

KOTHARI INTERNATIONAL SCHOOL**GRADE 11 SESSION 2020-21****ANNUAL EXAMINATION**

SUBJECT	NAME OF THE TEACHER	SYLLABUS FOR THE ASSESSMENT
Accounts	Rashmi Kaul	1.Introduction to Accounting 2.Theory Base of Accounting 3.Recording of Business Transactions 4.Trial Balance and Rectification of Errors 5.Depreciation, Provisions and Reserves 6.Accounting for Bills of Exchange 7.Financial Statements – with Adjustments 8.Accounts from Incomplete Records 9.Computers in Accounting 10.Accounting and Database System
Physics	Samta Sharma	Unit-I Chapter–2: Units and Measurements Unit-II Kinematics Chapter–3: Motion in a Straight Line Chapter–4: Motion in a Plane Unit-III Chapter–5: Laws of Motion Unit-IV Chapter- 6 Work, Energy and Power Unit-V Chapter–7: System of Particles and Rotational Motion Unit-VI Chapter–8: Gravitation Unit-VII Properties of Bulk Matter Chapter–9: Mechanical Properties of Solids Chapter–10: Mechanical Properties of Fluids Chapter–11: Thermal Properties of Matter Unit-VIII Chapter–12: Thermodynamics Unit-IX Chapter–13 Behaviour of Perfect Gases and Kinetic Theory of Gases Unit-X Chapter–14: Oscillations Chapter–15: Waves

Biology (044)	Sumati Mishra	<p>Chapter-1: The Living World Chapter-2: Biological Classification Chapter-3: Plant Kingdom Chapter-4: Animal Kingdom Chapter-5: Morphology of Flowering Plants Chapter-7: Structural Organisation in Animals Chapter-8: Cell-The Unit of Life Chapter-9: Biomolecules Chapter-10: Cell Cycle and Cell Division Chapter-13: Photosynthesis in Higher Plants Chapter-14:Respiration in Plants Chapter-15: Plant - Growth and Development Chapter-17: Breathing and Exchange of Gases Chapter-18: Body Fluids and Circulation Chapter-19: Excretory Products and their Elimination Chapter-20: Locomotion and Movement</p>
History	Anuradha Datta	<ol style="list-style-type: none"> 1. Writing and City life 2. Empire Across Three Continents 3. Central Islamic Lnds 4. The Three Orders 5. Changing Cultural Traditions 6. The Industrial Revolution 7. Displacing Indeginous Peoples 8. Paths to Modernisation

Chemistry	Monika Maurya	Unit 1: Some Basic concepts of Chemistry Unit 2: Structure of Atom Unit 4: Chemical Bonding and Molecular Structure Unit 5: States of Matter: Gases and Liquids Unit 6: Chemical Thermodynamics Unit 7: Equilibrium Unit 8: Redox reactions Unit 10: s-Block Elements Unit 11: p-Block Elements Unit 12: Organic Chemistry: Some Basic Principles and Techniques Unit 13: Hydrocarbons
Business Studies	Rashmi Kaul	UNIT 1: NATURE AND PURPOSE OF BUSINESS UNIT 2: FORMS OF BUSINESS ORGANIZATIONS UNIT 3: PUBLIC, PRIVATE AND GLOBAL ENTERPRISES UNIT 4: BUSINESS SERVICES UNIT 5: EMERGING MODES OF BUSINESS UNIT 6: SOCIAL RESPONSIBILITY OF BUSINESS AND BUSINESS ETHICS UNIT 7: SOURCES OF BUSINESS FINANCE UNIT 8: SMALL BUSINESS UNIT 9: INTERNAL TRADE UNIT 10: INTERNATIONAL BUSINESS
Mathematics (041)	Dr Roli Singh	CH - 1 SETS, CH - 2 RELATION & FUNCTIONS, CH - 3 TRIGONOMETRIC FUNCTIONS, CH - 5 COMPLEX NUMBERS & QUADRATIC EQUATIONS, CH - 6 LINEAR INEQUALITIES, CH - 7 PERMUTATION & COMBINATIONS, CH - 9 SEQUENCES & SERIES, CH - 10 STRAIGHT LINES, CH- 11 CONIC SECTIONS, CH - 12 INTRODUCTION TO THREE DIMENSIONAL GEOMETRY, CH - 13 LIMITS & DERIVATIVES, CH - 15 STATISTICS, CH - 16 PROBABILITY
APPLIED MATHEMATICS (241)	Mr. Sudhanshu Gupta	1. Binary Numbers 2. Indices 3. Logarithms and its properties 4. Quantification and Numerical Applications 5. Sets 6. Relations 7. Arithmetic Progression 8. Geometric Progression 9. Permutations and Combinations 10. Straight Lines 11. Circles 12. Functions 13. Limits 14. Continuity 15. Derivatives 16. Probability 17. Data Representation and Visualisation 18. Data Interpretation 19. Correlation 19. Interest and Present value 20. Annuity 21. Taxation and bills 22. Mathematical Reasoning 23. Logical reasoning

