

B.C.M. SCHOOL
SYLLABUS OF CLASS XII Class (Commerce & Arts)

EXAMINATION PATTERN (SESSION 2017-2018)

| Exam | Month | Marks |
|-------------|--------------|--|
| Unit Test | May | 50 marks |
| Mid Term | September | Maximum marks for each subject (in all tests) will be as per CBSE pattern. |
| FLT | December | |
| Pre-Board | January | |

NOTE : Weekly tests will be conducted in the months not mentioned above.

General Instructions :

1. It is mandatory for a student to appear in each of the examination.
2. In case of illness, medical certificate must be submitted **within a week of the day of examination** failing which the student will be assigned zero marks in the respective exam.
3. Minimum 75% attendance throughout the session is mandatory for a student to be eligible to appear in the Final Examination.

ENGLISH

SYLLABUS 2017-2018

List of Books : 1. Flamingo 2. Vistas
 3. Reference Book - BBC
 4. Novel - 'The Invisible Man' by H.G. Wells

Section A - 30 Marks
 Section B - 30 Marks
 Section C - 40 Marks

| Month | Syllabus to be covered in : | |
|----------------|--|--|
| March : | (Writing) Short composition i.e. Advertisements, notices, designing or drafting posters, writing formal and informal invitations and replies. Literature - Flamingo - The Last lesson Vistas - - The Tiger King, | PAPER PATTERN Section - A - 30 Marks * Literary, Factual or discursive passages for testing reading comprehension (12+10 M) * Note - Making (8 M) |
| April : | Letter Writing / Debate Literature - Lost Spring, Deep Water My Mother at Sixty-six (Poem) Vistas - The Enemy, Novel - Ch. 1 - 10 | Section - B - 30 Marks * Advertisements, notices, posters, formal and Informal invitations and replies (4 M) * Formal Letters (6 M) a) business or official letters (for making enquiries, registering complaints, asking for and giving information, placing orders and sending replies) |
| May : | Flamingo - The Rat trap, Novel - Ch. 11 -15 An elementary school class room in a slum (Poem) Keeping Quiet (Poem), Should Wizard Hit Mommy Article / Speech for publication in a newspaper or a school magazine. Note Making | b) Letters to the editor c) Application for a job * Report or factual description (10 marks) * Article / Debate / Speech (10 marks) |
| June : | Letters based on verbal input Vistas - Should Wizard Hit Mommy UNIT TEST | Section - C - 40 Marks * Extracts from poems 4 marks * Short answer questions 3X4 = 12 marks * Long answer questions $\frac{6}{\text{Text books}} + \frac{6}{\text{Text books}} + \frac{6}{\text{Novel}} + \frac{6}{\text{Novel}}$ |

ENGLISH

SYLLABUS 2017-2018

| Month | |
|----------------|---|
| JULY : | Flamingo - Aunt Jennifer's Tigers (Poem), A Thing of Beauty (Poem) - Going Places, Indigo Vistas - - On the face of it Novel - Chap. 15 - 20 Debate |
| AUG. : | Vistas - Evans Tries an O Level Memories of Childhood * Cutting of my long hair * We Too are Human Beings |
| SEPT. : | Revision + Half Yearly Exam. |
| OCT. : | Revision |
| NOV. : | Revision |
| DEC. : | FLT |
| JAN. : | Pre-Board |

BOOK : Maths Text Book (NCERT)
Reference Book - R. D. Sharma, NCERT Examples

| Month | |
|--------------|--|
| March | Ch. 3 : Matrices Ch. 4 : Determinants |
| April | Ch. 4 : (continued) Ch. 1 : Relation and Functions Ch. 2 : Inverse Trigonometric Functions |
| May | Ch. 5 : Continuity and Differentiation Ch. 6 : Application of derivatives |
| June | UNIT TEST |
| July | Ch. 7 : Integration Ch. 8 : Application of Integration |
| Aug. | Ch. 9 : Differential Equation Ch. 10 : Vectors |

| Month | |
|-------------|--|
| Sep. | HALF YEARLY EXAM. |
| Oct. | Ch. 11 : Three Dimensional Geometry Ch. 12 : Linear Programming Ch. 13 : Probability |
| Nov. | Revision |
| Dec. | FLT |
| Jan. | Pre-Board |

निर्धारित पुस्तकें :- आरोह – भाग 2 N.C.E.R.T.
वितान – भाग 2 N.C.E.R.T. (पूरक पुस्तक)

| मास | |
|----------|---|
| मार्च : | पद्य खंड – पाठ 1 हरिवंश राय बच्चन गद्य खंड – पाठ 11 भक्तिन व्याकरण – अपठित काव्यांश, गद्यांश, समाचार लेखन, सामाजिक निबंध, औपचारिक पत्र । |
| अप्रैल : | पद्य खंड – पाठ 2 आलोक धन्वा, पाठ 3 कुँवर नारायण गद्य खंड – पाठ 12 बाजार दर्शन, पाठ 13 काले मेघा पानी दे, वितान – पाठ 1 सिल्वर वैडिंग व्याकरण – संपादकीय लेखन, सांस्कृतिक निबंध |
| मई : | पद्य खंड – पाठ 4 रघुवीर सहाय, पाठ 5 गजानन माधव मुक्तिबोध गद्य खंड – पाठ 14 पहलवान की ढोलक, वितान – पाठ 2 जूझ व्याकरण – रिपोर्ट, अनौपचारिक पत्र |
| जून : | इकाई परीक्षा |
| जुलाई : | पद्य खंड – पाठ – 6 शमशेर बहादुर सिंह, पाठ 7 निराला गद्य खंड – पाठ – 15 चार्ली चैप्लिन यानी हम सब, पाठ 16 नमक व्याकरण – फीचर लेखन, राजनैतिक निबंध, आलेख |

