

BRAIN INTERNATIONAL SCHOOL

CLASS: XII

SUBJECT: ENGLISH CORE (301)

SYLLABUS 2018-19

Month	Book - Flamingo	Book – Vistas	Writing Skills	Long Reading Text – Silas Marner
April – May	Ch 1: The Last Lesson Ch 2: Lost Spring P 1: My Mother at Sixty Six (poem) Ch 3: Deep Water	Ch 2: The Tiger King Ch 5: Should Wizard Hit Mommy? Ch 4: The Enemy	Notice, Letter to the Editor Note making and summary writing	Chapters 1 – 7
June	Periodic Test 1	Syllabus Covered So Far		
July	P 2: An Elementary School Classroom in a Slum (poem) P3: Keeping Quiet (poem) Ch 4: The Rattrap	Ch 6: On the Face of It	Formal and informal - Invitations and Replies Advertisements Article, Speech	Chapters 8 – 15
August	Ch 5: Indigo P 4: A Thing of Beauty (poem) P 5: Aunt Jennifer’s Tigers (poem)	Ch 8: Memories of Childhood	Posters Debate Report	Chapters 16 – 21
September	ASL + REVISION Periodic Test II	Syllabus covered so far		
September (after exams)			Business or official letters (enquiry, order, complaint, cancellation, writing to school / college authorities and their replies)	
October	Ch 8: Going Places	Ch 7: Evans Tries an O Level	Application for a job and bio-data	Epilogue, themes, symbols and motifs
November	Revision	Revision		
December	Pre Board I	Whole Syllabus		
Jan – Feb	Pre Board II	Whole Syllabus		

Brain International School

Class –XII

Subject – Mathematics

Syllabus:2018-19

Month	Book- Mathematics (Ncert) Mathematics (R.S. Aggarwal)
March	Ch-3 Matrices
April	Ch-3 Matrices(cont.) Ch-4 Determinants Ch-2 Inverse Trigonometry
May	Ch-5 Continuity And Differentiability Ch-6 Applications Of Derivatives
June	Periodic Test-I (Ch-2,3,4,5,6)
July	Ch-6 Applications Of Derivatives(Cont.) Ch-7 Indefinite Integrals Ch-7 Definite Integrals
August	Ch-8 Application Of Integrals Ch-9 Differential Equations Ch-12 Linear Programming
September	Ch-10 Vectors Periodic Test-II (Ch- 2,3,4,5,6,7,8,9,10,12) Ch-11 Three- Dimensional Geometry

October	Ch-11 Three- Dimensional Geometry(to be cntd...) Ch-13 Probability
November	Ch-1 Relation And Functions Revision
December	Periodic Test-III/Pre-Board-I (All Chapters)
January/February	Periodic Test-IV/Pre-Board-II (All Chapters)

BRAIN INTERNATIONAL SCHOOL

Class: XII

Subject: Accountancy

Syllabus: 2018-19

MONTH	Book- T.S. Grewal
March	PART B: Financial Statement Analysis Unit 4. Financial Statement Analysis Chapter 1: Financial statements of a company: balance sheet of a company Chapter 2: Financial Statement Analysis Chapter 3: Tools for Financial Statement Analysis Chapter 4: Accounting Ratios
April	PART B: Financial Statement Analysis Unit 4. Financial Statement Analysis Chapter 4: Accounting Ratios (Continued) PART A: Accounting for Not-for-Profit Organizations, Partnership Firms and Companies Unit 1: Financial Statements for Not-for-Profit Organizations Unit 3: Accounting for Companies Chapter 1: Accounting for share capital
May	Unit 3. Accounting for share Capital Chapter 1: Accounting for share capital (Continued) Chapter 2: Accounting for Debentures Chapter 3: Redemption of debentures
June	Periodic Test-I PART B: Financial Statement Analysis (Unit 4 -Ch:1 to 4) PART A: Accounting for Not-for-Profit Organizations, Partnership Firms and Companies (Unit 1; Unit 3- Ch:1 to 3)
July	PART A: Accounting for Not-for-Profit Organizations, Partnership Firms and Companies Unit 2. Accounting for Partnership firms Chapter 1: Accounting for Partnership firms – Fundamentals Chapter 2: Goodwill: nature & valuation
August	PART A: Accounting for Not-for-Profit Organizations, Partnership Firms and Companies Unit 2. Accounting for Partnership firms Chapter 4: Admission of a partner Chapter 5: Retirement and death of a partner
September	Revision Periodic Test-II PART B: Financial Statement Analysis (Unit 4 -Ch: 1 to 4) PART A: Accounting for Not-for-Profit Organizations, Partnership Firms and Companies (Unit 1; Unit 2- Ch:1,2,4,5 ; Unit 3- Ch:1 to 3)

