

**The BELTRONs Programmers Exam-2018 shall be based on  
MCA Syllabus of IGNOU, as under:**

1. Boolean Algebra
2. Discrete Mathematics
3. Problem solving and programming
4. Computer Organization and Assembly Language Programming
5. System Analysis and Design
6. Internet concept and web design
7. Data and file structure
8. Operating System concepts and Networking Management
9. Introduction to Database Management System
10. Object Oriented Technologies and Java Programming
11. Operating Systems
12. Object Oriented Analysis and Design
13. Data communication and computer networks
14. Advance database management systems
15. Software engineering
16. Advance Internet Technologies
17. Computer Graphics and Multimedia