

BISHOP WESTCOTT GIRLS' SCHOOL, DORANDA
SYLLABUS FOR SESSION 2021-22
CLASS- VIII

ENGLISH LANGUAGE

Mid Term

Fun with Grammar

1. Nouns: All Kinds

- Class, Group, Perception, Numbers
- Difference between Concrete and Abstract

2. Kinds of Sentences

- Functional and Structural
- Phrases and Clauses (Difference)
- Difference between Dependent and Independent clauses.
- Transformation of sentences

⇒ Notice on Lost Properties in School, Quiz Competition, Elocution Competitions etc.

- E-mail Writing

⇒ To the Principal, School Secretary Etc.

Final Term

Fun with Grammar

1. Prepositions and Prepositional Phrases

2. Tenses (Its Kinds)

- Verbs: Finite and Non-finite
- Simple and Progressive
- Perfect and Continuous Tenses

3. Active and Passive Voice

⇒ Notice on Lost Properties in School, Quiz Competition, Elocution Competitions etc.

- E-mail Writing

⇒ To the Principal, School Secretary Etc.

ENGLISH LITERATURE

Mid Term

Merchant of Venice:-

Act 2

- Scene 8
- Scene 9

Act 3

- Scene 1
- Scene 2

Revision

Act 2

- Scene 1
- Scene 2
- Scene 3
- Scene 4
- Scene 5
- Scene 6
- Scene 7

Pronouns (Its Kinds[Revision])

- Difference between Interrogative Pronoun and Interrogative Adjective.
- Difference between Demonstrative Pronoun and Demonstrative Adjective.

4. Subject Verb Agreement

5. Articles

- Letter Writing(Formal and Informal)
- Comprehension Passage (Unseen)
- Composition: Descriptive, Narrative, Argumentative.
- Notice Writing

4. Direct and Indirect Speech

5. Conjunctions

- Letter Writing(Formal and Informal)
- Comprehension Passage (Unseen)
- Composition: Descriptive, Narrative, Argumentative.
- Notice Writing

New Aster:-

Prose

- The Shoemaker
- Media Then and Now
- The Final Victory

Poetry

- Ode to Autumn
- The Charge of the Light Brigade

Workbook (Relevant chapters of New Aster Advanced)

Chapter:- 1,2,9,13,14.

Final Term

Merchant of Venice:-

Act 3

- Scene 3
- Scene 4
- Scene 5

Revision

Act 1

- Scene 1
- Scene 2
- Scene 3

New Aster:-

Prose

- Pride and Prejudice
- The Twisted Trial
- A cry against Exploitation

Poetry

- Lines written in early Spring
- A Musical Instrument

Workbook (Relevant chapters of New Aster Advanced)

Chapter:- 5, 6,10,16,17

MATHEMATICS

Mid Term

Chapter-1 Rational Numbers

Chapter-2 Exponents

Chapter-7 Profit, Loss and Discount

Chapter-11 Algebraic Expression **Ex -11(c) to11(e)**

Chapter-12 Identities

Chapter 14 Linear Equations in one variable

Chapter-18 Constructions

Chapter-12 Probability

Final Term

Chapter-9:- Interest

Chapter-13:- Factorisation

Chapter-15:- Linear Inequations

Chapter-17:- Special Types of Quadrilaterals

Chapter-18:- Constructions

Chapter-20:- Area of Trapezium and Polygon

Chapter-22:-Data Handling

Chapter-23:- Probability

HISTORY

Mid Term

Chapter 1- A period of transition

Chapter 2 - The age of revolution

Chapter 3 - The American civil war

Chapter 5 - The Decline of the Mughal Empire

CIVICS

Chapter 1- The Legislature and the Executive

Chapter 2 - The Judiciary

Final Term

Chapter 13 - The Rise of Indian Nationalism

Chapter 14 - Indian National Movement (1885-1918)

Chapter 15 - Indian National Movement (1919-1947)

