

BBC-269

B.C.A. VIth Semester (ATKT)

Examination, 2020

Internet Technology & Security

Paper - I

[Maximum Marks : 85

16

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250

Note :- All questions from each section carry equal marks. All questions are compulsory and answer limit are approximately 250 words. Start the answer of each section from new page. Maximum limit of pages of answer booklet are approximately 16 pages. Answer should be written by the student in his/her own handwriting mandatory. The first page of answersheet should be download by the student from university website www.bubhopal.ac.in is mandatory.

1. Write any two commonly used encryption algorithms.
2. What is cryptography ? How network security can be achieved using cryptography ?
3. Explain two direct applications of hash function based on its cryptographic properties.
4. Explain both transport layer protocol of OSI Model responsible for IP Security with their header details.
IP OSI
5. Discuss in what ways a virus can effect your computer system in detail.