** ROYAL OAK INTERNATIONAL SCHOOL**

**Sr. Sec. C.B.S.E Affiliated**

**SESSION: 2019-20**

**Whole year syllabus of class XII**

**SUBJECT -ENGLISH (301)**

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| **MONTH** | **DAYS** | **TOPICS** | **ASSIGNMENT** |
| **MARCH** |  | Flamingo : The Last Lesson (Lesson - 1)Writing Skill : Notice | **Assignments****and****Worksheets****will be****provided****every****fortnight according****to****the****requirement****of the** **chapters.** |
| **APRIL**  | **21** | Flamingo : The Lost Spring (Lesson - 2) Flamingo : My Mother at Sixty Six (Poem - 1) Flamingo : An Elementary School Classroom in a Slum (Poem 2) Vistas : The Third Level (Lesson – 1)Writing Skill : Advertisements (Situation Wanted/ Vacant, Accommodation Wanted, To Let, Sale & Purchase), Letter to Editor**Reading:** Note Making |
| **MAY**  | **(23)** | Flamingo : Deep Water (lesson - 3) Flamingo : Keeping Quiet (Poem - 3)Vistas : The Tiger King (Lesson 2)Vistas : Journey to The End of The World(Lesson -3) Writing Skills : Job Applications, Placing Order, Cancelling orders, Enquiry Letter **Reading:** Note Making, Unseen Passage **(ASL)** |
| **JULY**  | **(10)** | Flamingo –Rattrap (Lesson - 4)Vistas – The Enemy (lesson - 4)Writing Skills : Formal And Informal InvitationsArticle Writing & Poster |
| **WRITTEN EVALUATION SYLLABUS UT- I M.M.(40)****Flamingo :**The Last Lesson, The Lost Spring, Deep Water, My Mother at Sixty Six An Elementary School Classroom in a Slum, Keeping Quiet **Vistas :** The Third Level, The Tiger King, Journey to The End of The World**Writing Skill :** Notice, Advertisements, Letter to EditorJob Applications, Placing Order , Cancelling orders, Enquiry Letter **Reading:** Note Making |
| **AUGUST**  | **(20)** | Flamingo- Indigo (Lesson 5)Flamingo-A thing of Beauty (Poem 4)Vistas : Should Wizard Hit Mommy(lesson - 5) Vistas : On The Face of It (Lesson -6)Writing Skills : Complaint Letter & Debate |  |
| **WRITTEN EVALUATION SYLLABUS Half Yearly Exam M.M. 80****Flamingo :**The Last Lesson, The Lost Spring, Deep Water, Indigo **Poem :** My Mother at Sixty Six, An Elementary School Classroom in a Slum, Keeping Quiet, A thing of Beauty **Vistas :** The Third Level, The Tiger King, Journey to The End of The World, The Enemy, Should Wizard Hit Mommy **Writing Skill :** Notice, Advertisements, Letter to Editor, Job Applications, Placing Order , Cancelling orders, Enquiry Letter, Article & Debate **Reading:** Note Making, Unseen Passage |
| **SEPTEMBER** | **(19)** | Flamingo :Poets And Pancakes(lesson 6)Flamingo :The Interview Part 1 &2(lesson 7)Flamingo : Road side Stand (Poem - 5)Writing Skills : Speech & Report |
| **OCTOBER** | **(17)** | Flamingo : Going Places (Lesson 8)Flamingo :Aunt Jennifer’s Tiger (Poem - 6)Vistas : Evan Tries an O level (lesson - 7)Vistas : Memories of Childhood(lesson - 8) |
| **NOVEMBER** |  | **ASL, Revision And Pre Board Exam (Whole Syllabus)** |  |
| **DECEMBER** |  | **Revision And Pre Board Exam (Whole Syllabus)** |
| **JANUARY** |  | **Pre Board / Practical/Remedials** |
| **FEBRUARY** |  | **Board Practical Examination** |
| **MARCH** |  | **CBSE BOARD EXAMINATION** |
| **WRITTEN EVALUATION SYLLABUS: PRE-BOARD –I& II (M. M. – 80)****Reading:** Unseen Passage, Note Making**Writing Skill :** Notice / Advertisements / Poster / Invitation, Letter Writing, Article, Speech, Debate & Report**Flamingo :**The Last Lesson, The Lost Spring, Deep Water, The Rattrap, Indigo, Poets And Pancakes, The Interview Part 1 &2, Going Places**Poem :** My Mother at Sixty Six, An Elementary School Classroom in a Slum, Keeping Quiet, A thing of Beauty, Road side Stand, Aunt Jennifer’s Tiger**Vistas :** The Third Level, The Tiger King, Journey to The End of The World, The Enemy, Should Wizard Hit Mommy, Evan Tries an O level, Memories of Childhood  |

