

Total No. of Question: [03]

Total No. of Printed Pages: [01]

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PAPER CODE	U 321-235 A (ESE)
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MAY 2022 - ENDSEM EXAM
T.Y.BTECH. (All Branches) (SEMESTER - II)
COURSE NAME: OPEN ELECTIVE I
[INFORMATION AND CYBER SECURITY]
COURSE CODE: IOEUA32185A
(PATTERN 2018)

Time: [1 Hr]

[Max. Marks: 30]

Instructions to candidates:

- 1) **Figures to the right indicate full marks.**
- 2) **Use of scientific calculator is allowed.**
- 3) **Use suitable data where ever required.**

- Q.1 a) Infer the need of SET and Enlist the participants in SET. [4]
- b) Discuss about SSL. Enlist and explain all SSL message types with their parameters. [6]
- OR**
- b) Describe the security features for securing the electronic mails. [6]
- Q.2 a) Define firewall and Enlist main functions of firewall. [4]
- b) Summarize the need of Root Certificate. [6]
- OR**
- b) Enlist the characteristics of firewall. [6]
- Q.3 a) Compare SQL Injection attack and XSS. [4]
- b) Summarize preventive measures of XML External Entities (XXE). [6]
- OR**
- b) Choose and Explain any two Vulnerabilities. [6]