

Name:

Enrolment No:



UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
 Online End Semester Examination, December 2019

Course: ITSEC

Program: B. Tech-CSE+CSF

Course Code: CSSF4003

Semester: VII

Time 03 hrs.

Max. Marks: 100

SECTION A

1. Each Question will carry 5 Marks
2. Instruction: Complete the statement / Select the correct answer(s)

| S. No. | Question | CO |
|--------|--|-----|
| Q 1 | List the common threats,.....,.....,.....,..... | CO3 |
| Q2 | Key elements in TOE security environment,.....,.....,.....,..... | CO4 |
| Q3 | Describe the functions of Console subsystem (TOE) | CO3 |
| Q4 | Justify, indirect testing criteria is required in VAPT precautions | CO2 |
| Q5 | List the process functions of management responsibility in ISMS process,.....,.....,.....,..... | CO1 |
| Q6 | List the major evaluations in Assurance,.....,.....,..... | CO3 |

SECTION B

1. Each question will carry 10 marks
2. Instruction: Write short / brief notes

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| Q 7 | Describe the Key controls of CIA with real time case study? | CO1 |
| Q 8 | Approach of Common Criteria Recognition Arrangement (CCRA) in security evaluation? | CO1 |
| Q 9 | Brief about TOE with impact and operational guidance? Or Explain the functionality of ITSEC? | CO2 |
| Q 10 | Explain VAPT Process and VAPT Precautions with a real time case study | CO3 |
| Q 11 | Justify, the need of Penetration testing is required and what results will come out after testing? | CO2 |

Section C

1. Each Question carries 20 Marks.
2. Instruction: Write long answer.

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| Q12 | A. Explain Vulnerability assessment, give the clear idea about the concept? 10M B. Make a sample test cases on white box/black box testing with a real time problem? 10M Or A. Explain Security Factors associated with ITSEC with a real time case study? 10 M B. Explain the Social psychology and security policies? 10M | CO2 |
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