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RAN-1911000103020001

S.Y.B.CA (Sem-3) Examination

October / November - 2019

302 Software Engineering

[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.CA (Sem-3)

Name of the Subject :

302 Software Engineering

Subject Code No.: **1911000103020001**

Seat No.:

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Student's Signature

Q1. Answer in short (Any 7)

(14)

- 1) What is software engineering?
- 2) What is preventive maintenance?
- 3) What is the use of data dictionary?
- 4) What is software process models?
- 5) What is procedural abstraction?
- 6) What is temporal cohesion?
- 7) What is expected requirement?
- 8) Explain types of questionnaires?
- 9) What is coupling?

Q2. Answer in detail (14)

- 1) Explain Waterfall model with advantages and disadvantages.

OR

- 1) Explain Spiral model in detail
- 2) Explain Generic view of software engineering.

OR

- 2) Explain Quality Function Deployment in detail.(QFD)

Q3. Answer any 2 in detail (14)

- 1) Write a note on need of SRS.
- 2) Write a note on components of SRS.
- 3) Explain In detail about analysis model.

Q4 Answer any 2 in detail. (14)

- 1) Write a note on functional independence. Explain any 4 types of coupling.
- 2) Explain characteristics of design.
- 3) Explain design documentation .

Q5. Do as directed

- 1) Draw DFD for Ticket Reservation System (10)

OR

- 1) Draw DFD for College Management System (10)

- 2) Create data dictionary for the above DFD (2)

- 3) Create process specification for the above DFD (2)