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**Maths**

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| **Month &** **(day)** | **Exams** | **M.****Marks** | **Content** | **Mathematics Activities:****( Mathematics - Lab manuals)** |
| **Apr.****( 12)** | **Class Test – 1**  | **25** | Ch : 3 Matrices Ch : 4 DeterminantsCh : 2 Inverse Trigonometric Functions | **Activity- 1.**To explore the principal value of the functionsin–1x using a unit circle.**Activity- 2.** |
| **May & July.****(8+25)** | **CT- 2** **PT- 1** | **25****30** | Ch : 5.Continuity and differentiabilityCh : 6. Application of derivativeCh : 7. Integration | **Activity-** To find analytically the limit of afunction f (x) at x = c and also to check the continuity of the function at thatpoint.**Activity-** To construct an open box of maximumvolume from a given rectangular sheet by cutting equal squares from eachcorner.**Activity-** To verify Rolle’s Theorem**Activity-**To verify Lagrange’s Mean ValueTheorem. |
| **WRITTEN EVALUATION SYLLABUS UT I M.M. (50)** Ch : 3 Matrices Ch : 4 Determinants Ch : 2 Inverse Trigonometric FunctionsCh:-1. Relations and functions Ch:5. Continuity and differentiability Ch:6. Application of derivative |
| **Aug. & Sept****(23+22)** | **Half Yearly****Exams** | **80** | Ch : 8. Application of Integration.Ch : 9. Differential Equation Ch : - 10 Vectors (supplementary material)Ch : - 11 Three dimensional Geometry . | **Activity-** To verify geometrically that :c×(a +b)=c×a +c×b**Activity** :To measure the shortest distance between two skew lines and verify it analytically. |
| **WRITTEN EVALUATION SYLLABUS Half Yearly Exam M.M. (100)** All the Chapters. 1,2,3,4,5,6,7, 8, 9 |
| **Oct. & Nov.****(19+21)** | **CT- 3****PT- II** | **25****30** | Ch:- 12 Linear ProgrammingCh: -13 ProbabilityCh:-1. Relations and functions  | **Activity :** To explain the computation of conditional probability of a given event A, when event B has alreadyoccurred, through an example of throwing a pair of dice. **Activity :** To verify that the relation R in the setL of all lines in a plane, defined byR = {(*l*, *m*) : *l* *m*} is symmetric but neither reflexive nor transitive.**Activity :** To demonstrate a function which isnot one-one but is onto. |
| **WRITTEN EVALUATION SYLLABUS UT I & II M.M. (50)**Full syllabus Revision for pre-board – 1  NCERT based. PRE –Board II |
| **Dec. & Jan.****(12+23)** | **PT- 3** | **30** | Projects :To minimise the cost of the food, meeting the dietary requirements of the staple food of the adolescent students of your school. |  |
| **Feb.****(21)** | **Practicals & Yearly Exams** | **20+****80** |  Revision for final exams  | **Annual Mathematics Lab Activities:** |
| **WRITTEN EVALUATION SYLLABUS Yearly Exam M.M. (100)**All the Chapters (Ch .No -1 to Ch .no 13 ) Board Practical’s |

