

## CHINMAYA INTERNATIONAL RESIDENTIAL SCHOOL COIMBATORE - INDIA

### ASSESSMENT OBJECTIVES FOR ENGLISH FOR CLASS VI

- I. COMPREHENSION
- II. WRITING SKILLS
- III. VOCABULARY AND GRAMMAR

#### I. COMPREHENSION

The candidate will be given a suitable passage and asked to answer the questions based on the passage. There will also be exercises based on the passage like making sentences.

#### II. WRITING SKILLS

The candidate appearing for the exam should be able to write a short composition based on a given topic or on a picture that is provided or write a story based on hints.

#### III. VOCABULARY AND GRAMMAR

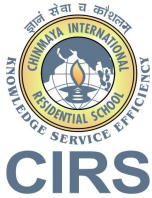
Grammar (Tenses, Degrees of Comparison, Parts of Speech)

The candidate should also possess adequate vocabulary. They will be asked to write synonyms and antonyms.

***The entrance examination will test the student in the above areas. These areas are broadly delineated cannot be specified in a detailed or precise manner in the curriculum content.***

### SCHEME OF ASSESSMENT FOR ENGLISH FOR CLASS VI

Assessment Objectives	Weightage (%)	Duration of Paper	Marks
Exercises based on Comprehension	40	1 Hour	50 Marks
Writing Skills	20		
Vocabulary and Grammar	40		



## CHINMAYA INTERNATIONAL RESIDENTIAL SCHOOL COIMBATORE - INDIA

### ASSESSMENT OBJECTIVES FOR MATHEMATICS FOR CLASS VI

- I. Mathematical knowledge with understanding of concepts
- II. Applications of concepts – Problem solving skill

#### I. MATHEMATICAL KNOWLEDGE WITH UNDERSTANDING OF CONCEPTS

The candidate taking the entrance exam should be able to present mathematical knowledge and understanding of concepts in relation to:

- a. Perform calculations by suitable methods.
- b. Understand systems of measurement in everyday use and make use of them in the solution of problems.

#### II. APPLICATIONS OF CONCEPTS – PROBLEM SOLVING SKILL

The candidate taking the entrance exam should be able to solve the numerical problems using appropriate formulae, symbols, units, graphs etc. The candidate will be tested on the following skills:

- a. Interpret, transform and make appropriate use of mathematical statements expressed in words or symbols.
- b. Recognise and use spatial relationships in two and three dimensions, particularly in solving problems.
- c. Recall, apply and interpret mathematical knowledge in the context of everyday situations.
- d. Make logical deductions from given mathematical data.
- e. Recognise patterns and structures in a variety of situations, and form generalizations.
- f. Respond to a problem relating to a relatively unstructured situation by translating it into an appropriately structured form.
- g. Analyse a problem, select a suitable strategy and apply an appropriate technique to obtain its solution.
- h. Apply combinations of mathematical skills and techniques in problem solving.
- i. Set out mathematical work, including the solution of problems, in a logical and clear form using appropriate symbols and terminology.

***The entrance examination will test the above objectives. These skills cannot be further specified in a detailed or precise manner in the curriculum content. However the questions are well within the syllabus of the entrance examination.***

## SCHEME OF ASSESSMENT FOR MATHEMATICS FOR CLASS VI

Assessment Objectives	Weightage (%)	Duration of Paper	Marks
Mathematical Knowledge	30	1 Hour	50 Marks
Understanding of Concepts	30		
Application Skills	20		
Problem solving skills	20		

## SYLLABUS OUTLINE OF MATHEMATICS FOR CLASS VI

### Number and Number Sense

- The student will
  - a) Write the number names in the Indian system and the International system of numeration.
  - b) Roman and Hindu Numerals

### Divisibility tests, HCF and LCM

- The student will
  - a) Use divisibility tests for 2, 3, 5, 9 and 10 to divide any number.
  - b) Identify and describe prime and composite numbers and express any number as a product of its prime factors .
  - c) Find common multiples and factors.
  - d) Least common multiple (LCM) and greatest common divisor/highest common factor (GCD/HCF). Using prime factorization or division method

### Fractions

- The student will
  - a) Order a given set of fractions from least to greatest. Fractions will include like and unlike denominators and mixed numbers.

- b) Use arithmetic operators ( + , - ,  $\times$  and  $\div$ ) and simply numerical expressions involving fractions.
- c) Decimals (Simple addition and subtraction)

### Measurement

- The student will
  - a) use the metric measures and convert one unit from the other.(Length, Mass and Time)
  - b) Use arithmetic operations on metric measures and time.
  - c) Measure the perimeter and area of rectangle and square.
  - d) Money calculations.

### Geometry

- The student will
  - a) Classify angles as right, acute, obtuse, straight and whole angles.
  - b) Measure and draw right, acute, and obtuse angles, straight and whole angles.using appropriate tools.
  - c) Circles and Basic triangles

### Mensuration

- The student will calculate
  - Area, perimeter and volume of rectangle and square.

### Statistics

- The student will classify
  - Pictorial representation of data.

**Note :**

**Word problems will be tested on each topic mentioned above.**