October	PART A: Accounting for Not-for-Profit Organizations, Partnership Firms and Companies Unit 2. Accounting for Partnership firms Chapter 5: Retirement and death of a partner (Continued) Chapter 3: Change in the Profit Sharing Ratio among the existing partners Unit 2. Accounting for Partnership firms Chapter 6: Dissolution of partnership firms
November	PART B: Financial Statement Analysis Unit 5. Cash Flow Statement Chapter 5: Cash Flow Statement
December	Preboard I (All Chapters)
January	Preboard II (All Chapters)
February	Revision
March	Board Examination

Project : 20 Marks

BRAIN INTERNATIONAL SCHOOL

Class: XII

Subject: Business Studies

Syllabus: 2018-19

MONTH	Book- N.C.E.R.T ; G.S.Alag
March	PART A: PRINCIPLES AND FUNCTIONS OF MANAGEMENT Unit 1 : Nature and Significance of Management Activity: A comparative study of management as Science, Art and Profession Examples of different levels of management from real life Unit 2: Principles of Management Activity: Application of Taylor and Fayol techniques to different real life situation
April	Unit 2: Principles of Management (Continued) Activity: Application of Taylor and Fayol techniques to different real life situation Unit 3: Business environment Activity: Discussion on the impact of external environment on business; Effect of Demonetization PART B: BUSINESS FINANCE AND MARKETING Unit 11: Marketing Management Activity: To collect information on various promotional techniques used by the companies to promote their product with their benefits and limitations
May	PART B: BUSINESS FINANCE AND MARKETING Unit 11: Marketing Management (Continued) Activity: To collect information on various promotional techniques used by the company with their benefits and limitations PART A: PRINCIPLES AND FUNCTIONS OF MANAGEMENT Unit 4: Planning Activity: Examples of planning in real life situations Unit 5: Organizing Activity: Discussion on Delegation and Decentralization of Authority with the help of real life examples
June	Periodic Test – I PART A: PRINCIPLES AND FUNCTIONS OF MANAGEMENT (Unit- 1 to 5) PART B: BUSINESS FINANCE AND MARKETING (Unit- 11)
July	Unit 6: Staffing Activity: Discussion on difference between recruitment and selection . Class discussion on various merits and demerits of training method Unit 7: Directing Activity: Preparation of list of various monetary and non-monetary incentives and their impact
August	Unit 7: Directing (Contd) Unit 8: Controlling

	Activity: Discussion on consequences of not controlling an activity
September	Revision Periodic Test – II PART A: PRINCIPLES AND FUNCTIONS OF MANAGEMENT (Unit- 1 to 8) PART B: BUSINESS FINANCE AND MARKETING (Unit-11)
October	PART B: BUSINESS FINANCE AND MARKETING Unit 9: Financial Management Unit 10: Financial Markets Activity: A discussion on Capital market and Money market An activity to find out why DEMAT account is necessary
November	Unit 12: Consumer Protection Activity: To prepare a flow chart on redressal machinery
December	Revision Preboard I PART A: PRINCIPLES AND FUNCTIONS OF MANAGEMENT (All Units) PART B: BUSINESS FINANCE AND MARKETING (All Units)
January	Preboard II PART A: PRINCIPLES AND FUNCTIONS OF MANAGEMENT (All Units) PART B: BUSINESS FINANCE AND MARKETING (All Units)
February	Revision
March	Board Examination