<p>Economics (030)</p>	<p>Bina Jha</p>	<p>Chapter 2: Central Problems of an economy Chapter 3: Consumer's Equilibrium- Utility Analysis Chapter 4: Consumer's Equilibrium- Indifference curve analysis Chapter 5: Theory of Demand Chapter 6: Price elasticity of demand Chapter 7: Production function and Returns to a factor Chapter 8: Concept of cost Chapter 9: Concept of revenue Chapter 11: Theory of Supply Chapter 12: Forms of Market Chapter 13: Market Equilibrium under perfect competition and effects of shifts in demand and Supply</p> <p>STATISTICS: Chapter 1: Concept of Economics and Significance of Statistics in Economics Chapter 2: Collection of data Chapter 3: Census and Sample methods of collection of data Chapter 6: Diagrammatic presentation of data- Bar diagrams and Pie diagrams Chapter 7: Frequency Diagrams: Histogram, Polygon and Ogive Chapter 8: Arithmetic line graphs and time series graphs Chapter 9: Measures of Central tendency- Arithmetic Mean Chapter 10 Median</p>
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<p>ENGLISH (301)</p>	<p>HEMA SHARMA & Rukmini Rai</p>	<p>READING: Comprehension of Unseen Passages; Note-Making WRITING: Notice, Poster, Formal/ Official/ Business Letters for Making Enquiries, Registering Complaints, Asking for and Giving Information, Placing Orders and Sending Replies, Speech AND Debate. GRAMMAR: Miscellaneous Concepts from... GAP FILLING (Determiners, Suitable forms of Verbs, Tenses etc.), Rearranging/ Reordering Jumbled Words AND Transformation of Sentences (Direct-Indirect, Remove 'Too', Types of Sentences from Interrogative to Assertive etc.). LITERATURE: <i>(From Hornbill)</i> ... L1-The Portrait of a Lady, L2, We're Not Afraid to Die...if We Can All Be Together, L3-Discovering Tut, L5-The Ailing Planet, L6-The Browning Version AND L8- Silk Road; P1-A Photograph, P2-The Laburnum Top, P3-The Voice of the Rain, AND P4-Childhood <i>(From Snapshots)</i>... L1-The Summer of the Beautiful White Horse, L2-The Address, L3-Ranga's Marriage, L4-Albert Einstein at School, L5-Mother's Day AND L7-Birth</p>
<p>Physical Education</p>	<p>Abhishek Upadhyay</p>	<p>Unit I Changing Trends & Career in Physical Education Unit II Olympic Value Education Unit III Physical Fitness, Wellness & Lifestyle Unit IV Physical Education & Sports for CWSN Unit V Yoga Unit VI Physical Activity & Leadership Training Unit VII Test, Measurement & Evaluation Unit VIII Fundamentals of Anatomy, Physiology & Kinesiology in Sports Unit IX Psychology & Sports Unit X Training and Doping in Sports</p>

