

Name:

Enrolment No:



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

Course: Testing in BFSI
Program: B.Tech(CSE+BFSI)
Course Code: CSIB420

Semester: VII
Time 03 hrs.
Max. Marks: 100

Instructions: All questions are compulsory, section B and C has internal choice.

SECTION A

| S. No. | | Marks | CO |
|--------|---|-------|-----|
| Q 1 | Briefly Discuss about types of security threads for BFSI and how software testing is helpful? | 4 | CO2 |
| Q 2 | Define alpha Testing. | 4 | CO1 |
| Q 3 | Illustrate DB Testing Properties. | 4 | CO3 |
| Q 4 | Categorize test metrics of BFSI application. | 4 | CO4 |
| Q 5 | Discuss the impact of improper testing on security in BFSI. | 4 | CO5 |

SECTION B

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| Q 6 | Define and compare white box and black box testing with suitable example. | 10 | CO1 |
| Q 7 | Discuss selection of test cases for Automation. Also, Discuss the role of stress testing. | 10 | CO1 |
| Q 8 | Define Non-Functional Testing. Describe types of Non-Functional Testing. | 10 | CO2 |
| Q 9 | Describe Regression Testing, its techniques and challenges. Or What is a Test Case, Describe in detail? | 10 | CO5 |

SECTION-C

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| Q 10 | In which phase Unit Testing is done. Discuss UAT and ACID. | 20 | CO3 |
| Q 11 | Discuss database system, identify types of database systems. What are the components, contribute to forms DB Testing? OR Explain Customers On Boarding Process, Account Opening Process, KYC Process, Savings Bank Typical A/C Opening Process. | 20 | CO4 |