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**PRESIDENCY UNIVERSITY  
BENGALURU**

**SCHOOL OF ENGINEERING  
MID TERM EXAMINATION - OCT 2023**

**Semester :** Semester V - 2021

**Course Code :** CSE2060

**Course Name :** Sem V - CSE2060 - Information Security and Management

**Program :** B.TECH

**Date :** 30-OCT-2023

**Time :** 2:00PM - 3:30PM

**Max Marks :** 50

**Weightage :** 25%

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**Instructions:**

(i) Read all questions carefully and answer accordingly.

(ii) Question paper consists of 3 parts.

(iii) Scientific and non-programmable calculator are permitted.

(iv) Do not write any information on the question paper other than Roll Number.

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**PART A**

**ANSWER ALL THE QUESTIONS**

**(5 X 2 = 10M)**

1. Describe the Software Assurance. (CO1) [Knowledge]
2. List the information security roles of professionals within an organization. (CO1) [Knowledge]
3. List the importance of balancing security and access. (CO1) [Knowledge]
4. Describe the impact of Traffic analysis towards passive attack. (CO2) [Knowledge]
5. Outline the Software Attacks. (CO2) [Knowledge]

**PART B**

**ANSWER ALL THE QUESTIONS**

**(4 X 5 = 20M)**

6. Explain the characteristics of IS Policy. (CO1) [Comprehension]
7. Explain the Systems Development Life Cycle in detail. (CO1) [Comprehension]
8. Explain the threat consequences. (CO2) [Comprehension]

9. Explain various types of active attacks.

(CO2) [Comprehension]

**PART C**

**ANSWER THE FOLLOWING QUESTION**

**(1 X 20 = 20M)**

10. A. Illustrate the CNSS security Model.  
B. Interpret the multiple defenses against attacks.

(CO1,CO2) [Application]