

Sainik Awasiya Mahavidyalaya

Syllabus for Grade VI Entrance Examination - 2082

Time: 1 hr. 40 mins

F.M. 100

A. ENGLISH (20 MARKS)

1. Grammar
 - a. Article
 - b. Preposition
 - c. Connectives
 - d. Adjectives
 - e. Questions
 - f. Comparative and Superlative Degrees of Adjectives
 - g. Tense
 - h. 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 लेख)

C. MATHS (20 MARKS)

1. Arithmetic
 - a. Unitary method
 - 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. Types and properties of triangle
 - c. Construction of angle by using protractor
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. Cell and its components
3. Flowering plants
4. Life processes
5. The solar system and eclipses
6. Diseases
7. Energy
8. The earth
9. Information and communication
10. Balanced diet
11. Personal / Environmental sanitation
12. 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 and miscellaneous
6. Numbers / digits
7. Words and letters
8. Miscellaneous

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