

**SYLLABI FOR SEMESTER-II
MAY 2018**

SUBJECTS	IBDP 1
English HL/SL	Paper 1 (GLA (SL) /LC (HL))
Hindi B HL/SL	Unseen passage for paper-1 & long question for paper-2
French Ab Initio SL	Topics: Physical description, Family, Food and Drinks, Towns and services, Education, Physical Geography Grammar : Verbs, Tenses, Adjectives, Direct/ Indirect objects Writing Skills on all topics.
French B SL	Paper 1- Comprehension passages on Core Topics
Spanish Ab Initio SL	Topics: Datos personales, Rutina diaria, Educacion, La comida y servicios, la ciudad y servicios, Deportes, Problema ambiental, el transporte, las vacaciones y geografia fisica. Gramatica: Vocabulario de todos temas, Presente, estar + gerundio, ir + a + infinitivo, imperativos afirmativo y negativo, preterito perfecto, indefinido, imperfecto, futuro simple, condicional,objeto directo y indirecto, frecuencias.
Business Management HL/SL	Unit 1 : Introduction to Business Management (1.1 to 1.7) Unit 2 : Functions and Evolution of Human Resource Management (2.1 to 2.4) Unit 4: Marketing (4.1 to 4.8)
Economics HL/SL	Complete microeconomics (Demand, Supply, Market Equilibrium, Market Failure, Government Intervention, Theory of Firm-1and2. Macroeconomics- Measuring economic activity (GDP calculations, circular flow, methods of GDP calculation, GDP and GNI per capita, Aggregate demand and aggregate supply, short run and long run equilibrium, keynesian multiplier)
Psychology HL/SL	Biological level of analysis(Physiology and behaviour, genetics and behaviour) Cognitive level of analysis(Cognitive processes and Cognition and emotions) Sociocultural level of analysis (Sociocultural cognition and social and cultural norms)
Biology HL/SL	Unit 1:Cell biology, Unit:2 Molecular biology, Unit 3:Ecology, Unit 5:Evolution & biodiversity, Unit 6: Human physiology, Unit 9: Plant biology
Physics HL/SL	1. Measurements and uncertainties, 2. Mechanics, 3. Thermal Physics, 4. Waves, 5. Circular motion
Chemistry HL/SL	1. Stoichiometric relationships, 2. Atomic structure, 3. Periodicity, 4. Bonding, 5. Equilibrium, 6. Organic chemistry
ESS SL	Unit: 1.Foundations of ESS, Unit: 2.Ecosystems, Unit:3.Biodiversity, Unit:4.Water & food production systems, Unit:5.Soil & terrestrial food production systems

Mathematical HL	1. Quadratics, 2. Functions, 3. Exponentials, 4. Logarithms, 5. Transforming functions, 6. Sequence and series, 7. Counting and the Binomial Expansion, 8. The unit circle and Radian measure, 9. Non-right angled triangle trigonometry, 10. Trigonometric functions, 11. Trigonometric Equations and Identities, 12. Vectors, 13. Vector Applications, 14. Descriptive Statistics, 15. Probability.
Mathematics SL	1. Quadratics, 2. Functions, 3. Exponentials, 4. Logarithms, 5. Transforming functions, 6. Sequence and series, 7. Counting and the Binomial Expansion, 8. The unit circle and Radian measure, 9. Non-right angled triangle trigonometry, 10. Trigonometric functions, 11. Trigonometric Equations and Identities, 12. Vectors, 13. Vector Applications, 14. Descriptive Statistics, 15. Probability.
Mathematical Studies SL	1. Number Properties, 2. Measurement, 3. Laws of algebra, 4. Equations and formulae, 5. Sequences and series, 6. Descriptive statistics, 7. Sets and Venn diagrams, 8. Logic, 9. Probability, 10. The normal distribution, 11. Two variable statistics.