

This question paper contains 2 printed pages]

AA—04—2019

FACULTY OF COMPUTER STUDIES

B.Sc. (CS) (Third Year) (Fifth Semester) EXAMINATION

OCTOBER/NOVEMBER, 2019

(Revised Course)

COMPUTER SCIENCE

(S5·1)

(Cyber Security)

(Thursday, 14-11-2019)

Time : 10.00 a.m. to 1.00 p.m.

Time—3 Hours

Maximum Marks—80

N.B. :— (i) All questions are compulsory.

(ii) Figures to the right indicate full marks.

(iii) Assume suitable data, if necessary.

1. Attempt the following : 20

(a) Explain the scope of IT Act.

(b) Which technology used behind digital signature ? Explain.

(c) Explain jurisdiction trademark dispute.

(d) Explain how information is published which is absent in E-form.

2. (a) Explain objectives of IT Act. 8

(b) What is genesis ? Explain with example. 7

Or

(c) What is Asymmetric cryptography ? Explain. 8

(d) Explain RSA Algorithm 7

P.T.O.

3. (a) Explain the process to create digital signature. 8
- (b) Explain digital signature and law. 7
- Or*
- (c) What is domain name ? Explain with example. 8
- (d) Explain reverse hijacking. 7
4. (a) Explain composition of appellate tribunal. 8
- (b) Explain power of officer adjudicating for impose penalty. 7
- Or*
- (c) Explain digital signature and PKI. 8
- (d) Explain offences related to digital signature. 7
5. Write short notes on (any *three*) : 15
- (a) Meta tags
- (b) Public key encryption
- (c) Cyber scattng
- (d) Tampering with computer source document
- (e) Power of officer to award compensation.