

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) |
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| 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 |

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| 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 |
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| 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) |

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| 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 |
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| 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 |

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| | 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 introduced 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 |

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| 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 |

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| 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, |

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