Shri Vaishnav Entrance Test (SVET)

Syllabus for (MCA+ PhD)

- **Mathematics:** Mathematics will be of the level of BCA/B. Sc. program

- **Computer Science:** Introduction to Computer organization including data representation, Basics of Operating System, Boolean circuits and their simplification, Databases, Software Engineering, Computer Networks, C-programming: Data types, constants and variables, operators and expressions, control structures. Modularity: use of functions, scope, arrays.

- **Aptitude and Logical Reasoning:** Problem-solving using basic concepts of arithmetic, algebra, geometry and data analysis.

- **English**

  **Part I - Grammar and Usage**
  1. Determiners
  2. Prepositions
  3. Tenses
  4. Modals
  5. Narration
  6. Voice
  7. Negatives, Interrogatives
  8. Phrasal Verbs and Idioms
  9. Words used as different Parts of Speech
  10. Antonyms and Synonyms
  11. One Word Substitution
  12. Words often misspelt
  13. Phrase analysis
  14. Clause analysis
  15. Spotting Errors

  **Part II - Reading Comprehension**

- Topics from Sports, Social Milieu, Politics, Science and Technology, Travel, Business, Food