PROJECT WORK : 20 Marks

BRAIN INTERNATIONAL SCHOOL**Class – XII****Subject – ECONOMICS****Syllabus: 2018-19**

Month	Books	Activities
March	Micro Economics - Sandeep Garg Macro Economics – Sandeep Garg	
March	Ch 1 Introduction Ch 2 Consumer Equilibrium	Activity: Discussion on normal and inferior goods.
April	Ch 3 Demand CH 4 Elasticity of Demand Ch 5 Production Function	Activity : List out some daily life examples where law of demand works and where it fails.
May	Ch 6 Cost Ch 7 Revenue CH 8 Producer’s Equilibrium	Activity: Find out profit maximization conditions of a producer.
June	PERIODIC TEST-1	CH-1,2,3,4,5,6,7,8
July	Ch 9 Supply Ch 10 Forms of Market Ch 11 Determination of market equilibrium Ch-12 Simple Application: tools of demand and supply	Activity: Analyse the impact of recent policies introduces by our Honorable PM using Economic Forces of Demand and Supply.
Aug	Ch 13 Some basic concepts of macro economics Ch 14 National Income and related aggregates Ch 15 Measurement of National Income	Activity: List out some activities which are not included in national Income Accounting.
September	PERIODIC TEST – 2 Ch 16 Money	CH-1,2,3,4,5,6,7,8,9,10,11,12,13,14,15
October	Ch 17 Banking Ch 18 Aggregate Demand and Supply Ch 19 Income Determination	Activity : Visit to any Bank and collect the information regarding its functioning.
November	Ch 20 Excess and Deficient Demand Ch 21 Govt Budget Ch 22 Balance of Payment Ch 23 Foreign Exchange	Activity: Give a brief overview of relationship between change in India’s international trade policy and its impact on the value of rupee in foreign market.
December	REVISION AND PREBOARD -1	All Chapters

January	PREBOARD - 2	All Chapters
February	REVISION	All Chapters
March	BOARD EXAMINATION	All Chapters

Project – 20 Marks

Suggestive list by CBSE:

Price Determination

- Price Discrimination
- Opportunity Cost
- Production Possibility Curve
- Demand and its determinants
- Supply and its determinants
- Production – Returns to a Factor
- Cost function and Cost Curves
- Monopoly
- Oligopoly
- Monopolistic Competition
- Credit Creation
- Money Multiplier
- Central Bank and its functions
- Foreign Exchange Markets
- Balance of payments
- Any other topic

S.No.	Heading	Marks Allotted
1.	Relevance of the topic	3
2.	Knowledge Content/Research Work	6
3.	Presentation Technique	3
4.	Viva	8
Total		20 Marks

BRAIN INTERNATIONAL SCHOOL**Class -XII****Subject – INFORMATICS PRACTICES****Syllabus: 2018-19**

