

SPPU-BE-COMP-CONTENT – KSKA Git

Total No. of Questions : 4]

SEAT No. :

P8917

[Total No. of Pages : 2

Oct-22/BE/Insem-46

B.E. (Computer Engineering)

CYBER SECURITY AND DIGITAL FORENSICS

(2019 Pattern) (Semester - VII) (Elective - III) (410244C)

Time : 1 Hour]

[Max. Marks : 30

Instructions to the candidates :

- 1) Answer Q1 or Q2, Q3 or Q4.
- 2) Neat diagrams must be drawn whenever necessary.
- 3) Figures to the right indicate full marks.
- 4) Assume suitable data, if necessary.

Q1) a) Define cybercrime. Explain types of cybercrime. [5]

b) Explain the process of security risk analysis. [5]

c) Give the reasons behind the need for information security. [5]

OR

Q2) a) Explain different threats to Information System. [5]

b) What do you mean by Cyber extortion, Drug trafficking? [5]

c) Describe in detail about cyber crime against an individual and organization. [5]

Q3) a) Explain in detail OS security. [5]

b) What are different types of viruses and worms? How do they propagate? [5]

c) What do you mean by Intellectual Property? [5]

OR

P.T.O.

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- Q4)** a) Explain internet hacking and different approaches of hacking. [5]
- b) What are the different ways to gain access to your Computer System? [5]
- c) Explain the significance of Firewall and VPN security technologies. [5]