| मास | |
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| अगस्त : | पद्य खंड – पाठ 8 तुलसीदास पाठ 9 उमाशंकर जोशी गद्य खंड – पाठ 17 शिरीष के फूल वितान – पाठ 3 अतीत में दबे पाँव व्याकरण – नैतिक निबंध |
| सितंबर: | अर्द्ध वार्षिक परीक्षा |
| अक्टूबर: | पद्य खंड – पाठ 10 फिराक गोरखपुरी गद्य खंड – पाठ 18 श्रम विभाजन और जाति प्रथा मेरी कल्पना का आदर्श समाज वितान – पाठ 4 डायरी के पन्ने |
| नवंबर : | पुनरावृत्ति |
| दिसंबर : | पुनरावृत्ति + पूर्ण पाठ्यक्रम परीक्षा |
| जनवरी : | पूर्वकालीन परीक्षा |
| फरवरी : | पुनरावृत्ति |
| मार्च : | वार्षिक परीक्षा |

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| पाठ्यक्रम एवं अंक विभाजन |
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| | अंक |
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| (क) अपठित बोध (गद्यांश और काव्यांश बोध) 15+5 | 20 |
| (ख) रचनात्मक लेखन एवं जन – संचार माध्यम | 25 |
| (ग) आरोह भाग-2 (काव्यांश – 20 गद्यांश 20) | 40 |
| पूरक पुस्तक : वितान भाग 2 | 15 |
| अपठित बोध | 20 |

खंड 'क'

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| 1. काव्यांश – बोध पर आधारित पाँच लघूत्तरात्मक प्रश्न | 05 |
| 2. गद्यांश – बोध पर आधारित लघूत्तरात्मक प्रश्न तथा शीर्षक का चुनाव | 15 |

खंड 'ख'

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| रचनात्मक लेखन एवं जन – संचार माध्यम | 25 |
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| 3. निबंध | 05 |
| 4. पत्र (कार्यालयी) | 05 |
| 5. जन संचार की निम्नलिखित विधाओं पर पाँच प्रश्न | 05 |
| 6. क) प्रिंट माध्यम संपादकीय रिपोर्ट | |

आलेख अथवा हाल में ही पढ़ी पुस्तक की समीक्षा

ख) फीचर लेखन (जीवन-संदर्भों से जुड़ी घटनाओं और स्थितियों पर फीचर-लेखन) 05
खंड – ग

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|-----------|----|
| काव्य भाग | 20 |
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7. दो काव्यांशों में से किसी एक पर अर्थग्रहण के 4 प्रश्न 08
8. एक काव्यांश के सौंदर्यबोध पर तीन प्रश्न 06
9. कविताओं की विषय-वस्तु से संबंधित तीन में से दो लघूत्तरात्मक प्रश्न 06

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|----------|----|
| गद्य खंड | 20 |
|----------|----|

10. दो में से एक गद्यांश पर आधारित अर्थ-ग्रहण के चार प्रश्न 08
11. पाठों की विषय-वस्तु पर आधारित पाँच में से चार बोधात्मक प्रश्न 12

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|-----------------------------|----|
| पूरक पुस्तक : वितान भाग – 2 | 15 |
|-----------------------------|----|

12. पाठों की विषयवस्तु पर आधारित एक मूल्यपरक प्रश्न 05
13. विषय-वस्तु पर आधारित दो 5+5 10
निबंधात्मक प्रश्न

Text Book - + 2 CBSE Accountancy - 1 By T.S. Grewal

| Month | | |
|--------------|---|-----------|
| | Part - A Accounting for partnership firms and companies :- | Marks |
| | Unit 1 - Accounting for partnership firms | 35 |
| | Unit 2 - Accounting for companies | 25 |
| | | <u>60</u> |
| | Part - B Financial Statement Analysis | |
| | Unit 3 - Analysis of financial statement | 12 |
| | Unit 4 - Cash Flow Statement | 8 |
| | | <u>20</u> |
| | Part - C Project Work | |
| | Project file | 4 |
| | Written Test | 12 |
| | Viva | 4 |
| | | <u>20</u> |
| March | Accounting for partnership firms - Fundamentals | |

| Month | |
|-------|--|
| April | Goodwill : Nature and Valuation, Change in profit sharing ratio among the existing partners and Admission of a partner |
| May | Admission of a partner (Conti.) and Retirement / Death of a partner |
| June | Unit Test |
| July | Dissolution of a partnership firm |
| Aug. | Share Capital, Debentures |
| Sept. | HALF YEARLY EXAM. |
| Oct. | Cash Flow Statement, Analysis of Financial Statement |
| Nov. | Revision & Project Work |
| Dec. | FLT |
| Jan. | Pre Board Exam and Revision |
| Feb. | Revision and Final Practical Exams |

