

Syllabus of Entrance Examination for 2081 B.S.

Class: 7

Time: 1 hr. 40 mins

F.M. 100

1. English (20 Marks)

- a. Nouns
- b. Articles
- c. Words
- d. Questions Tags
- e. Voice
- f. Relative Clause
- g. Transformation
- h. Letter Writing

2. Nepali (20 Marks)

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

3. Mathematics (20 Marks)

- 1. Set: Membership
- 2. Arithmetic:
 - Divisibility test, square, square root, factors and multiples
 - Simplification, H.C.F. and L.C.M. of whole numbers
 - Fraction, profit and loss, percentage and unitary method
- 3. Mensuration: Area, perimeter and volume (Rectangle, square cube, cuboid)
- 4. Algebra: Indices, Algebraic expression (Addition, subtraction, multiplication, Equation)
- 5. Geometry: Angles (classification) and triangle (Classification)

4. Science (20 Marks)

- a. Scientific Learning
- b. Information and communication technology
- c. Organisms and their structures
- d. Biodiversity and Environment
- e. Life process
- f. Force and motion
- g. Energy in daily life
- h. Electricity
- i. Matter
- j. Materials used in daily life
- k. The Earth and space

5. GK and IQ (20 Marks)

- a. History and Culture
- b. Geography
- c. Sports
- d. Literature
- e. Science and Technology
- f. Current affairs
- g. Miscellaneous
- h. IQ

Note: Some minor changes might be made based on class 6 curriculum.