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**CONVENT OF JESUS & MARY
WAVERLEY**

MUSSOORIE, U.K. - 248179

SYLLABUS - 2018-19

CLASS – XI HUMANITIES

MATHEMATICS

UNIT I: SETS AND FUNCTIONS

- TOPICS:**
1. Sets
 2. Relations and Functions
 3. Trigonometric Functions

UNIT II: ALGEBRA

- TOPICS:**
1. Principle of Mathematics Induction
 2. Complex Numbers and Quadratic Equations
 3. Linear Inequalities
 4. Permutations and Combinations
 5. Binomial Theorem
 6. Sequence and Series

UNIT III: COORDINATE GEOMETRY

- TOPICS:**
1. Straight Lines
 2. Conic Sections
 3. Introduction to Three-dimensional Geometry

UNIT IV: CALCULUS

- TOPICS:**
1. Limits and Derivatives

UNIT V: MATHEMATICS REASONING

UNIT VI: STATISTICS AND PROBABILITY



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- TOPICS:**
1. Statistics
 2. Probability

ECONOMICS

PART-A

STATISTICS

- Chapter: 1
Economics Concept of Economics and Significance of Statistics in Economics
- Chapter: 2 Collection of Data
- Chapter: 3 Senses and Sample Methods of Collection of Data
- Chapter: 4 Organization of Data
- Chapter: 5 Presentation of Data – Textual and Tabular
- Chapter: 6 Diagrammatic Presentation of Data
- Chapter: 7 Frequency Diagram, Histogram, Polygon, Ogive
- Chapter: 8 Arithmetic Line, Graphs or Time series
- Chapter: 9 Measures of Central tendency – Arithmetic mean
- Chapter: 10 Median and Mode
- Chapter: 11 Measure of Dispersion
- Chapter: 12 Correlations
- Chapter: 13 Index Numbers

PART-B

INDIAN ECONOMIC DEVELOPMENT

- Chapter: 1 Indian Economy on the Eve of Independence
- Chapter: 2 Five Year Plan in India



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Chapter: 3	Features, Problem & Policies of Agriculture
Chapter: 4	Strategy of Industrial Growth (1947-90)
Chapter: 5	Indian Foreign Trade
Chapter: 6	Economic reforms since 1991
Chapter: 7	Poverty
Chapter: 8	Human Capital formation since 1991
Chapter: 9	Rural Development
Chapter: 10	Employment and Unemployment
Chapter: 11	Inflation
Chapter: 12	Infrastructure
Chapter: 13	Environment and Sustainable Development
Chapter: 14	Development Experience of India, Pakistan and China

HISTORY

SECTION-I

EARLY SOCIETIES

Introduction

Theme-I	From the beginning of time
Theme-II	Writing and City life

SECTION-II

EMPIRES

Introduction

Theme-III	An Empire across Three Continents
Theme-IV	The Central Islamic Lands



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Theme-V Nomadic Empires

SECTION-III

CHANGING TRADITIONS

Introduction

Theme-VI The Three Orders

Theme-VII Changing Cultural Traditions

Theme-VIII Confrontation of Cultures

SECTION-IV

TOWARS MODERNISATION

Introduction

Theme-IX The Industrial Revolution

Theme-X Displacing Indigenous Peoples

Theme-XI Paths to Modernization

POLITICAL SCIENCE

"Indian Constitution at Work"

Term - I

- Topics:**
1. Constitution: Why + How?
 2. Rights in the Indian Constitution
 3. Election & Representation
 4. Executive



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"Political Theory"

- Topics:**
1. Political Theory: An Introduction
 2. Freedom
 3. Equality
 4. Social Justice

Term - II

"Indian Constitution at Work"

- Topics:**
1. Legislature
 2. Judiciary
 3. Local Government
 4. Constitution as a living Document

"Political Theory"

- Topics:**
5. Rights
 6. Citizenship
 7. Nationalism
 8. Secularism

ENGLISH

TERM-I

SECTION A:

Reading - Unseen Comprehension Passages



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SECTION B:

WRITING & GRAMMAR

PART I

- TOPICS:**
1. Notices, Posters
 2. Letter writings - official letters, letters of complaint and letters of enquiry
 3. Long composition: Article, Speech

PART II: Use of determiners, Tenses, errors correction exercises

SECTION C: Textbooks

"HORNBILL"

- PROSE: -**
1. The Portrait of a Lady
 2. We're not afraid to die if we can all be together
 3. The Ailing Planet: The Green Movements role

- Poetry: -**
1. A Photograph
 2. The Voice of the Rain

"SNAPSHOTS"

1. The summer of the Beautiful White Horse
 2. Albert Einstein at school
- Long Reading Novel (self-read)
- Assessment of Speaking & Listening Skills

Term - II

SECTION A:

READING



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1. Note - Making & Summarizing

SECTION B:

PART I

1. Advertisements
2. Letter - writing: Letters of Enquiry & their replies, Letters to the Editor
3. Long Composition - Report Writing

PART II

1. Clauses, Modals - Active/Passive Voice
Exercises involving these structures

SECTION C:

TEXTBOOKS.

"HORNBILL"

Prose

1. The Booming Version

Poetry

1. Childhood
2. Father to Son

"SNAPSHOTS"

1. Mother's Day
2. Birth
3. The Tale of Melon City

Distribution of Marks out of 100

Reading skills	20
Writing Skills & Grammar	30
Text books & Long Reading Novel	30
ASL	20



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PAINTING

PART-I

Sr. No.

Lesson Name

1. Pre-Historic Rock Paintings
2. Bhimbetka - an introduction
3. Study of Rock paintings
 - (i) A Roaring animal
 - (ii) Wizard's Dance
4. Art of Indus Valley - an introduction
5. Study of Sculptures and Terracottas
 - (i) Dancing Girl (Mohenjo - daro)
 - (ii) Male Torso (Harappa)
 - (iii) Mother Goddess (Mohenjo - daro)
6. Study of Seal
 - (i) Bull Seal (Mohenjo - daro)
7. Decoration on earthen – ware (jar), Mohenjo - daro
8. Art during Mauryan, Shunga, Kushana and Gupta Period
9. Study of Sculptures
 - (i). Lion capital from Sarnath (Mauryan period)
 - (ii). Chauri Bearer from Didarganj (Mauryan period)
 - (iii) Boddhisatva head from Taxila (Gandhara)
 - (iv) Seated Buddha from KatraTila
 - (v) Seated Buddha from Sarnath (Gupta)



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(vi) JainTirthankara

PART-II

10. Introduction to Ajanta
11. Study of paintings
 - (i) Padmapani Boddhisattva (Ajanta cave No -1)
 - (ii) Mara Vijay (Ajanta cave No - 26)
12. Introduction to temple Sculpture
13. Study of temple Sculpture
 - (i) Descent of Ganga (pallava Mahabalipuram Tamilnadu)
 - (ii) Ravanashaking mount Kailash (Rashtva Kuta Ellora, Maharashtra)
 - (iii) Trimurti (Elephants, Maharashtra)
 - (iv) laxmi Narayan kandriyamahadev temple (Chandela Khajuraho, M.P)
 - (v) cymbal player, Sun temple (Ganga Dynesty, Konark, Orissa)
 - (vi) Mother and child (Vimla - Shah temple, Solanki, Dilmara, Mount Abu)
14. Introduction to Indian Bronges
 - (i) Method of casting (Solid and hollow)
15. Study of Broze Sculpture
 - (i) Mataraj (Thanjavur Ditt; Tamilnadu)
 - (ii) Devi (uma)
16. Artistic aspects of the indo - Islamic architecture
17. Study of architecture



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(i) QutubMinar, Delhi

(ii) TajMahal, Agra

(iii) GolGumbaj of Bijapur