Civics:-

Chapter 3 - The United Nations Organisation

Chapter 4 - Specialised Agencies of the U.N

GEOGRAPHY

Mid term

Chapter1:- Representation of Geographical features through contours

Chapter2:- Population dynamic

Chapter3:- Migration

Chapter4:- Urbanization

Chapter6:- Asia: The largest continent

(Same relevant chapter's from the Workbook)

Map WORK: 1. On the outline maps of India, mark and name the

1. Physical features of India
2. Direction of the prevailing winds.
3. Natural vegetation and national parks of India.

Final Term

Chapter5:-Naturalandman-madedisasters

Chapter7:-India: Location, political divisions and Physiography

Chapter 8:- India: Climate

Chapter 9:- India: Natural vegetation, wildlife and conservation.

(Same relevant chapter's from the Workbook)

Contour: - Book- Interpreting Contours & Topographical maps

Chapter 1- Scale and direction

Chapter 2- Representation of Releif forms on maps

Map WORK: - 1. On the outline maps of India, mark and name the

1. Physical features of India
2. Direction of the prevailing winds.
3. Natural vegetation and national parks of India.

CHEMISTRY

Mid Term

1. ELEMENTS, COMPOUNDS AND MIXTURES

Introduction, pure substances, element, compounds and mixtures, differences between mixture and compounds, kinds. Of mixtures and their separation techniques.

2. ATOMIC STRUCTURE

Unit 1: Structure of an atom: Atoms, introduction, constitution of nucleus of an atom, modern atomic model

Unit 2: Geometric representation of atomic structure: Electronic configuration. of an atom, Atomic number (Z), Mass Number (A), Geometric representation of elements, Isotopes, Contradiction of Dalton's atomic theory.

Unit 3: Chemical Bond, Valency and Radioactivity: Chemical bond, formation of ions, combining capacity of atoms or valency, nuclear energy fission and fusion, Safety measures at nuclear plant.

3. LANGUAGE OF CHEMISTRY

Symbols, chemical formula, concept of valency, naming chemical elements, radical, writing chemical formulae, law of conservation of mass, chemical equation, information conveyed by a balanced chemical equation, role of catalysts in a chemical reaction.

4. CHEMICAL REACTIONS

Characteristics of a chemical reaction, types of chemical reaction, oxidation and reduction, oxides, classification of oxides.

WORKBOOK OF ALL THE CHAPTERS MENTIONED ABOVE

Final Term

1. LANGUAGE OF CHEMISTRY

Symbols, chemical formula, concept of valency, naming chemical elements, radical, writing chemical formulae, law of conservation of mass, chemical equation, information conveyed by a balanced chemical equation, role of catalysts in a chemical reaction.

2. CHEMICAL REACTIONS

Characteristics of a chemical reaction, types of chemical reaction, oxidation and reduction, oxides, classification of oxides.

3. HYDROGEN

Introduction, occurrence, methods of preparing hydrogen by displacement reaction, laboratory preparation of hydrogen, tests for hydrogen, uses of hydrogen.

4. WATER

UNIT 1: Dissolution of salts, water as universal solvent, classification as solution, suspension and colloidal solution on the basis of solute particles.

UNIT 2: Water of Crystallization, hydrated and anhydrous substances.

5. CARBON AND ITS COMPOUNDS

a. Occurrence of carbon. And it's allotropic forms, introduction, occurrence, allotropic forms, diamond, graphite.

BIOLOGY

Mid Term

Chapter: 1 Transport of Food and Minerals in Plants

Chapter: 3 Ecosystems

Unit 1 Ecosystem

Unit 2 Food Chains and Energy Transfer

Unit 3 Abiotic Components

Unit 4 Interdependence amongst Living Organisms

Chapter: 4 Endocrine System

Unit 1 Endocrine System of Humans

Chapter: 5 Nervous System

Unit 1 Nervous System of Humans

(Same chapters of work book and extra Questions done in Note book)

