

SYLLABUS FOR NATIONAL IT WHIZKIDS COMPETITION

1. History of Computer Science: Early calculating aids, modern computers, Notable Scientists and Important Dates
2. Generations of modern computer
3. Classification of modern computers: In terms of size, type of data processed and Purpose
4. General characteristics of modern computers
5. Hardware components of the computer system: processing devices and computer peripherals (examples and their uses)
6. Software components of the computer system: System software and application software (examples and their uses)
7. The concept of database: the meaning of data, information, Table, field, and record
8. Computer laboratory management: organization, preventive measures and best practices
9. Computer virus: definition, types, uses and best practices
10. The Internet: meaning, main aim and uses (relating to business and social activities)
11. Computer and the society: Application of computer technology (as it affects MIS and Decision Support Systems etc)
12. Introduction to programming Common/widely trends/issues in IT