**Expert ID/Name: Nstructive**

**Date: 04-Nov-2020**

**C:\Users\chari\Desktop\q5.PNG**

**Answer:**

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| MCQ Type Answers |

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| Choices |
| Given: The equation of all circles having their centres at origin.  To find\determine\prove: Form the differential equation of  Explanation:  Equation of family of circle having their centres at the origin is .   |  |  | | --- | --- | | Instruction | Differentiate the differential equation with respect to “ ”. | | Calculation |  |   .  Final Answer  Option-(b) is correct. |