**Science College , Kokrajhar**

**Class : TDC 2ND  Semester Major**

**Sub : Mathematics**

**Paper – M205**

**Full Marks : 30 Time : 1.5 hrs**

*(The figures in the margin indicate full marks for the questions)*

1. What are the order and degree of the equation . **1**
2. Find the partial differential equation from , are two arbitrary constants. **3**
3. Solve any two : **2x3=6**
4. 
5. 
6. 
7. Solve : . **5**
8. Solve : . **5**
9. Solve any two : **2x5**
10. 
11. 
12. 

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