

# Sainik Awasiya Mahavidyalaya

## Syllabus for Grade VI Entrance Examinations - 2081

Time: 1 hr. 40 mins

### A. ENGLISH (20 MARKS)

- Grammar
  - Article
  - Adverbs
  - Preposition
  - Connectives
  - Adjectives
  - Countable/ Uncountable Nouns
  - Questions
  - Comparative and Superlative Degrees of Adjectives
  - Tense
  - Modals
- Vocabulary  
Synonyms, Antonyms, Word Meanings
- Writing (Letter / Email / Paragraph)

### B. NEPALI (20 MARKS)

- वर्णविन्यासगत शुद्धता
- शब्दभण्डार - पर्यायवाची, विपरीतार्थी, श्रुतिसमभिन्नार्थी, अनेकार्थी, पारिभाषिक वा प्राविधिक शब्द, लघुतावाची शब्द, अनुकरणात्मक शब्द
- पदवर्ग पहिचान - नाम, सर्वनाम, विशेषण, क्रियापद र अव्यय
- विभक्ति चिन्हको पहिचान र प्रयोग
- व्याकरणिक कोटि - लिङ्ग, वचन, पुरुष, आदर, करण-अकरण, क्रियाको भाव
- चर्चित नेपाली साहित्यकार र तिनका कृतिहरू
- काल र पक्ष - वर्तमान, भूत, भविष्यत्
- उखान टुक्का (प्रचलित उखान-टुक्काको अर्थ र वाक्यमा प्रयोग)
- अनुच्छेद लेखन (रचनात्मक लेखन)

### C. MATHS (20 MARKS)

- Arithmetic
  - Number System( Prime and Composite Numbers up to 100)
  - Order of operation
  - Fraction
  - Percentage

2. Algebra
  - a. Addition
  - b. Subtraction
  - c. Value of algebraic expression
  - d. Solving linear equation of one variable
  - e. Simplification (addition and subtraction)
3. Geometry
  - a. Problems related to the sum of angles of polygon (Triangle, quadrilateral)
  - b. Angles (Acute, Right and Obtuse angle)
  - c. Construction of angle by using protractor
  - d. Parallel and perpendicular lines
4. Measurement
  - a. Time
  - b. Capacity
5. Mensuration
  - a. Area and perimeter of plane figure (Square, Rectangle)
  - b. Volume of cube and cuboid

#### **D. SCIENCE (20 MARKS)**

1. Animals
  - a. Vertebrates
  - b. Invertebrates
2. Flowering plants
3. Life processes
4. The solar system and eclipses
5. Energy
6. The earth
7. Information and communication
8. Environment and its conservation

#### **E. GK & IQ [20 MARKS]**

1. History, geography, and culture
2. Civics and law
3. Science, technology, and innovation
4. Sports and literature
5. Current issues
6. Numbers / digits
7. Words and letters
8. Miscellaneous

**Note:** Some minor changes might be made based on class 5 curriculum.