

### GRADE XI-ENTRANCE EXAMINATION SYLLABUS,2024-25

| Subject           | CHAPTERS/ UNITS  | Weightage of Marks  |
|-------------------|--|---|
| English           | Reading Comprehension ( passage), Letter( Objective questions), Grammar( Tenses, phrasal verbs, Modals, Determiners, Reported Speech, Prepositions, Rearranging of sentences   | Reading Comprehension-14,Letter-4, Rearranging-3, Grammar-9   |
| Math              | Real No, Polynomials,Linear Equations in 2 variables, Trigonometry and it's Application, Circles ,Sim-ilar Triangles, Quadratic equations, Arithmetic Progression, Coordinate Geometry,Area Related to Circles, Volume and Surface Area, Statistics, Probability | Algebra (4), Mensuration (5) Stats and Prob(4)Geometry (4),AP(4),CG (4), Trigonometry (5)                             |
| Physics           | Light, Reflection and Refraction, Human eye and colourful world, Electricity, Magnetic Effect of Electric current  | Light, Reflection and Refraction, Human eye and colourful world-5 Electricity, Magnetic Effect of Electric current -5 |
| Chemistry         | Chemical reactions and Equations, Acid base and salt, Metals and non metals, Carbon and its compound   | Chemical reactions and Equations, Acid base and salt-5 Metals and non metals, Carbon and its compound -5              |
| Biology           | Life process, Control and coordination, How do organism reproduce, Heredity  | Life processes-3, Control n coordination -2, How do organisms reproduce -2, Heredity -3.                              |
| History           | Rise of Nationalism in Europe, Nationalism in India  | Rise of Nationalism in Europe (4)<br>Nationalism in India (4)<br>Total =8   |
| Political Science | Federalism, Political Party, Outcomes of Democracy   | Federalism (2), Political Party(3), Outcomes of Democracy (2) Total =7 Marks  |
| Geography         | Agriculture , manufacturing industries, mineral and energy resources   | Agriculture (3 marks), Manufacturing industries (3marks), mineral and energy resource (2 marks):- total 8 marks       |
| Economics         | Money and Credit, Sectors of Indian Economy  | Sectors of Economy (4), Money and Credit (3) : Total 7 marks  |