**Science**

**Biology**

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| Month | No. of days | Content |  Practical |
| March-April  | 26 | Ch 1. Reproduction in organismsCh 2. Sexual reproduction in flowering plantsCh 3. Human reproductionCh 4. Reproductive Health | 1. Study pollen germination on a slide.**Spotting:** 1. Flowers adapted to pollination by different agencies2. Pollen germination on stigma through a permanent slide.3. Identification of stages of gamete development i.e. T.S. of testis and T.S. of ovary).4. Exercise on controlled pollination - emasculation, tagging and bagging. |
| May | 24 | Ch 5. Principles of inheritance and variationsCh 6. Molecular basis of inheritance | 3. Mendelian Inheritance using seeds of different colour/size of any plant.2. Study of prepared Pedigree charts of genetic traits such as - widow’ s peak, colour blindness, Rolling of tongue, ear lobes & blood groups.3. Prepare temporary mount of onion root tip to study mitosis.4. Study of meiosis in onion bud cells or grasshopper testis through permanent slides. |
| July | 23 | Ch 7.EvolutionCh 8. Human health and diseasesCh 9.Strategies for Enhancement in food production | 1. Common disease causing organisms like Plasmodium, Ascaris, Entamoeba and Roundworm through permanent slides or specimens. Comment on symptoms of disease that they cause.2. Two plants & two animals (model /virtual images) found in xeric conditions. Comment upon their morphological adaptations. |
| **Written Evaluation syllabus** UT – I (50) Ch 1. Reproduction in organisms Ch 2. Sexual reproduction in flowering plantsCh 3. Human reproduction Ch 4. Reproductive Health Ch 5. Principles of inheritance and variations |
| August | 21 | Ch 10.Microbes in Human WelfareCh11.Biotechnology principles and processesCh 12. Biotechnology and its Applications | Isolation of DNA from easily available plant material like spinach, pea, papaya etc. |
| September  | 19 | Revision Classes |  |
| **Written Evaluation** **syllabus**  Half yearly exam 100 (Theory + Practical)Ch 1. Reproduction in organisms Ch 2. Sexual reproduction in flowering plantsCh 3. Human reproduction Ch 4. Reproductive Health Ch 5. Principles of inheritance and variationsCh 6. Molecular basis of inheritance Ch 7.Evolution Ch 8. Human health and diseasesCh 9.Strategies for Enhancement in food production Ch 10.Microbes in Human Welfare |
| October | 18 | Ch 13. Organisms and populationsCh 14. EcosystemCh 15. Environmental issuesCh 16. Biodiversity and its conservation | Collect soil from at least two different sites & study them for texture, moisture content , pH & water holdingcapacity. Correlate with the kinds of plants found in them.2. Collect water from two different water bodies around you and study them for pH, clarity & presence of any living organisms. |
| November | 19 |  |  |
| **Written Evaluation syllabus** Pre Board I 100 (Theory + Practical)Complete Syllabus |
| December | 21 | Remedial Classes  |  |
| January | 19 |  |  |
| **Written Evaluation syllabus** Pre Board II 100 (Theory + Practical)Complete Syllabus AISSCE Practical Examination |

