

B.C.A. SEM-VI (2014 Course) CBCS : SUMMER - 2019

SUBJECT: INFORMATION SECURITY

Day : Monday
Date : 15/04/2019

Time 10.00 AM TO 01.00 PM
Max. Marks: 100

S-2019-2079

N.B.

- 1) Attempt **ANY FOUR** questions from Section – I and **ANY TWO** questions from Section – II.
- 2) Answers to both the sections should be written in '*SAME*' answer book.
- 3) Figures to the right indicate **FULL** marks.

SECTION – I

- Q.1** Discuss various issues in Information Security. [15]
- Q.2** Explain in brief different security models with their functions. [15]
- Q.3** Explain the terms: [15]
a) TEMPEST standards
b) Security Vs. ATM
- Q.4** What is cryptography? Discuss evolution of cryptography with its applications. [15]
- Q.5** Discuss in detail digital signature with its schemas and diagrammatic representations. [15]
- Q.6** What is Security? Discuss structure of Security. [15]
- Q.7** Write short notes on **ANY THREE** of the following: [15]
a) Firewalls
b) Wireless Mobile Networks
c) RC 4000 software
d) Kerberos

SECTION – II

- Q.8** State and explain various security protocols with their functions and the significance in brief. [20]
- Q.9** Describe in brief secure programming languages with its advantage and importance. [20]
- Q.10** Kudan software system is an IT company. You are appointed as IT security professional with in the company. Write your key roles and responsibilities of yours for the with in the company. [20]

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