**BOOKS PRESCRIBED : Part A - Contemporary World Politics (NCERT)
Part B - Politics in India Since Independence (NCERT)**

| Month | |
|----------------|--|
| March | Part A : L - 1 The Cold War Era L - 2 The End of bipolarity L - 3 US Hegemony in World Politics |
| April : | Part A : L - 4 Alternative Centres of Power L - 5 Contemporary South Asia Part B - L - 1 Era of one party dominance L - 2 Nation building and its problems. |
| May : | Part A : L - 6 International Organisation L - 7 Security in the contemporary world Part B : L - 3 Politics of Planned Development L - 4 India's External Relations Nuclear Deal, Consensus L - 5 Challenges to and restoration of Congress System L - 6 Crisis of the Constitutional Order |
| June : | UNIT TEST |
| July : | Part A : L - 8 Environment and Natural Resources L - 9 Globalisation Part B : L - 7 Regional Aspiration and conflicts |

| Month | |
|----------------|--|
| | L - 8 Rise of New Social Movements L - 9 Democratic Upsurge and Coalition Parties |
| Aug. : | Part B : L - 10 Recent Issues and Challenges NDA 2014 onwards |
| Sept. : | HALF YEARLY EXAM. |
| Oct. : | Revision |
| Nov. : | Revision |
| Dec. : | FLT |
| Jan. : | Pre Board Exams. |
| Feb. : | Revision |
| March : | FINAL EXAMS |

ECONOMICS

SYLLABUS 2017-2018

Ref. Book : W. Pub. - Introductory Micro Economics 40 M &
 Introductory Macro Economics 40 M By V.K. Publications.
 Project Work 20 M

| Month | | <u>Marks</u> |
|--------------|---|--------------|
| | PART - A - Introductory Micro Economics | |
| | 1. Introduction | 04 |
| | 2. Consumer's equilibrium and Demand | 13 |
| | 3. Producer Behaviour and Supply | 13 |
| | 4. Forms of Market and Price Determination under perfect competition with simple application | 10 |
| | | <u>40</u> |
| | PART - B - Introductory Macro Economics | <u>Marks</u> |
| | 1. National Income and Related Aggregates | 10 |
| | 2. Money and Banking | 06 |
| | 3. Determination of Income and Employment | 12 |
| | 4. Government Budget and the economy | 06 |
| | 5. Balance of Payments | 06 |
| | PROJECT WORK : 20 M | <u>40</u> |
| March | PART - A - MACRO ECONOMICS | |
| | UNIT - V - National Income & Related Aggregates | |
| | Macro economics - Meaning, some basic concepts of macro economics, circular flow of Income, Methods of calculating National Income - Product Method, Expenditure Method, Income Method | |

| Month | |
|--------------|--|
| April | Concepts and aggregate related to National Income UNIT - VI - MONEY AND BANKING Money - Meaning and Functions Banking - Commercial Bank and Central Bank |
| May | PART - A - MICRO ECONOMICS UNIT - I Introduction Meaning of Economics, Central problem of Economy, Concept of PPC UNIT - II CONSUMER'S EQUILIBRIUM AND DEMAND Consumer's Equilibrium - Concept of utility, Law of Diminishing Marginal Utility, Condition of Consumer's equilibrium using Marginal utility analysis. Indifference curve analysis of Consumer's Equilibrium. |
| June | UNIT TEST |
| July | Theory of Demand, Slope of demand curve Price Elasticity of Demand UNIT - VII - Determination of Income & Employment Aggregate demand and its components Propensity to consume and propensity to save |

| Month | |
|---------------|--|
| August | <p>Short run equilibrium output ; Investment Multiplier and its mechanism</p> <p>Problems of Excess demand and deficient demand ; Measures to correct them.</p> <p>UNIT - VIII - Govt. Budget and Economy</p> <p>Govt. Budget - Meaning, Objectives, Components</p> <p>Govt. Deficit - Revenue deficit, Primary deficit and Fiscal deficit.</p> <p>UNIT - IX - Balance of Payments</p> <p>Balance of Payments - Meaning, Components, Deficit.</p> <p>Foreign Exchange Rate - Meaning of fixed and flexible exchange rate and managed floating</p> <p>Determination of Exchange rate in free economy.</p> |
| Sept. | <p>UNIT - III - Producer behaviour and Supply</p> <p>Production Function - Return to a factor, Returns to scale</p> <p>Cost and Revenue - Concepts</p> <p>Producer's Equilibrium - MR - MC Approach</p> <p>PROJECT WORK & HALF YEARLY EXAMS.</p> |

| Month | |
|-------------|--|
| Oct. | Theory of Supply - Price Elasticity of supply, Slope of supply curve UNIT - IV - Forms of Market and price determination. Forms of Market - Meaning and Features Price Determination under perfect competition Effects of shifts in demand and supply. |
| Nov. | Revision Work |
| Dec. | FLT |
| Jan. | Pre - Board Exam. |

