Which of the following is not a type of graph?
 - A. Complete graph
 - B. Bipartite graph
 - C. Connected graph
 - D. Euler graph
2. Which of the following is not a property of a graph?
 - A. The degree of a vertex
 - B. The shortest path between two vertices
 - C. The number of edges
 - D. The number of vertices
3. Which of the following is not a property of a connected graph?
 - A. There is a path between any two vertices
 - B. There is a cycle
 - C. The graph is acyclic
 - D. The graph is complete
4. Which of the following is not a property of a complete graph?
 - A. There is an edge between any two vertices
 - B. The graph is acyclic
 - C. The graph is connected
 - D. The graph is bipartite
5. Which of the following is not a property of a bipartite graph?
 - A. The graph has two vertices
 - B. The graph is complete
 - C. The graph is disconnected
 - D. The graph is not Eulerian
6. Which of the following is not a property of an Euler graph?
 - A. The graph is connected
 - B. The graph is bipartite
 - C. The graph is Eulerian
 - D. The graph is not complete
7. Which of the following is not a property of a tree?
 - A. The graph is acyclic
 - B. The graph is connected
 - C. The graph is complete
 - D. The graph is not Eulerian
8. Which of the following is not a property of a planar graph?
 - A. The graph can be drawn in the plane without any edges crossing
 - B. The graph is connected
 - C. The graph is complete
 - D. The graph is not Eulerian
9. Which of the following is not a property of a Hamilton graph?

- A. The graph is connected
- B. The graph has a Hamiltonian cycle
- C. The graph is complete
- D. The graph is not Eulerian

10. Which of the following is not a property of a connected graph with n vertices and $n-1$ edges?

- A. The graph is a tree
- B. The graph is a path
- C. The graph is a cycle
- D. The graph is not Eulerian

11. Which of the following is not a property of an Euler graph with n vertices and n edges?

- A. The graph is a tree
- B. The graph is a path
- C. The graph is a cycle
- D. The graph is not connected

12. Which of the following is not a property of a Hamilton graph with n vertices and n edges?

- A. The graph is a tree
- B. The graph is a path
- C. The graph is a cycle
- D. The graph is not connected

13. Which of the following is not a property of a graph with n vertices and $n(n-1)/2$ edges?

- A. The graph is a complete graph
- B. The graph is a path
- C. The graph is a cycle
- D. The graph is not connected

14. Which of the following is not a property of a graph with n vertices and $n(n-1)$ edges?

- A. The graph is a complete graph
- B. The graph is a path
- C. The graph is a cycle
- D. The graph is not connected

15. Which of the following is not a property of a graph with n vertices and $n(n-1)$ edges?

- A. The graph is a complete graph
- B. The graph is a path
- C. The graph is a cycle
- D. The graph is not connected

- 1. D
- 2. D
- 3. C
- 4. B
- 5. C

- 6. B
- 7. C
- 8. D
- 9. D
- 10. B
- 11. D
- 12. D
- 13. B
- 14. D
- 15. D