

**Syllabus for Scholarship cum Admission Test dated 20-10-2019
for Students studying in X and moving to XI for JEE (Advanced)**

PART-A : SCIENCE

- Electricity
- Heating Effects of current
- Magnetic effects of current
- Sources of Energy
- Acids, bases and salts
- Metals and non-metals

PART-B : MATHEMATICS

- Real Numbers
- Pair of Linear Equations in Two Variables
- Triangles
- Introduction to Trigonometry
- Areas Related to Circles
- Statistics

PART-C : APTITUDE AND LOGICAL THINKING

Pattern of test :

There will be 75 objective type questions as mentioned below :

- a. 40 questions from Science (Part-A)
- b. 25 questions from Mathematics (Part-B)
- c. 10 questions from Aptitude and Logical thinking (Part-C)

Each question carries **4** marks for correct answer and **-1 (minus one)** mark for wrong answer.