Text Book - NCERT

Ref. Book - Sandeep Garg

PART A Principles and Functions of Management Marks

| | | |
|--|---|-----------|
| 1. Nature and Significance of Management |] | 16 |
| 2. Principles of Management | | |
| 3. Business Environment | | |
| 4. Planning |] | 14 |
| 5. Organising | | |
| 6. Staffing | | |
| 7. Directing | | |
| 8. Controlling |] | 20 |
| | | |
| | | <u>50</u> |

PART B Business Finance & Marketing

| | | |
|--------------------------|---|----|
| 9. Financial Management |] | 30 |
| 10. Financial Markets | | |
| 11. Marketing Management | | |
| 12. Consumer Protection | | |
| 13. Project | | 20 |

| Month | | Month | |
|--------------|--|-------------|---|
| March | UNIT - I :Nature & Significance of Management UNIT - II : Functions of management | Oct. | Unit IX : Financial Management & Unit X : Financial Market |
| April | UNIT - II : Principles of management UNIT - III : Business Environment | Nov. | UNIT XI : Marketing Management & UNIT XII : Consumer Protection & PROJECT |
| May | UNIT - IV : Planning, Organising | Dec. | FLT |
| June | UNIT TEST | Jan. | Pre Board Exams and Revision |
| July | UNIT VI : Staffing | Feb. | Revision and Final Practical Exams. |
| Aug. | UNIT - VII : Directing & Controlling | | |
| Sep. | HALF YEARLY EXAM. | | |

Text Book - By Swan Publication

Practical Note Book :

| Month | |
|---|---|
| <p>March : April - May (Ch. 1, 2, 3)</p> | <p>Unit I : Planning in Sports</p> <ul style="list-style-type: none"> * Meaning and Objectives of Planning * Various Committees and its responsibilities (pre; during & post) * Tournament - Knock-Out, League or Round Robin and Combination * Procedure to draw Fixtures - Knock - Out (Bye and Seeding) and League (Staircase and Cyclic) * Intramural and Extramural - Meaning, Objectives and its significance. * Specific Sports Programme (Sports Day, Health Run, Run for Fun, Fun for Specific Cause and Run for Unity) <p>Unit II : Sports and Nutrition</p> <ul style="list-style-type: none"> * Balanced Diet and Nutrition : Macro and Micro Nutrients. * Nutritive and Non-Nutritive Components of Diet * Eating for Weight Control - A Healthy weight, The Pitfalls of Dieting, Food intolerance and food myths. * Sports Nutrition & its effect on performance (fluid & meal intake, pre, during & post competition) * Food supplement for children <p>Unit III : Yoga & Lifestyle</p> <ul style="list-style-type: none"> * Asanas as preventive measures * Obesity : Procedure, Benefits & contrindications for Vajrasana, Hastasana, Trikonasana, Ardh Matysendrasana * Diabetes : Procedure, Benefits & contraindications for Bhujangasana, Paschimottasana, Pavan Muktasana, Ardh Matsyendrasana * Asthema : Procedure, Benefits & contraindications for Sukhasana, Chakrasana, Gomukhasana, Parvatasana, Bhujangasana, Paschimottasana, Matsyasana Hypertension : Tadasana, Vajrasana, Pavan Muktasana, Ardha Chakrasana, Bhujangasana, Sharasana Back Pain : Tadasana, Ardh Matsyendrasana, Vakrasana, Shalabhasana, Bhujangasana |
| <p>June</p> | <p>UNIT TEST</p> |

| Month | |
|--------------------------|---|
| July (Ch. 4, 5, 6) | <p data-bbox="459 347 1227 379">Unit-IV : Physical Education & Sports for Differently-Abled</p> <ul data-bbox="515 400 1579 619" style="list-style-type: none">* Concept of Disability & Disorder* Types of Disability, its causes & nature (cognitive disability, intellectual disability, physical disability)* Types of Disorder, its cause & nature (ADHD, SPD, ASD, ODD, OCD)* Disability Etiquettes* Advantage of Physical Activities for children with special needs.* Strategies to make Physical Activities assessable for children with special need. <p data-bbox="459 643 853 675">Unit - V : Children and Sports</p> <ul data-bbox="515 695 1485 948" style="list-style-type: none">* Motor development & factors affecting it.* Exercise Guidelines at different stages of growth & Development.* Advantages & disadvantages of weight training.* Concept & advantages of Correct Posture.* Common Postural Deformities - Knock Knee; Flat Foot; Round Shoulders; Kyphosis; Bow Legs and Scolioses Corrective Measures for Postural Deformities. <p data-bbox="459 987 848 1019">Unit - VI : Women and Sports</p> <ol data-bbox="515 1040 1261 1214" style="list-style-type: none">6.1 Sports Participation of Women in India6.2 Special Considerations (Menarche, Menstrual Disfunction)6.3 Female Athletics Triad (Oestroperosis, Amenoria, Eating Disorders)6.4 Psychological Aspects of Women Athlete6.5 Sociological Aspects of Sports participation |

