

S.No. : 580

BCACS 1202

No. of Printed Pages : 04

Following Paper ID and Roll No. to be filled in your Answer Book.

**PAPER ID : 16407**

Roll  
No.

--	--	--	--	--	--	--	--	--	--

## BCA Examination 2021-22

(Even Semester)

### SECURITY AND DATA PRIVACY LAWS AND STANDARDS

*Time : Three Hours]*

*[Maximum Marks : 60*

**Note :-** Attempt all questions.

#### SECTION - A

1. Attempt all parts of the following : 8×1=8
- (a) Define cyber crime.
  - (b) What is Data Privacy?
  - (c) What is Digital Piracy?
  - (d) Write down the full form of SQL.

*[ P. T. O.*

- (e) How black hat hackers are different from white hat?
- (f) What is Data Breach?
- (g) Define cyber bullying.
- (h) What are the challenges of password management?

### SECTION – B

2. Attempt any two parts of the following :  $2 \times 6 = 12$

- (a) Do we have a way to monitor and detect security incidents continuously? Justify your answer.
- (b) Do we know who and how to notify an impactful security breach?
- (c) What is the difference between multi-step and multi-factor authentication?
- (d) According to you as a network administrator, what is the best password management policy you can recommend?

### SECTION – C

**Note :-** Attempt all questions from this section.

3. Attempt any two parts of the following :  $5 \times 2 = 10$
- (a) Explain in detail the difference between OTP and TOTP.
  - (b) Write a short note on role based access control. Provide example for the same.
  - (c) Define access control list. Explain in detail about the rule based access control.
4. Attempt any two parts of the following :  $5 \times 2 = 10$
- (a) Explain different methods of data recovery. List the name of three tools used.
  - (b) What is the mitigation to the Ransomware attacks?
  - (c) What is the difference between client testing and bug bounty testing?
5. Attempt any two parts of the following :  $5 \times 2 = 10$
- (a) Describe four different types of cyber crime in detail.
  - (b) What are the different attack types which are responsible for data breach.

**[P. T. O.]**

- (c) What is an insider threat? How can we mitigate this?
6. Attempt any two parts of the following :  $5 \times 2 = 10$
- (a) Explain the working of Ransomware attack.
- (b) Elaborate the methodologies for hiding evidence.
- (c) Write a short note on cyber stalking and cyber harassment.

\*\*\*