Final Term

Chapter 2:- Reproduction in Plants and Animals

Unit 1 Reproduction in Plants

Unit 2 Sexual Reproduction in Plants

Unit 3 Sexual Reproduction in Humans

Chapter 6:- Circulatory System

Unit 1 Circulatory System of Human

Chapter 7:- Health and Hygiene

Unit 1 Diseases and Prevention

Unit 2 Harmful Effects and First -Aid

(Same chapters of work book and extra questions done in Note book)

PHYSICS

Mid Term

Theme 1: Matter

Unit 1: States of Matter on the Basis of Kinetic Theory of Matter

Unit 2: Change of State in Matter Using Kinetic Theory

Theme 2: Physical Quantities and Measurement

Unit: Measurement of Density, Floatation and Sinking

Theme 3: Force and Pressure

Unit 1: Turning Effect of Force and Pressure

Unit 2: Pressure Exerted by Liquids

Unit 3: Pressure Exerted by Gases – Atmospheric Pressure

Theme 4: Energy

Unit 1: Energy and Work

Unit 2: Potential Energy and Kinetic Energy

Unit 3: Various Forms of Energy

N.B. – WORKBOOK OF ALL THE CHAPTERS MENTIONED ABOVE

Final Term

Theme 5: Light Energy

Unit 1: Reflection of Light on Plane Surfaces

Unit 2: Reflection at Curved Surfaces

Unit 3: Refraction of Light

Unit 4: Dispersion of Light by a Prism

Theme 6: Heat Transfer

Unit: Heat Transfer

Theme 7: Sound

Unit: Characteristics of Sound

Theme 8: Electricity

Unit 1: Static Electricity

Unit 2: Gold Leaf Electroscope, Methods of Charging of a body and Atmospheric Electricity

Unit 3: Basic Components of Electricity

N.B. – WORKBOOK OF ALL THE CHAPTERS MENTIONED ABOVE

COMPUTER

Mid Term

Lesson 1:-Operating System

Lesson 3:-Formulae in Ms Excel

Lesson 4:-Elaboration in Ms Excel

Lesson 5:-Creating Charts in Ms Excel

Lesson 7:-Algorithms and Flowcharts

Final Term

Lesson9:-Introduction to Java (BlueJ)

- Concept of OOPs, objects and classes
- Bytecode, Compiler and Interpreter
- Java tokens, Data Types, variables
- Operators and its different types in java
- Input statements in Java(Scanner Class)

Lesson 10:-Java control flow Statements

- Simple if()statement
- The if-else() statement
- **Coding of simple programs**

M.I.

Mid Term

Chapter1:-Core Values

Chapter2:-Ethics

Chapter5:-Body Language

Chapter7:-Media Effect

Chapter 11:- Respect for People who are Differently-abled

Final Term

Chapter3:-Goals

Chapter4:-The Person that you are, the Gift of God

Chapter6:-Wildlife Conservation

Chapter 8:- Child Labour

Chapter 15:- Spirit of Enquiry

GENERAL KNOWLEDGE

Mid Term

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|-------------------------------|------------------------------|
| 1. Understanding plants | 16. Hollywood |
| 2. Australian fauna | 17. Measuring instruments |
| 3. A date with history | 18. Knowledge centres. |
| 4. Golden classics | 19. Buzzwords |
| 5. Festivals | 20. Lofty ranges |
| 6. Stay away from it | 21. Smart thinking |
| 7. Odd one out | 22. Island Ahoy |
| 8. Fair play | 23. Surviving the odds |
| 9. Global figures | 24. Country quiz |
| 10. Enrich your language | 25. Dancing dolls |
| 11. Fun teasers | 26. Chemically speaking |
| 12. Inspiring lives | 27. Wildlife crusaders |
| 13. Glowing in the dark | 28. Indian filmmakers |
| 14. Central and eastern India | 29. Handle with care |
| 15. What's the good word? | 30. Asia : land of diversity |
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Final Term