| Month | |
|--|---|
| <p>August (Ch. 7, 8)</p> | <p>7 : Test and Measurement in Sports</p> <ul style="list-style-type: none"> * Computation of Fat Percentage. Slaughter - Lohman Children Skinfold Formula: Triceps & Calf Skinfold (Male 6 to 17 yrs - % body fat = $(0.735 \times \text{sum of skinfold}) + 1.0$ (Female 6 to 17 yrs - % body fat = $(0.610 \times \text{sum of skinfold}) + 5.0$) * Measurement of Muscular Strength - Kraus Weber Test * Motor Fitness Test - AAPHER * General Motor Fitness - Barrow three item general motor ability (Standing Broad Jump, Zig Zag Run, Medicine Ball Put - For Boys : 03 Kg & For Girls : 01 Kg) * Measurement of Cardio Vascular Fitness - Harvard Step Test / Rockport Test * Computation of Fitness Index : Duration of the Exercise in Seconds X 100 $5.5 \times \text{Pulse count of 1-1.5 Min after Exercis}$ * Rikli and Jones - Senior Citizen Fitness Test <ol style="list-style-type: none"> 1. Chair Stand test for lower body strength. 2. Arm Curl test for upper body strength. 3. Chair Sit and Reach test for lower body flexibility. 4. Eight Foot Up and Go test for agility 5. Back Scratch test for upper body flexibility. 6. Six minute walk test for Aerobic Endurance. |

| Month | |
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| | <p>UNIT VIII : Physiology and Sports</p> <ul style="list-style-type: none"> * Gender Differences in Physical and Physiological Parameters * Physiological factor determining component of Physical Fitness. * Effect of exercise on Cardio Vascular System * Effect of exercise on Respiratory System * Effect of exercise on Muscular System. * Physiological changes due to ageing * Role of Physical activity maintaining functional fitness in aged population |
| <p>Sept. (Ch. 9)</p> | <p>UNIT IX : Sports Medicine</p> <ul style="list-style-type: none"> * Concept, Aims & Scope of Sports Medicine * Sports injuries : Classification, Causes & Prevention * First Aid - Aims and Objectives * Management of Injuries: Soft Tissue Injuries: (Abrasion, Contusion, Laceration, Incision, Sprain & Strain) Bone and Joint Injuries: (Dislocation, Fractures, Stress Fracture, Green Stick, Communated, Transverse Oblique & Impacted) <p>HALF YEARLY EXAM.</p> |
| <p>Oct. (Ch. 10, 11, 12)</p> | <p>UNIT X : Kinesiology, Biomechanics & Sports</p> <ul style="list-style-type: none"> * Projectile & Factors affecting Projectile Trajectory * Newton's Law of Motion & its application in sports * Aerodynamics Principles * Friction & Sports |

| Month | |
|-------------|--|
| | <ul style="list-style-type: none"> * Introduction to Axes & Planes * Types of movements (Flexion, Extension, Abduction & Adduction) * Major Muscles involved in running, jumping and throwing. <p>UNIT XI : Psychology & Sports</p> <ul style="list-style-type: none"> * Understanding Stress & Coping Strategies (Problem Focussed and Emotional Focussed) * Personality; its definition & types - Trait & Type (Sheldon & Jung Classification) & Big Five Theory * Motivation, its type & techniques * Self-esteem & Body Image * Psychological benefits of exercise * Meaning, Concept & Types of Aggressions in Sports <p>UNIT XII : Training in Sports</p> <ul style="list-style-type: none"> * Strength - Definition, types & methods of improving Strength - Isometric, Isotonic & Isokinetic * Endurance - Definition, types & methods to develop Endurance - Continuous Training, Interval Training & Fartlek Training * Speed - Definition, types & methods to develop Speed - Acceleration Run & Pace Run * Flexibility - Definition, types & methods to improve flexibility * Coordinative Abilities - Definition & types * Circuit Training & high Altitude Training; Introduction & its impact. |
| Nov. | Revision |
| Dec. | Full Length Test |
| Jan. | Pre- Board |

Text Book -

Ref. Book - Learning Resource

Central Board of Secondary Education in collaboration with nift, National Institute of Fashion Technology, New Delhi

| Month | Theory | Practical |
|--------------|--|---|
| April | UNIT - I : History of fashion, Theories of clothing. Adornment, protection, identification and ritualistic, concepts of Fashion. A. Drapings (Greeco-Roman, Indian, Egyptian). B. Stitched garments C. Ancient, Oriental and Indian War Costumes | 1. To make presentation a tribal community. 2. Draping muslin over the dress form. 3. Identifying specific textiles & clothing. |
| May | D. Industrial Revolution E. Effect of World Wars on Fashions. F. Evolution of Modern Indian Fashion. G. Films and Fashion. + UNIT - II Pattern Making, Sizes and Measurements, Tools of Pattern Making | 4. To collect photos of uniforms of different enemies (War) |
| June | UNIT TEST - I | |
| July | Common Terms used in Pattern Making, Garment Fit Garment details i.e. Arm-holes, necklines - V, U, round, boat, square etc. Mechanism of shifting darts from one position to another (Dart Manipulation), Principles of collar development. | Pattern making 1. Basic bodice. 2. Dart Manipulation 3. Skirt & its variations 4. Sleeve |

