**Week 6th Question Bank**

**Course B.Sc(Math+Physics+Chem) Hons. 2nd sem**

**Sub Partial Differential Equation**

**Code MATH 241**

**Faculty Dr. Richa Gaur**

Q 1 The standard equation of 2-D heat flow is………………….

Q2 When y-infinity, what will be the general solution……………

Q3 Suppose y=0, y=a, u= u0 and y=10 , Write all the four conditions.

Q4 What is the formula to find the value of An.

Q5 An infinitely lonf metal plate is enclosed between lines y=0, y= L and at infinity. If the edge x=0 is kept at a constant temperature u0 , find the temperature distribution u(x,y)

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