**Chemistry**

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| Month | No. of days | Content |  Practical |
| April  | 18 | Unit I SolutionsUnit II ElectrochemistryUnit IX Haloalkanes and Haloarenes | 1. To determine the molarity of KMnO4 by titrating it against standard solution of Oxalic acid |
| May | 23 | Unit X Alcohols, Phenols and Ethers Unit XIAldehydes, Ketones and Carboxylic acidsUnit XII Organic Compounds containing Nitrogen | 2. To determine the molarity of KMnO4 by titrating it against standard solution of Mohr`s salt. |
| July | 23 | Unit III Chemical KineticsUnit IV Surface Chemistry | 3. To identify one Acidic and one Basic radical in the given inorganic compound. |
| **Written Evaluation syllabus** UT – I (50) Solutions Electrochemistry Haloalkanes and Haloarenes Alcohols, Phenols and Ethers Aldehydes, Ketones and Carboxylic acids Organic Compounds containing Nitrogen |
| August | 20 | Unit XIII BiomoleculesUnit XIV PolymersUnit XV Chemistry in Everyday life |  |
| September  | 19 | General Principles and Process of Isolation of Elements |  |
| **Written Evaluation** **syllabus**  Half yearly exam 100 (Theory + Practical)Solutions Electrochemistry Haloalkanes and HaloarenesAlcohols, Phenols and Ethers Aldehydes, Ketones and Carboxylic acidsOrganic Compounds containing Nitrogen Biomolecules Polymers Chemistry in Everyday life |
| October | 17 | Unit VI p- Block ElementsUnit VII d- and f- Block Elements Unit VIIICoordination compounds | 4. To identify the functional group in the given organic compound. |
| November | 19 |  |  |
| **Written Evaluation syllabus** Pre Board I 100 (Theory + Practical)Haloalkanes and Haloarenes Alcohols, Phenols and Ethers Aldehydes, Ketones and Carboxylic AcidsOrganic Compounds containing Nitrogen Biomolecules Polymers Chemistry in Everyday Life Solutions Electrochemistry Chemical KineticsSurface Chemistry General Principles and Process of Isolation of Elementsp- Block Elements d- and f- Block Elements Coordination Compounds |
| December | 16 | Revision |  |
| January | 19 | Revision |  |
| **Written Evaluation syllabus** Pre Board II 100 (Theory + Practical)Haloalkanes and Haloarenes Alcohols, Phenols and EthersAldehydes, Ketones and Carboxylic Acids Organic Compounds containing NitrogenBiomolecules Polymers Chemistry in Everyday Life SolutionsElectrochemistry Chemical Kinetics Surface ChemistryGeneral Principles and Process of Isolation of Elements p- Block Elements d- and f- Block Elements Coordination Compounds |

**Physics**

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| Month | No. of days | Content |  Practical |
| April to May | 22 | Ch.1 Electric charges and electric fieldsCh 2. Electrostatic potential and capacitanceCh 3.Current electricityCh 4. Moving charges and magnetism | three experiments and two activities from section A |
| July to August |  | Ch 5. Magnetism and matterCh 6. Electromagnetic inductionCh 7. Alternating currentCh 8. Electromagnetic waves | four experiments and two activities from section A |
| **Written Evaluation syllabus** UT – I & II (50) Ch.1 Electric charges and electric fields Ch 2. Electrostatic potential and capacitanceCh 3. Current Electricity Ch 5. Magnetism and matter Ch 6. Electromagnetic induction Ch 7. Alternating current Ch 8. Electromagnetic waves |
| September |  | Ch 9. Ray Optics & Optical instrumentsCh10. Wave OpticsCh 11. Dual Nature of radiation & MatterCh 12. Nuclei |  |
| **Written Evaluation** **syllabus**  Half yearly exam 100 (Theory + Practical)covered up to SA I |
| October to November |  | Ch 12. AtomsCh13. NucleiCh 14. Semiconductor Electronics: Material, Devices & sample circuits. | three experiments and two activities from section B |
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| **Written Evaluation syllabus** Pre Board I 100 (Theory + Practical)Complete Syllabus |
| Dec. | 21 | Revision | four experiments and two activities from section B |
| Jan. | 18 | Revision |  |
| **Written Evaluation syllabus** Pre Board II 100 (Theory + Practical)Complete Syllabus AISSCE Practical Examination |

