

**WEEKLY ASSESSMENT SYLLABUS –
14TH AUGUST 2023**

Class 5

ICT

Chapter 1 – Evolution of computers

Class 6

Mathematics

Marks - 50 Marks

1. Addition and Subtraction of whole Numbers

- Multiplication and division of whole numbers
- Use of multiplication facts
- BODMAS
- Word Problems

2. Collecting and Displaying Data

- Frequency table
- Bar graphs and pie charts- Create and interpret
- Pictograph
- Stem and Leaf Diagram

3. INTEGERS

- Recognition & use of integers in real- life situations.
- Four operations on integers
- Word Problems

4. Number and Patterns

- Factors and Multiples
- Prime nos., Index nos., Index laws,
- Expressing a number as a product of its prime factors in index notation
- HCF and LCM
- Word problems

5. Parts of a Whole

- Basic concepts of fractions – Mixed nos., Equivalent fractions, Simplifying fractions.
- Four operations on fractions
- Conversion of fractions to decimals, to percentage and vice-versa.
- Fractions of a quantity
- Comparing – fractions, percentage and decimals
- Word Problems

6. Decimals

- Addition, Subtraction, Multiplication and Division of Decimals
- BODMAS
- Multiplication and Division of decimals by 10,100,1000 and so on
- Multiplication and Division of decimals by decimals and whole numbers
- Word Problems

7. Percentage

- Expressing as percentage
- Percentage of quantity

8. Mean, Median , Mode and Range

9. Time

Class 7

Mathematics

M.M: 50 marks

Fractions

- Operations on fractions
- Operations on mixed numbers
- Multiplying and dividing integers by fractions
- Expressing one quantity as a fraction of another
- Finding fraction of a quantity
- Finding whole of a quantity

Fractions, Decimals and Percentages

- Relationship between fraction, decimal and percentages
- Recurring decimals

Percentages

- Expressing one quantity as a percentage of another.
- Finding percentage of a quantity.
- Percentage increase and decrease
- Reverse percentage

Negative numbers, indices and roots

- Recap of integers
- Squares, cubes and roots of positive and negative numbers
- The index laws

Standard forms/ scientific forms -operations

Place value, rounding and decimals

- Significant figures, Estimations
- Finding upper bounds and lower bounds

Ratio and Proportion

- Ratio and Proportion – Introduction.
- Simplifying and comparing ratios
- Relating ratio and proportion
- Dividing a quantity into a ratio.
- Finding unknowns.
- Map ratios.

Class 9 –

Chemistry

- 1.Types of matter
- 2.Atoms , Elements and Compound
- 3.Chemical bonding
- 4.Reacting Masses and chemical equations

Business Studies

- Ch.1 Business Activity
- Ch.2 Classification of businesses
- Ch.3 Enterprise, business growth and size
- Ch.4 Types of business organization

Class 10
First Language English
Compositions

English as a Second Language

1. Unseen Passage
2. Note Making
3. Multiple Answers
4. Email Writing
5. Article Writing, Review Writing

A1

Economics

As per Cambridge International AS and A Level Economics Coursebook by Susan Grant and Colin Bamford -Fourth Edition- Latest

Complete Section 2- The price system and the microeconomy (AS Level)

Complete Section 3- Government microeconomic intervention (AS Level)

A2

Biology

- Homeostasis
- control and coordination
- inheritance

Computer Science

Ch-6 Assembly Language Programming

Ch-7 Monitoring and control systems

Ch-8 System Software

Information Technology

Chapter 13 – New Emerging Technologies

Chapter 14 – Communications Technology

History

Cold War- From Korean War to Sino-American Relations