Goa Vidyaprasarak Mandal's Gopal Govind Poy Raiturcar College Commerce & Economics Farmagudi, Ponda - Goa.

B.C.A. CBCS (SEMESTER - IV) END EXAMINATION, APRIL/MAY 2023

CAG-111 SOCIAL ENGINEERING

Duration: 2 hours

Total Marks: 60

Instructions: i) All questions are compulsory. ii) Figures to the right indicate full marks.

Q.1. A. Answer the following:

- 1. Name any 2 famous Social Engineers.
- 2. List the 2 Tools used for Collecting Information.
- 3. List any 2 Communication Models.
- 4. List any 2 Miscellaneous Lock-Picking Tools.
- 5. List the 2 Aspects of Software Engineering Toolkit.

Q.1. B. Fill in the blanks:

- 1. ______ is a method of gaining unauthorized access to a network or computer system.
- 2. _____ is a relational database of information, finding links between bits of information on the Internet.
- 3. _____is a type of social engineering attack that lures victims into providing sensitive information or credentials by promising something of value for free.
- 4. _____ is the art of exploiting human psychology, rather than technical hacking techniques, to gain access to buildings, systems, or data.
- 5. _____ is a form of extortion where data is deleted or encrypted unless a ransom is paid.

Q.2. A. Explain the 5 steps to perfect your Listening Skills.	(05)
B. Explain the 5 common features in a Phishing Email.	(05)
OR	
X. Explain any 5 Points in Building Instant Rapport.	(05)
Y. Explain any 2 Technical Attack Vectors.	(05)

Q.3. A. Explain any 2 Sources of Information Gathering.(05)B. Explain any 2 ways in creating a Security Awareness Culture
at workplace.(05)OR

X. With the help of Phishing email example ,Explain the steps involved	
in developing a Communication Model.	(05)
Y. Explain the 5 steps used in Choosing the best Auditor.	(05)

(5x1=05)

(5x1=05)

P.T.O.

Q.4. A. Explain the Social Engineering Life Cycle with the help of a	
neat labeled diagram.	(05)
B. Explain any 2 parts of Professional Interrogation.	(05)
OR	
X. Explain any 2 characteristics of a social Engineer.	(05)
Y. Explain any 2 ways to detect Deceit in a Target.	(05)
Q.5. A. Explain any 2 types of questions used in Elicitation.	(05)
B. Explain any 2 Negative Manipulation Techniques using	
Social Engineering examples.	(05)
OR	
X. What is Elicitation? Explain any 2 DHS scenarios in brief.	(05)
Y. Explain any 2 Positive Manipulation Techniques using	
Social Engineering examples.	(05)
Q.6. A. Explain the following Physical tools used by Social Engineer:	
i) Camera and Recording devices.	
ii) GPS tracker	(05)
B. Explain in brief the 5 fundamentals of Influence and Persuasion.	(05)
OR	
X. What is Caller ID Spoofing? Explain the any 2 methods used to do	
Caller ID Spoofing.	(05)
Y. Explain any 2 Influence Tactics.	(05)

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