**POLITICAL SCIENCE (084)**

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| **MONTH/****DAY** | **WORKING DAYS** | **CONTENT** | **CHAPTER COVERED****BY****ASSIGNMENTS/ WORKSHEETS** |
| **March and April** | 28 | **Book 1** – Ch 1. Cold War**Book 2** - Ch 1. Challenges to Nation Building Ch 2. Era of one party Dominance Ch 3. Politics of Planned Development  | Assignments , worksheets, projects and vivas will be according to the requirement of the chapter  |
| **May** | **23** | **Book 2** - Ch 4. External Relations Ch 5. Challenges of restoring of Congress systemCh 6. The crisis of Democratic order  |
| **WRITTEN EVALUATION SYLLABUS UTI JULY M.M 50**Book 1 – Ch-1 Book 2 Ch – 1 to 6 |
| **July** | **25** | **Book 2** - Ch 7. Rise of popular Movement Ch 8. Regional Aspiration Ch 9. Recent Developments | Assignments , worksheets, projects and vivas will be according to the requirement of the chapter  |
| **WRITTEN EVALUATION SYLLABUS Half Yearly Exams SEPTEMBER**Book 1 – Ch -1 Book 2 - Ch – 1 - 9 |
| **August** | **21** | **Book 1** – Ch 2. The end of bipolarity Ch 3. U.S. Hegomany Ch 4. Alternative centres of power  | Assignments , worksheets, projects and vivas will be according to the requirement of the chapter  |
| **September** | **21** | **Book 1** – Ch 5. Contemporary South Asia Ch 6. International organizations  | Assignments , worksheets, projects and vivas will be according to the requirement of the chapter  |
| **WRITTEN EVALUATION SYLLABUS Pre Board-1 November**The Syllabus covered from March 2019 to Sept. 19. |
| **October** | **19** | **Book 1** – Ch 7. Security in contemporary world Ch 8. Environment and Natural Resources | Assignments , worksheets, projects and vivas will be according to the requirement of the chapter  |
| **November** | **21** | **Book 1** – Ch 9. Globalization  |  |
| **WRITTEN EVALUATION SYLLABUS PREBOARD 2 JANUARY**Whole Syllabus (Book 1 Ch 1 to 9 , Book 2 Ch – 1 to 9) |
| Details of Project Work 1. The Project work will be implemented in class XI from the session i.e. 2019-20. 2. Out of 20 marks, 10 marks are to be allotted to viva voce and 10 marks for project work. 3. For class XI, only internal assessment is to be done. 4. The project can be individual/pair/group of 4-5 each. The Project can be made on any of the topics given in the syllabus of a particular class. 5. The suggestive list of activities for project work is as follows:- - - Role Play, Skit, Presentation, Model, Field Survey, Mock Drills/Mock Event etc. 6. The teacher should give enough time for preparation of the Project Work. The topics for Project Work taken up by the student must be discussed by the teacher in classroom |

**Accountancy**

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| **MONTH/****DAY** | **WORKING DAYS** | **CONTENT** | **CHAPTER****COVERED****BY****ASSIGNMENTS/ WORKSHEETS** |
| March-April  | 27 | Unit-1 Chapter-2 Accounting for Partnership firm-fundamentalChapter-3 GoodwillChapter-4 Change in profit sharing ratio among existing | **Comprehensive Project** |
| May | 24 | Unit-1 Chapter-5 Admission of PartnerUnit-2 Chapter-6 Retirement and death of Partner |
| **WRITTEN EVALUATION SYLLABUS UTI M.M. (50)**Till the syllabus completed |
| **July** | 22 | Unit-1 Chapter-7 Dissolution of Partnership firmChapter-1 Not for Profit Organisation |  |
| **WRITTEN EVALUATION SYLLABUS Half Yearly Exams SEPTEMBER****I**Book 2 - Ch – 1 - 9 |
| **August** | 21 | Unit-2 Chapter-8 Accounting for company-share capitalChapter-9 Issue of debenture | **Specific Project-1****(Segment Reporting)** |
| **September** | 17 | Chapter-10 (Redemption of Debenture) |  |
| **WRITTEN EVALUATION SYLLABUS Pre Board-1 November**Till the syllabus completed |
| **October** | 20 | Unit-3 **Book-3** Chapter-5 Cash flow StatementChapter-4 Ratio Analysis | **Specific Project-2****(Cash Flow Statement)** |
| **November** | 15 | Chapter-1 Financial Statement of companyChapter-2 Financial statement analysisChapter-3 Comparative and Common Size statement |  |
| **WRITTEN EVALUATION SYLLABUS PREBOARD 2 JANUARY**Whole Syllabus |