| Month | Theory | Practical |
|--------------|---|---|
| JULY | UNIT-III : Elements of Fashion - Haute-Couture and Mass Manufacturing, Fashion Capitals, Men's wear, Women's wear and kid's wear. | 1. Create impressions of leaves & flowers on Scarf. |
| AUG. | Trims - Introduction and Classification UNIT IV - Basics of Garment Making Understanding fabric types and selection of Under-lining, interfacing and interlining. | 2. Tie-Dye wit Turmeric/ Tea/Coffee. 3. Create animal skin prints to make a bag / Tie. |
| SEPT. | Half Yearly Examination | 4. Stencil Painting |
| OCT. | Marking Methods on Fabric, fabric cutting, Pattern layouts, concept of slit and seam, plackets and their placements. | Cutting of special fabrics. Assembly of Bodice. Neckline finishes stitching of skirt. Sample of Plackets. |
| NOV. | Revision | Facings and Bindings. |
| DEC. | FLT | |
| JAN. | Pre-Board | |
| FEB. | Final Practical Exams. | |

BOOK : Informatics Practices by Sumita Arora / Information Practices by NCERT
Publication : Dhanpat Rai & Co.

| Month | |
|----------------|--|
| March: | Introduction Unit 1 : Networking and Open Standards Ch. 1 - Computer Networking & Ch. 2 - Open Source Concepts |
| April : | Unit 2 : Programming Ch. 3, 4, 5 - Review of Class XI. Programming Fundamentals. Ch. 10 Web application development Ch. 11, 12 - H.T.M.L Language / Project Interface, Back end Database |
| May : | Ch - 6, 7 More about Classes & Libraries, Concept of Inheritance, features of OOPs. Ch - 8 GUI Dialogs and Tables |
| June : | UNIT TEST |
| July : | Unit - 3 Relational Database Management System Ch. - 14 Review of RDBMS from Class XI Ch. - 15, 16, 17 - Database Fundamentals : TCL, DDL, DML Commands |
| Aug. : | Ch. - 9 Concept of Front - End and Database Connectivity JDBC Connectivity (Java & MySQL) Project development using connectivity for Final practical |

| Month | |
|---------|---|
| Sept. : | HALF YEARLY EXAMS. |
| Oct. : | Ch. 13 - X.M.L Language UNIT 14 : IT APPLICATIONS Front - end Interface, Back-end Database |
| Nov. : | Revision |
| Dec. : | Revision + FLT |
| Jan. : | Revision + Pre-Board |
| Feb. : | Revision Final Practical : Evaluation of Practical Examination 1. Problem solving using Java 4. Project (Group of 3-4 students) 2. SQL Queries 5. Viva Voce 3. Practical Record File |
| March : | Annual Examination |

Text Book - Home Science (Text Book)
Published by Saraswati Publications

| Month | Theory | Practical |
|--------------|--|---|
| MARCH | <ul style="list-style-type: none"> * Human Development : Life Span Approach. * Know myself - Understanding Adolescents. * Cognitive Development among Adolescents. * Social and Emotional Development among adolescents and old age. | <ul style="list-style-type: none"> * Record a meal of a day and evaluate it. * Plan and prepare meals for family and carry out modifications. |
| APRIL | Nutrition for self, family and Community <ul style="list-style-type: none"> - Meaning and importance of meal planning. - Planning meals for the family and carrying out modifications. - Water for good health. | <ul style="list-style-type: none"> * Simple test for checking adulteration. * Preparation of ORS. |
| MAY | <ul style="list-style-type: none"> - Food Hygiene - Safety against food adulteration acc. to PFA. - Salient Features of Income Generating Schemes DWCRA - MG NREGA | <ul style="list-style-type: none"> * Fitting up the forms of banks and post office. |
| JUNE | UNIT TEST | |
| JULY | Money Management and Consumer Education <ul style="list-style-type: none"> * Family income & Expenditure - Savings and Investments - Consumer Education - Consumer Aids - Consumer Protection and Education. | <ul style="list-style-type: none"> * Collection of different labels. * Preparing one label having quality mark. |

| Month | Theory | Practical |
|--------------|--|--|
| AUG. | Career Options after Home Science Education. My Apparel * Clothing in relation to personality. * Factor influencing selection of clothing. * Selection and Purchase of Fabrics. * Readymade Garments - Quality and Workmanship. * Care of clothes. | -Making samples of basic stitches. - Illustrating principles of design. - Removal of stains. * Evaluation of Readymade garments. * Visit to two places and evaluating water portability. |
| SEPT. | HALF YEARLY EXAM. | - Report on the problems of adolescents. - Report on the problems and needs of old person. |
| OCT. | Revision | |
| NOV. | Revision | |
| DEC. | FLT | |
| JAN. | Pre-Board | |

Book Writer : Sumita Arora
Book Name : Computer Science
Book Publisher : Dhanpat Rai & Co.

