

Syllabus for Assessment, Class-XI, 2018-19

	CBSE	ICSE	Madhyamik
Mathematics	<ol style="list-style-type: none"> 1. Quadratic Equation and Arithmetic Progression(A.P) 2. Linear Equation in two variables 3. Trigonometry including Heights & Distances 4. Co-ordinate Geometry 5. Similarity of triangles, Pythagorus theorem 	<ol style="list-style-type: none"> 1. Arithmetic- Compound Interest; 2. Algebra - (i) Linear In-equations (ii)Quadratic Equations (iii)Ratio and Proportion (iv)Factorization (Factor Theorem and Remainder Theorem); 3. Geometry – (i)Similarity of Triangles (ii)Circles; 4. Mensuration – (i)Sphere (ii)Cone 5. Trigonometry – FULL [Refer to the Class X - ICSE syllabus] 	<ol style="list-style-type: none"> 1. Arithmetic – (i)Simple interest (ii)Compound Interest; 2. Algebra-(i) Linear simultaneous equations in two variables (ii)Quadratic Equations (iii)Ratio and Proportion; 3. Geometry – (i)Similarity of Triangles (ii)Circles [Excluding Constructions]; 4. Mensuration – (i)Cylinder (ii)Sphere (iii)Cone; 5. Trigonometry – FULL [Refer to the Class X - WBBSE syllabus]
Physics	<ol style="list-style-type: none"> 1. Reflection in plane and curved mirror 2. Refraction (Glass Slab, Refractive Index) 3. Electricity and Magnatism (NCERT) 	<ol style="list-style-type: none"> 1. Force, work, energy and Power 2. Light 3. Sound 4. Electricity and Magnetism 5. Heat 	<ol style="list-style-type: none"> 1. Heat 2. Light: Lens and dispersion 3. Current Electricity and Electromagnetism
Chemistry	<ol style="list-style-type: none"> 1. Metals & Non-metals 2. Carbon and its compounds 3. Chemical reactions & equations 4. Acid, Bases & Salts 	<ol style="list-style-type: none"> 1. Periodic properties and variations of properties – Physical and Chemical 2. Chemical bonding 3. Mole Concept and Stoichiometry 4. Metallurgy 5. Organic Chemistry 	<ol style="list-style-type: none"> 1. Properties of gas— Pressure and temperature 4. Periodic Table 5. Chemical bonding 6. Some metals: Al,Zn,Fe,Cu 7. Organic Chemistry
Biology	<ol style="list-style-type: none"> 1. Life Processes 2. Control & Coordinates 3. Heredity 4. How do organisms reproduce. 	<ol style="list-style-type: none"> 1. Basic Biology- Genetics 2. Plant Physiology- a) Absorption b) Photosynthesis 3. Human Anatomy and Physiology- Circulatory System 	<ol style="list-style-type: none"> 1. Nervous System and Sense Organ with reference to human being 2. Heredity 3. Evolution 4. Adaptation

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Economics (for Science/ Humanities - Economics Opting Students)	1. Development, Money and Credit, Globalization of Indian Economy, Consumer Rights, Factors of Production, sectors of Indian Economy, Basic Concepts of Trade	1. Irrigation, Agriculture, Industry, Population, Basic Concepts of Banking , Sectors of Indian Economy	1. Agriculture in India, Industry, Problems of specific industry, Impact of British Colonisation on Indian Economy, Basic concepts of Trade.
History (for Humanities)	1. Nationalism in India- Non Co-operation –the programme and its failure, Khilafat Movement, Stages of the National Movement from 1922-1947(End of Non-Cooperation to Civil Disobedience. 2. Rise of Nazism and Hitler in Germany. 3. Federalism	1. Foundation of Indian national Congress- Early phase, Moderate and Extremists, Militant 2. Nationalism. National Movement from 1919-1947. 3. Rise of Fascism in Germany.	1. Early Stage of Collective Action- Revolt of 1857(only). 2. Resistance and Rebellion- Sanyasi and Fakir, Indigo. 3. Reforms of 19 th Century Bengal-Educational, Social, Religious and News Papers and Literature.
Geography (for Humanities)	1. Rocks and minerals. 2. Planetary winds and pressure belts. 3. Work of a river. 4. India : Physical features.	1. Rocks and minerals. 2. Planetary winds and pressure belts. 3. Work of a river. 4. India : Physical features.	1. Rocks and minerals. 2. Planetary winds and pressure belts. 3. Work of a river. 4. India : Physical features.

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English (for Commerce and Humanities)	<ol style="list-style-type: none"> 1. Comprehension (short questions and vocabulary test) 2. Composition (paragraph writing, articles) 3. Grammar (integrated exercises): Item types- dialogue completion, editing exercise, omission exercise, sentence transformation 4. Determiners, Modals, Narration, Tenses, Active and Passive Voice, Clauses and Phrases, Preposition, Conjunction 	<ol style="list-style-type: none"> 1. Comprehension (short questions and vocabulary test) 2. Composition (paragraph writing, articles, debate) 3. Grammar: Do as directed 4. Determiners, Narration, Tenses, Active and Passive Voice, Preposition, Conjunction, Kind of Sentences 	<ol style="list-style-type: none"> 1. Comprehension (short questions and vocabulary test) 2. Composition (paragraph writing, articles) 3. Determiners, Narration, Tenses, Clauses and Phrases, Preposition, Conjunction, Phrasal Verbs
General Awareness (For all Boards)	<ol style="list-style-type: none"> 1. Questions regarding current affairs 2. Abbreviations of different international and Business organizations 3. Questions on Commercial Mathematics like Percentages and Profit and Loss 4. Basic Economic Concepts on Class IX-X Syllabus 		