

Sainik Awasiya Mahavidyalaya

Syllabus for Grade VI Entrance Examination - 2081

Time: 1 hr. 40 mins

F.M. 100

A. ENGLISH (20 MARKS)

1. Grammar
 - a. Article
 - b. Adverbs
 - c. Preposition
 - d. Connectives
 - e. Adjectives
 - f. Countable/ Uncountable Nouns
 - g. Questions
 - h. Comparative and Superlative Degrees of Adjectives
 - i. Tense
 - j. Modals
2. Vocabulary
Synonyms, Antonyms, Word Meanings
3. Writing (Letter / Email / Paragraph)

B. NEPALI (20 MARKS)

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

C. MATHS (20 MARKS)

1. Arithmetic
 - a. Number System(Prime and Composite Numbers up to 100)
 - b. Order of operation
 - c. Fraction
 - d. 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.