Assignment - 3


1. The data set showing the assignment has been passed. 
   As per our standards you have not submitted this assignment.

2. Let \( f(x, y) = x + y \), then Implicit function theorem can be applied for the function \( f \).

3. True.

4. No, it is not the time to rephrase.

5. Accepted Answer.

6. 10.

7. 3.

8. No, it is not the time to rephrase.

9. Accepted Answer.

10. 20.

11. No, it is not the time to rephrase.

12. Accepted Answer.

13. Let \( f(x, y) = x + y \), then Implicit function theorem can be applied for the function \( f \).

14. True.

15. No, it is not the time to rephrase.

16. Accepted Answer.

17. True.

18. No, it is not the time to rephrase.

19. Accepted Answer.

20. Let \( f: \mathbb{R} \to \mathbb{R} \) be a continuously differentiable function. Then \( f'(x, y) = \frac{\partial f}{\partial x} + \frac{\partial f}{\partial y} \).

21. True.

22. No, it is not the time to rephrase.

23. Accepted Answer.

24. True.