**Business Studies**

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| **Month** | **No. of days**  | **Content** | **Unit** | **Blue print Unit wise** | **Practical** |
| March-April  | 27 | Chapter-1 (Nature and Significance of Management)Chapter-2 Principles of Management |  Unit- | 16 |  |
| May | 24 | Chapter-3 Business EnvironmentChapter-4 PlanningChapter-5 Organising | Unit-2 | 14 |  **Project-1 (Business Environment)** |
| July | 22 | Chapter-6 StaffingChapter-7 Directing  | Unit-3 | 20 |  |
| **Written Evaluation syllabus**  UTI (50)Chapter-1 to 5 (Up to Organising) |
| Aug. | 21 | Chapter-8 ControllingChapter-9 Financial management | Unit-4 | 15 |  |
| Sept.  | 17 | Chapter-10 (Financial Market) |  |  |  |
| **Written Evaluation syllabus Half yearly exam** 100 (Theory + Practical)Chapter-1 to 10 (Up to Financial Market) |
| Oct. | 20 | Chapter-11 (Marketing Management)Chapter-12 (Consumer protection) | Unit-5 | 15 | **Project-2** **(Marketing Management)** |
| Nov. | 15 | Revision |  |  |  |
| **Written Evaluation syllabus Pre Board I** 100 (Theory + Practical) |
| Dec. | 21 | Revision |  |  |  |
| Jan. | 18 | Revision |  |  |  |
| **Written Evaluation syllabus** Pre Board II100 (Theory + Practical)Complete Syllabus AISSCE Practical Examination |

 **Economics**

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| **Month** | **No. of days**  | **Content** | **Unit** | **Blue print Unit wise** | **Practical** |
| March-April  | 27 | **Macro Economics**(i)National Income Accounting( Ch-1 (Circular Flow of Income)Ch-2 (Basic Concepts of Macroeconomics)Ch-3 (National Income and Related Aggregates)(ii)Money and Banking)**Indian Economics Development**(i)Indian Economy on the Eve of Independence | Unit-1 Unit-2  | 1006 |  |
| May | 24 | **Macro Economics**(iii)Determination of income and employment**Indian Economic Development**(ii)Indian Economy(a)Agricultural Sector (b) Industrial Sector(c) Foreign Trade | Unit-2Unit-3 | 12 | **Project on Different topics suggested by CBSE** |
| July | 22 | **Macro Economics**(iv) Government Budget(v)Balance of Payment **Indian Economic Development**(iii) Liberalisation; privatization and Globalisation :an appraisal | Unit-4Unit-5Unit-3 | 66 |  |
| **Written Evaluation syllabus**  UTI 50Till the Chapters completed |
| Aug. | 21 | **MACRO ECONOMICS**(vi)Foreign Exchange (iv)Poverty | Unit-5 | 12 |  |
| Sept.  | 17 | **Indian Economic Development**(v)Human Capital Formation(vi)Rural Development | Unit-5Unit-6 | 6 |  |
| **Written Evaluation syllabus** Half yearly exam 100 (Theory + Practical)Till the Chapters completed |
| Oct. | 20 | **Indian Economic Development**(vii)Employment Growth; Informalisation and other issues(viii)Infrastructure | Unit-7 |  |  |
| Nov. | 15 | Indian Economic Development(ix)(ix)Environment and sustainable development(x)Comparative development experience of india and its neighbours | Unit-8Unit-9 |  |  |
| **Written Evaluation syllabus** Pre Board I 100 (Theory + Practical)Complete Syllabus |
| Dec. | 21 | Revision |  |  |  |
| Jan. | 18 | Revision |  |  |  |
| **Written Evaluation syllabus** Pre Board II 100 (Theory + Practical)Complete Syllabus AISSCE Practical Examination |

