



RAN-3555

S.Y.B.C.A. (Sem. IV) Examination

October / November - 2019

Paper : 402 Software Engineering - II

Time: 3 Hours]

[Total Marks: 70

સૂચના : / Instructions

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the details of signs on your answer book

Name of the Examination:

S.Y.B.C.A. (Sem. IV)

Name of the Subject :

Paper : 402 Software Engineering - II

Subject Code No.: **3 5 5 5**

Seat No.:

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Student's Signature

Q-1 Answer the following in short:

14

1. Define the term : UML
2. Explain significant code.
3. Define: Mnemonic code.
4. Explain HIPO chart.
5. Define the term: - Transposition error.
6. Explain V&V.
7. Define term: Faceted code.

Q-2 Answer the following (Any Two):

14

1. Write a detail note on Code design.
2. Explain the needs of documentation in system analysis and design.
3. Write a detail note on Output design.

Q-3 Answer the following (Any Two): **14**

1. Explain Black box and White box testing in detail.
2. Write a note on User training.
3. Explain Direct and Pilot conversion

Q-4 Answer the following (Any Two): **14**

1. Explain Decision table with its advantages and disadvantages
2. Write a detail note on Input Design.
3. Explain Top-Down and Bottom -Up testing.

Q-5 (I) Draw a System Flow Diagram for College Management System. **10**

(II) Develop the Data dictionary for the same. **04**

OR

Q-5 (I) Draw a System Flow Diagram for Online Shopping System. **10**

(II) Develop the Data dictionary for the same. **04**