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SECTION: A

SEMESTER: 3rd

SUBJECT: DIFFERENTIAL EQUATION

ASSIGNMENT: 3rd

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APPLICATION OF PARTIAL DIFFERENTIAL EQUATIONS.

These are used to mathematically formulate and find the solution of physical and other problems involving functions of several variables.

For example:- Propagation of heat and sound, fluid flow elasticity etc.

- * Differential equations are involved in study of gravitation, electromagnetism heat transfer etc.
- * It is also important in field of quantum mechanics.
- * It is also important in civil engineering computer and electrical engineering to mathematically represent a problem and then find a solution for it.