**PHYSICAL EDUCATION**

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| **Month** |  **Days** | **Chapters To be covered** | **Activity** | **Worksheet** **Chapter wise** |
| April | 17 | Sports Injuries: - SoftTissue Injuries Award - Arjuna Award1. Planning in sports
2. Sports and Nutrition
3. Yoga and Lifestyle
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| May | 9 | 1. Physical education and sports for differently-abled
2. Children and sports
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| July  | 22 | REVISION |  |  |
| **WRITTEN EVALUATION SYLLABUS UT I M.M. (50)**Sports Injuries: - SoftTissue Injuries Award - Arjuna Award1. Planning in sports 2) Sports and Nutrition 3) Yoga and Lifestyle

4) Physical education and sports for differently-abled |
| Aug. | 21 | 1. Woman and sports
2. Test and Measurement in sports
3. Physiology and sports
4. Sports Medicine
5. Kinesiology, biomechanics and sports
 |  |  |
| Sep | 17 | REVISION |  |  |
| **WRITTEN EVALUATIONSYLLABUS Half Yearly Exam M.M. (100) (Theory + Practical)**Sports Injuries Award –Dronacharya Award1. Planning in sports 2) Sports and Nutrition 3) Yoga and Lifestyle

4) Physical education and sports for differently-abled 5) Children and sports1. Woman and sports
 |
| Oct.  | 20 | 9. Sports Medicine10. Kinesiology, biomechanics and sports11. Psychology and sports12. Training in sports |  |  |
| Nov. | 15 | REVISION |  |  |
| **WRITTEN EVALUATION SYLLABUS PRE- BOARD - I M.M. (100) (Theory + Practical)**Complete Syllabus  |
| Dec. | 21 | REVISION  |  |  |
| Jan. | 18 | REVISION |  |  |
| Feb. | 11 | REVISION |  |  |
| **WRITTEN EVALUATION SYLLABUS PRE- BOARD - II M.M. (100) (Theory + Practical)**Complete Syllabus |

**COMPUTER**

**(CS)**

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| **Month** | **No. of Days** | **Contents (Theory)** | **PRACTICALS** |
| April | **17** | Ch-9 DS-I Linear ListCh-10 DS-II Stack QueuesCh-11 Computer N/W ICh-12 Computer N/W II | Practical of SQL |
| May | **9** | Ch-13 Myql (Revision Tour)Ch-14 More on SQLCh-1 Python Revision Tour I | Practical of SQL and Python |
| July | **22** | Ch-2 Python Revision Tour IICh-17 Society, Law and Ethics**PA I:-(ch 1,2,9,10,11,12,13,14 and ch 17)** | Practical of Python |
| **WRITTEN EVALUATION SYLLABUS** UT I **PA I:-(ch 1,2,9,10,11,12,13,14 and ch 17)** |
| Aug. | **21** | Ch-3 Working with FunctionsCh-4 Using Python LibrariesCh-5 File Handling | Practical of Python |
| Sept. | **9** | Ch-6 Recursion**Half Yearly:- (Ch1,2,3,4,5,6,9,10,11,12,13,14, and Ch 17)** | Practical of Python |
| **WRITTEN EVALUATION SYLLABUS** Half yearly Exam**Half Yearly:- (Ch1,2,3,4,5,6,9,10,11,12,13,14, and Ch 17)** |
| Oct. | **19** | Ch-7 Idea of Algorithmic EfficiencyCh-8 Data Visualization using pyplotCh- 15 Creating a Django based Basic Web Application | Practical of Python |
| Nov. | **15** | Ch-16 Interface Python with MySQL | Practical of Python |
| **WRITTEN EVALUATION SYLLABUS** Pre Board I**Complete Syllabus** |
| Dec. | **18** | **Revision** | Project Work,  |
| Jan. | **18** | **Revision** |  |
| Feb. | **18** | **Revision** |  |
| **WRITTEN EVALUATION SYLLABUS** Pre Board II**Complete Syllabus** |