| Month | |
|----------------|--|
| March : | C++ Revision Tour, Classes and Objects (Topic Classes only) |
| April : | Classes and Objects (Continued), Object Oriented Programming, Data File Handling, Constructor and Destructor |
| May : | Database concepts, SQL |
| June : | UNIT TEST |
| July : | SQL (continued), Functions overloading |
| Aug. : | Boolean Algebra, Array |
| Sept. : | Inheritance MID TERM EXAM. |
| Oct. : | Pointer, Linked lists, Stack and Queue |
| Nov. : | Communication and Networks, Project Work |
| Dec. : | Revision + FLT |
| Jan. : | Revision + Project + Pre-Board |
| Feb. : | Revision |
| March : | Final Exams. |

| Month | |
|----------------|--|
| March : | Theory : Definition of the following :- Varan, Grama Short Life sketch of “Ustad Abdul Karim Khan Practical : One drut Khayal in Rag Bheemplasi with simple elaboration and few tanas. Talas :- Ek Tal, Chau tal, Teen Tal, KehravaTal, Dadra Tal |
| April : | Definition of Alap and Tana Short life sketch of “Ustad Faiyaz Khan” Practical : One drut khayal in Bhairav with few Tanas. Talas : Tal Rupak, Ghaptal. |
| May : | Definition of : Alankar, Murchana, Kan, Meend “Time theory” of Indian Music. “Classification of Ragas”. Practical : One drut Khayal in Rag Bageshwari with few Tanas. One composition of Sugam Sangeet. |
| June : | 1st UNIT TEST |

| Month | Theory |
|--------------------------|---|
| July & Aug. : | <p>Definition of Gamak, Khatka, Mukri, Short life sketch of "Pt. Krishan Rao Shankar" and Ustad Bade Ghulam Ali Khan".</p> <p>Practical : One drut Khayal in Rag Malkuns with few Tanas. One Tarana and one Dhamar in any one of the prescribed Ragas.</p> <p>Talas : Tilwada, Dhamar</p> |
| Sept. | Half Yearly Exam. |
| Oct. | <p>Detail study of the following treatises.</p> <p>(A) Sangeet Ratnakar (B) Sangeet Parijat</p> <p>Practical : One Vilambit Khayal with Alaps and Tanas in any one of the prescribed ragas.</p> |
| Nov. | Revision |
| Dec. | Revision + FLT |
| Jan. | Pre-Board Exams. |
| Feb. | Final Practical Exams. |

Books - PANORAMIC INDIAN PAINTING PUBLISHED BY : TRINITY EDUCATIONAL AIDS

| Month | Theory | |
|-------------------------|--|--|
| April : | <u>Theory</u> UNIT-I Miniature Painting (A) Rajput Miniatures or Rajasthani School of (Art) Painting. (B) The Pahari School of Painting | <u>Practicals</u> Still Life : Study of two or three natural and geometrical forms in pencil with light and shade from a fixed point of view. |
| May : | UNIT-II (A) The Mughal School of Art (B) The Deccani School of Art | Still Life in any medium (water/ pastel/ tempura /acrylic) |
| July- Aug. : | UNIT-III The Bengal School of Painting | Imaginative Painting Composition based on any subjects from life in any medium. |
| Sept. : | Half Yearly Exam. | Nature Study in water and poster colours with colour values |
| Oct. : | UNIT - IV The Modern Trends in Indian Art | |
| Nov. : | REVISION | |
| Dec. | FLT | |
| Jan. | Pre Board Exams | |
| Feb. | Final Practical Examination | |

ਕਿਤਾਬਾਂ : ਵਾਰਤਕ : ਕਥਾ ਜਗਤ ਕਵਿਤਾ : ਕਾਵਿ ਯਾਤਰਾ ਨਾਵਲ : ਗੁਆਚਿਆ ਮੁੰਡਾ (ਕਿਸ਼ੋਰ ਨਾਵਲ) ਲੇਖਕ : ਜਗਦੀਸ਼ ਕੌਮਲ
ਵਿਆਕਰਨ : ਪੰਜਾਬੀ ਵਿਆਕਰਨ ਅਤੇ ਸਾਹਿਤ ਬੋਟਾ (XI-XII) ਨਰਿੰਦਰ ਸਿੰਘ ਦੁੱਗਲ, ਜਸਬੀਰ ਕੌਰ