31. Honouring the best
32. Scientific minds
33. Hide and seek
34. Youth power
35. Champions all
36. Journey to space
37. Leaders of industry
38. Aquafun
39. Around the world
40. Date with dynasty
41. Man's best friend
42. Acronyms
43. All the world's a stage
44. Priceless heritage
45. Ancient works
46. North America
47. Farm special
48. The judiciary
49. From foreign shores
50. The submarine
51. Showing the way
52. Word play
53. Pause before you post
54. Classical dancers
55. Village express
56. Medical lingo
57. Poetic expression

HINDI

Mid-Term

व्याकरण:

1. भाषा लिपि और व्याकरण
2. संधि
3. शब्द विचार- शब्दों का वर्गीकरण- स्रोत, प्रयोग, रचना, अर्थ के आधार पर
4. शब्द भंडार- एकार्थी शब्द, अनेकार्थी शब्द, पर्यायवाची शब्द, विलोम शब्द
5. शब्द रचना- (i) उपसर्ग (ii) प्रत्यय
6. निबंध / प्रस्ताव लेखन
7. पत्र लेखन
8. अपठित गद्यांश
9. अनुच्छेद लेखन

साहित्य

1. आः! धरती कितना देती है (कविता)
2. एक थी मनु (ऐतिहासिक कहानी)
3. यक्ष-युधिष्ठिर संवाद (पौराणिक कथा)

Final Term

व्याकरण:-

निबंध/प्रस्तावलेखन

पत्र लेखन

अपठितगद्यांश

समास

वर्तनी और वाक्य शोधन

मुहावरे तथा लोकोक्तियां

वाक्यांश के लिए एक शब्द

समश्रुत भिन्नार्थक शब्द

एकार्थी प्रतीत होने वाले शब्द

समूहवाची शब्द

साहित्य:-

- 1) नेहरू का पत्र- भारत के बच्चों के नाम (पत्र)
 - 2) विश्व वेदना (कविता)
 - 3) गिरधर की कुंडलियां (पद)
 - 4) प्रसिद्ध वैज्ञानिक:ए पी जे अब्दुल कलाम (जीवनीअंश)
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SANSKRIT

Mid Term

LESSON - 2. बकः च नकुलः च (संवादः)

5. गुरोः महत्त्वम्

6. रवीन्द्रनाथठाकुरः

9. विज्ञानस्य चमत्काराः

शब्द रूप- तद् एवं किम् सर्वनाम शब्द पुल्लिङ्ग और स्त्रीलिङ्ग

'भवत्' सर्वनाम शब्द (page no 111)

ह्रस्व इकारान्त पुल्लिङ्ग शब्द एवं ह्रस्व उकारान्त पुल्लिङ्ग शब्द

धातुरूप- 'पा' धातु , 'अस्' धातु , 'कृ' धातु सभी लकारों में

Final Term

LESSON 10. वृद्ध व्याघ्र कथा

LESSON 13. प्राणस्य श्रेष्ठत्वम्

LESSON 14. भारते चीनयात्रिकाः

LESSON 17. सूक्ति - सुधा- विन्दवः

शब्द रूप - 'अस्मद्' एवं 'युष्मद्' सर्वनाम शब्द

ऋकारान्त पुल्लिङ्ग शब्द 'पितृ' , 'भ्रातृ' (page no 110)

ऋकारान्त स्त्रीलिङ्ग शब्द 'मातृ'

धातु रूप- 'दृश्' धातु , 'भू' धातु एवं 'कृ' धातु (सभी लकारों में)

संख्या-शब्दाः (Numeral words)(page no 111-112)- मूल संख्या एवं अर्थ

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Vedic Maths

Mid Term

1. Multiplication 3D by 3D
2. Multiplication 4D by 4D
3. Cube
4. Cube root
5. Addition of squares
6. Subtraction of squares
7. Multiplication of Decimal
8. Decimal squares
9. Division of any number by 5, 25 & 125

Final Term

1. Multiplication 4D by 2D
2. Multiplication 3D by 2D
3. Division (Below 100 , Above 100)
4. Percentage
5. Sum of cube when unit digits add to 10
6. Subtraction of cubes
7. Preparing Tables
8. Recurring Decimals
9. Recognition of perfect squares
10. Divisibility