Month	Book –INFORMATICS PRACTICES	Activities
March/ April/May	Ch-6: Data Connectivity Ch-1: Computer Networking Ch-2: Open Source Concepts Ch-3: GUI Programming-A Review Ch-4: Basics of Object Oriented Programming	<ul style="list-style-type: none"> ❖ To create connection between NetBeans and MySQL for showing data in Table from database. ❖ To identify the type of network used in school. ❖ To identify different networking devices available in school’s computer laboratory. ❖ Browsing Internet to search about different open source softwares. ❖ Creating an application to display message in using Label, Textbox, Message Dialog in Netbeans GUI application. ❖ Creating an application to show the concatenation of two strings. ❖ Creating a Calculator with basic operations. ❖ Creating Voter Registration application. ❖ To create Students Result Sheet. ❖ To create a Salary Calculator. ❖ To create a Discount and Bill Payment application. ❖ To create a Railway Ticket Booking application.
June	PERIODIC TEST – I	CH- 1,2,3,4,6
July	Ch-5: Advanced Programming Concepts	<ul style="list-style-type: none"> ❖ To display the use of method overloading and abstract class in a java program.
August	Ch-7: Web Applications Ch-8: MySQL Revision Tour	<ul style="list-style-type: none"> ❖ To create an HTML page to display an Article on the topic “Need of Internet”. ❖ To create an HTML page to display Pizza Hut menu. ❖ Creating a Table XII and filling data in it. ❖ Displaying data with the help of Queries as per the criteria given.
September	REVISION/ PERIODIC TEST – II	CH-1,2,3,4,5,6,7,8
October	Ch-9: More on Databases and MySQL Ch-10: Advanced RDBMS Concepts	<ul style="list-style-type: none"> ❖ To show the usage of Update, Alter and Delete commands in a table. ❖ Creating two tables and applying different constraints on these tables. ❖ Applying joins for sharing information in two tables.
November	Ch-11: IT Applications	<ul style="list-style-type: none"> ❖ To browse Internet to get the benefits and disadvantages of different IT applications.
December	Revision Pre-Board Exam-I	ALL CHAPTERS
January/	Pre-Board Exam-II	ALL CHAPTERS

February	Board Exam	ALL CHAPTERS
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BRAIN INTERNATIONAL SCHOOL**Class – XII****Subject – Physical Education****Syllabus: 2018-19**

Month	Book	Practical / Activities
March	Ch. I (Planning in Sports) Ch. II (Sports and Nutrition)	➤ General Rule
April	Ch. III (Yoga and Lifestyle) Ch. IV (Physical Education and Sports for CWSN)	➤ Specifications of playfields and related sports equipments ➤ Latest General rules Of the Game/Sports ➤ AAPHERD Test (Pull-up (boys) and Flexed arm hang (girls), Bend Knee sit-up, standing broad jump, shuttle run, 50 Yard dash, 600 Yard run and walk) ➤ Skills and Match
May	Ch. V (Children and Sports) Ch. VI (Women and Sports) Revision (Ch. I to Ch. V)	➤ Athletic Activity (Shot put and 800 M Run) ➤ Practical file ➤ Match and Fundamental Skills
June	Periodic Test-I	Ch. I to Ch. V
July	Ch. VII (Test and Measurement in Sports) Ch. VIII (Physiology and Sports)	➤ Important tournaments and venues ➤ AAPHERD Youth Fitness Test (Pull-up (boys) and Flexed arm hang (girls), Bend Knee sit-up, standing broad jump, shuttle run, 50 Yard dash, 600 Yard run and walk) ➤ Skills and Match
August	Ch. IX (Sports Medicine) Ch. X (Kinesiology, Biomechanics and Sports)	➤ Fundamental skills of the game/sports ➤ Specific exercises of warm-up and conditioning ➤ AAPHERD Youth Fitness Test ➤ Related sports terminologies and Viva
September	Periodic Test-II Ch. XI (Psychology and Sports)	➤ Ch. I to Ch. IX ➤ AAPHERD Test (Pull-up (boys) and Flexed arm hang (girls), Bend Knee sit-up, standing broad jump, shuttle run, 50 Yard dash, 600 Yard run and walk) ➤ Skills, Match and Viva
October	Ch. XI (Psychology and Sports) Cntd.	➤ AAPHERD Test (Pull-up (boys) and Flexed arm hang (girls), Bend Knee sit-up, standing broad jump, shuttle run, 50 Yard dash, 600 Yard run and walk) ➤ Fundamental Skills (game/sports)
November	Ch. XII (Training in Sports)	➤ Fundamental Skills (game/sports) ➤ Practical file ➤ Viva
December	Revision (Ch. I to Ch. XII) Pre board I	➤ Ch. I to Ch. XII ➤ AAPHERD Test (Pull-up (boys) and Flexed arm hang (girls), Bend Knee sit-up, standing broad jump, shuttle run, 50 Yard dash,

		600 Yard run and walk) ➤ Practical File, Viva and Fundamental Skills
January	Pre board II	
February	Revision	
March	Board Examination	