| Month | |
|--------|---|
| ਅਪ੍ਰੈਲ | ਕਹਾਣੀ : 1. ਸਵੇਰ ਹੋਣ ਤੱਕ 2. ਰੋਲ ਨੰਬਰ ਕਵਿਤਾ : ਭਾਈ ਵੀਰ ਸਿੰਘ, ਧਨੀ ਰਾਮ ਚਾਤ੍ਰਕ ਦੀਆਂ ਰਚਨਾਵਾਂ ਨਾਵਲ : ਪਹਿਲੇ ਚਾਰ ਕਾਂਡ ਵਿਆਕਰਨ : ਮੁਹਾਵਰੇ, ਸ਼ਬਦ ਜੋੜਾਂ ਦੇ ਨੇਮ - ਗ ਤੇ ਘ ਵਿਸ਼ਰਾਮ ਚਿੰਨ੍ਹ, ਅਣਡਿੱਠਾ ਪੈਰਾ, ਸਮਾਜਿਕ ਵਿਸ਼ਿਆਂ ਨਾਲ ਸੰਬੰਧਿਤ ਲੇਖ, ਈ ਮੇਲ |
| ਮਈ | ਕਹਾਣੀ : 1. ਤਿੰਨ ਦਿਨ ਦਾ ਬੇਈਮਾਨ 2. ਸੂਲੀ ਉੱਤੇ ਲਟਕੇ ਪਲ ਕਵਿਤਾ : ਪ੍ਰੋ0 ਪੂਰਨ ਸਿੰਘ, ਪ੍ਰੋ0 ਮੋਹਨ ਸਿੰਘ ਦੀਆਂ ਰਚਨਾਵਾਂ ਨਾਵਲ : ਕਾਂਡ : 5, 6, 7, 8 ਵਿਆਕਰਨ : ਮੁਹਾਵਰੇ, ਸ਼ਬਦ ਜੋੜ ਦੇ ਨੇਮ - ਜ ਤੇ ਝ ਵਿਸ਼ੇਸ਼ਤਾਵਾਂ, ਸੱਭਿਆਚਾਰਕ ਵਿਸ਼ਿਆਂ ਨਾਲ ਸੰਬੰਧਿਤ ਲੇਖ, ਇਸਤਿਹਾਰ ਤੇ ਨੋਟਿਸ ਵਾਕਾਂ ਨੂੰ ਸ਼ੁੱਧ ਕਰੋ |
| ਜੂਨ | ਦੁਹਰਾਈ ਅਤੇ ਜਮਾਤ ਪ੍ਰੀਖਿਆ |
| ਜੁਲਾਈ | ਕਹਾਣੀ : 1. ਮਿੱਸ ਸੌਫਟ 2. ਤਿੱਲ ਚੌਲੀ ਕਵਿਤਾ : ਅੰਮ੍ਰਿਤਾ ਪ੍ਰੀਤਮ, ਡਾ. ਹਰਿਭਜਨ ਸਿੰਘ ਦੀਆਂ ਰਚਨਾਵਾਂ ਨਾਵਲ : ਕਾਂਡ : 9, 10, 11, 12 ਵਿਆਕਰਨ : ਮੁਹਾਵਰੇ, ਸ਼ਬਦ ਜੋੜ ਦੇ ਨੇਮ - ਡ ਤੇ ਢ ਪੰਜਾਬੀ ਸਾਹਿਤ : ਗੁਰਮਤਿ ਕਾਵਿ |
| ਅਗਸਤ | ਕਹਾਣੀ : 1. ਤੀਜੀ ਗੱਲ, ਵਹਿੰਗੀ, ਮਾਂ ਦਾ ਲਾਡਲਾ ਕਵਿਤਾ : ਸ਼ਿਵ ਕੁਮਾਰ ਤੇ ਸੁਰਜੀਤ ਪਾਤਰ ਦੀਆਂ ਰਚਨਾਵਾਂ ਨਾਵਲ : ਕਾਂਡ : 13, 14, 15, 16 ਵਿਆਕਰਨ : ਮੁਹਾਵਰੇ, ਸ਼ਬਦ ਜੋੜ ਦੇ ਨੇਮ - ਵ ਤੇ ਬ ਪੰਜਾਬੀ ਸਾਹਿਤ : ਸੂਫੀ ਕਾਵਿ ਅਖਬਾਰ ਦੇ ਸੰਪਾਦਕ, ਪ੍ਰਕਾਸ਼ਕ ਅਤੇ ਅਧਿਕਾਰੀ ਦੇ ਨਾਂ ਪੱਤਰ |

| Month | |
|--------|---|
| ਸਤੰਬਰ | Revision and Half Yearly |
| ਅਕਤੂਬਰ | ਕਹਾਣੀ : ਬਰਫ਼ ਦਾ ਦਾਨਵ, ਆਪਣਾ - ਆਪਣਾ ਹਿੱਸਾ, ਉਹਨਾਂ ਵੇਲਿਆ ਦੀ ਗੱਲ ਕਵਿਤਾ : ਮੋਹਨਜੀਤ ਤੇ ਮਨਜੀਤ ਟਿਵਾਣਾ ਦੀਆਂ ਰਚਨਾਵਾਂ ਨਾਵਲ : ਕਾਂਡ : 17 ਤੋਂ 22 ਵਿਆਕਰਨ : ਮੁਹਾਵਰੇ, ਸ਼ਬਦ ਜੋੜਾਂ ਦੇ ਨੇਮ ਸਿਹਾਰੀ ਤੇ ਲ, ਹੋੜਾ ਤੇ ਕਨੋੜਾ ਦੀ ਵਰਤੋਂ, ਵਾਕਾਂ ਨੂੰ ਸੁੱਧ ਕਰਕੇ ਲਿਖਣਾ, ਅਣਡਿੱਠਾ ਪੈਰ੍ਹਾ, ਵਿਸ਼ਰਾਮ ਚਿੰਨ੍ਹ ਪੰਜਾਬੀ ਸਾਹਿਤ : ਆਧੁਨਿਕ ਕਾਵਿ |
| ਨਵੰਬਰ | ਦੁਹਰਾਈ |
| ਦਸੰਬਰ | ਪੂਰੇ ਸਿਲੇਬਸ ਵਿੱਚੋਂ ਟੈਸਟ |
| ਜਨਵਰੀ | ਪ੍ਰੀ - ਬੋਰਡ ਪ੍ਰੀਖਿਆ |
| ਫਰਵਰੀ | ਦੁਹਰਾਈ |