MA110 - Linear Algebra & Differential Equations: Quiz 1
Template

Name: **Roll No.** [_____]

Code: E   **Max. marks: 20**

Tutorial Batch: D[____] **T**[____]   **February 2nd, 2024**

<div align="center">INSTRUCTIONS</div>

1. FAILURE TO FOLLOW INSTRUCTIONS WILL RESULT IN A DEDUCTION OF 2 MARKS.

2. ONLY ANSWERS WRITTEN IN THE BOXES PROVIDED WILL BE GRADED. Be careful when entering your answers, you will not be given a spare question paper in case you make mistakes.

3. Please write your roll no., division and tutorial batch on the answer sheet.
   Exams without roll numbers will be awarded ZERO marks.

4. No work is required to be shown. You may work out the details in the rough sheets, <u>which will not be collected</u>.

5. In Questions (6) - (9), one or more options are correct. The correct options should be entered in the given boxes as follows: $\boxed{\text{(a)}}$, or $\boxed{\text{(a), (c)}}$, etc. The marking scheme followed is:

   (i) All correct options, and no incorrect options chosen: 2 marks

   (ii) Some correct options, and no incorrect options chosen: 1 mark

   (iii) If even one chosen option is incorrect: 0 marks

<div align="center">EXAMS BEGINS</div>

(1) Fill in the blanks.   [2]

(2) Fill in the blanks.   [1]

(3) Fill in the blanks.   [2]

(4) Fill in the blanks.   [2]

(5) Fill in the blanks with the correct answer from the given options: [2]

(6) The correct options are [_____].   [2]

(7) The correct options are [_____].   [2]

(8) The correct options are [_____].   [2]

(9) The correct options are [_____].   [2]

(10)   [3]

   (i)   (a)

   (ii)   (b)

   (iii)   (c)

                                                                             (d)

   Match each option on the left with the correct option on the right:

   (i) - [_____]   (ii) - [_____]   (iii) - [_____]