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| **Month** | **No. of Days** | **Contents (Theory)** | **PRACTICALS** |
| April | **18** | Ch-9:Relational DatabaseCh-10:Simple query in Sql | Practical of Sql |
| May | **8** | Ch-11:Table creation and data manipulationCh-12:Table join and indexes in Sql | Coding related to the table creation and update command  |
| July | **10** | Ch-13:Cyber safety**Pa-I(Ch-9,10,11,12 and Ch-13)** | Practical of Sql(Join commands) |
| **WRITTEN EVALUATION SYLLABUS** UT I **PA I:-( Ch-9,10,11,12 and Ch-13)** |
| Aug. | **20** | Ch-1 : Getting start with PythonCh-2: Python fundamentals | Basic coding of Python |
| Sept. |  | **Revision****(Ch-1,2,9,10,11,12 and 13)** | Coding of Python |
| **WRITTEN EVALUATION SYLLABUS** Half yearly Exam**Half Yearly:- (Ch1,2,3,4,5,6,9,10,11,12,13,14, and Ch 17)** |
| Oct. | **17** | Ch-3: OperatorsCh-4 : Conditional and iteration statements | Coding related to the operators and loops |
| Nov. | **9** | **PA-II(Ch-1,2 ,3 and Ch-4)** |  |
| **WRITTEN EVALUATION SYLLABUS** Pre Board I**(Ch-1,2 ,3 and Ch-4)** |
| Dec. | **20** | Ch-5: List manipulationCh-6: Computer system overview | Coding related to the list manipulation |
| Jan. | **19** | Ch-7: Data representationCh-8:Boolean logic | Practical of Sql and Python  |
| Feb. |  | Revision |  |
| **WRITTEN EVALUATION SYLLABUS** Pre Board II**Complete Syllabus** |

**Sociology**

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| **Months** | **No. of days** | **Contents** | Worksheet and assignment |
| March& April |  | Ch 1. Introducing Indian Society (Non-evaluative)Ch 2. Demographic Structure & Indian Society | Assignments amd worksheets will be provided every fortnight according to the requirement of the chapters |
| May& July |  | Ch 3. Social Institutions-Continuity and changeCh 4. Suggestions for Project Work (Non-evaluative)Ch 5. Market as a Social InstitutionCh 6. Pattern of Social Inequality and ExclusionCh 7. Challenges of Cultural Diversity |
| **WRITTEN EVALUATION SYLLABUS**  UTI (50)2. Demographic Structure & Indian Society3. Social Institutions-Continuity and change5. Market as a Social InstitutionCh 6. Pattern of Social Inequality and Exclusion |
| August&September |  | Ch. 8. Structural ChangeCh 9. Cultural ChangeCh 10. The Story of DemocracyCh 11. Change and Development in Rural Society |
| **WRITTEN EVALUATION SYLLABUS**  **Half Yearly Exam 80 (Theory)+ 20 (practical)**2. Demographic Structure & Indian Society3. Social Institutions-Continuity and change5. Market as a Social Institution6 Pattern of Social Inequality and Exclusion7. Challenges of Cultural Diversity |
| October  |  | Ch 12. Change and Development in Industrial SocietyCh 13.Globalization and Social ChangeCh 14. Mass Media and Communications |
| Nov. |  | Ch 15. Social MovementsRevision |
| **WRITTEN EVALUATION SYLLABUS**  **UT-2**Full syllabus till completed |
| December  |  | Revision |
| Jan. |  | Revision |
| Feb. |  | Revision |
| **WRITTEN EVALUATION SYLLABUS Final Exam** Yearly Exam 100 (theory+practical)  |