Psychology	Ms Megha Sharma	CHAPTER 1- WHAT IS PSYCHOLOGY CHAPTER 2- METHODS OF ENQUIRY IN PSYCHOLOGY CHAPTER 3- BASIS OF HUMAN BEHAVIOR CHAPTER 4- HUMAN DEVELOPMENT CHAPTER 5- SENSORY, ATTENTIONAL AND PERCEPTUAL PROCESSES CHAPTER 6- LEARNING CHAPTER 7- MEMORY
Music	Dr.Pratima Kumar	Unit -1,Unit -2,Unit -3 (3.2). Unit -4 (4.1) Unit -5 (5.1 & 5.2)
Home Science	Shilpi Sethi	Chapter 1 - Human Ecology and Family Sciences Chapter 2 - Understanding the Self Chapter 3 - Food, Nutrition, Health and Fitness Chapter 4 - Management of Resources Chapter 5 - Fabrics Around Us Chapter 6 - Media and Communication Technology Chapter 10 - Concerns and Needs in Diverse Contexts - A - Nutrition, Health and Hygiene C - Resource Availability and Management Chapter 11 - Survival, Growth and Development Chapter 12 - Nutrition, Health and Well-Being Chapter 14 - Our Apparel Chapter 15 - Health and Wellness Chapter 16 - Financial Management and Planning Chapter 17 - Care and Maintenance of Fabrics
Fashion Studies	Shilpi Sethi	Chapter 1 - Overview of Fashion Chapter 2 - Introduction to Fibres, Dyeing and Printing Chapter 3 - Design Fundamentals Chapter 4 - Elements of Garment Making Employability Skills

Legal Studies	DIPTI CHAWLA	<p>Unit-1.Theory and Nature of Political Institutions</p> <p>Ch.2 Organs of Government Ch.3 Separation of Powers Ch.4 Basic Features of the Constitution of India</p> <p>Unit-2.Nature and Sources of Law</p> <p>Ch.2 Classification of Law Ch.3 Sources of Law Ch.4 Law Reform</p> <p>Unit-3.Historical Evolution of the Indian Legal System</p> <p>Ch.1 Ancient Indian Law Ch.3 Making of the Indian Constitution</p> <p>Unit-4 Judiciary: Constitutional, Civil, and Criminal Courts and Processes Unit-5 Family Justice System Introduction Institutional Framework Marriage and Divorce Domestic Violence</p>
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Political Science	DIPTI CHAWLA	<p>Book-1</p> <ul style="list-style-type: none"> .Constitution .Election and Representation .The Legislature .The Executive .The Judiciary .Local Governments <p>Book-2</p> <ul style="list-style-type: none"> .Political Theory: Introduction .Freedom/Liberty .Equality .Justice .Rights .Development
Web Application	Pavani Battula	<p>PART A EMPLOYABLE SKILLS</p> <ol style="list-style-type: none"> 1. COMMUNICATION SKILLS 2. SELF MANAGEMENT SKILLS 3. ICT SKILLS 4. ENTREPRENEURAL SKILLS 5. GREEN SKILLS <p>PARTB SUBJECT SPECIFIC SKILLS</p> <ol style="list-style-type: none"> 1. NETWORKING AND WEB ARCHITECTURE 2. HTML FORMS TABLES AND CSS 3. GIMP 4. JAVASCRIPT

Computer Science	Ms Varsha kumar	Unit 1 : Computer System and Organisation 1.1 Number System 1.2 Boolean Logic Unit 2: Programming and Computational Thinking 2.1 Overview of Python 2.2 Elementary concepts of Python 2.3 Input/Output in Python 2.4 Operators and Expressions in Python 2.5 Conditional Statements 2.6 Looping 2.7 Working with Strings and lists 2.8 Working with Dictionaries and Tuples Unit 3: Database Management 3.1 Database Concepts and SQL Unit 4: Society ,Law andEthics 4.1 online access and computer security 4.2 Cyber Safety
Painting	Dr. BOBBY PATRA	Chapter-1: The Art Theory Chapter-2: Pre Historical Rock Paintings Chapter-3: Indus Valley Civilization Chapter-4: Hindu, Buddha and Jain Art Chapter-5: Temple Sculpture Chapter-6: Bronzes Chapter-7: Indo Islamic Architecture"
Entrepreneurship	MS PUNITA CHICKER	UNIT 1 ENTREPRENEURSHIP CONCEPT AND FUNCTIONS UNIT 2 AN ENTREPRENEUR UNIT 3 ENTREPRENEURIAL JOURNEY UNIT 4 ENTREPRENEURSHIP AS INNOVATION AND PROBLEM SOLVING UNIT 5 CONCEPT OF MARKET UNIT 6 BUSINESS FINANCE AND ARITHMETIC UNIT 7 RESOURCE MOBILISATION