RAN-1911040102030001

MCA (Sem.-II) Examination

March / April - 2019

Paper : 203 : Software Engineering (New)

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:
☛ **MCA (Sem.-II)**

Name of the Subject :
☛ **Paper : 203 : Software Engineering (New)**

Subject Code No.: **1911040102030001**

Seat No.:

Student's Signature

Q.1.	Answer following questions (Any **TWO**):	**[14]**
	1. What is software? Explain waterfall model.	
	2. List agile process models. Discuss any one in detail.	
	3. Write a brief note on requirement engineering tasks.	

Q.2.	Answer following questions:	**[14]**
	1. Draw a Data flow diagram for Hospital Management.	[08]
	2. Define Coupling. Explain types of coupling	[06]

-- OR --

	2. Write a note on functional Independence.	[06]

Q.3.	Answer following questions (Any **TWO**)	**[14]**
	1. Define Metrics. Explain metrics in process domain.	
	2. Write a note on metrics to measure software quality.	
	3. Why project estimation is important? List out its various techniques.	

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Q.4. Answer following questions (Any **TWO**): [14]

1. What are the principles for project scheduling? Explain in detail.

2. Is PNR curve with suitable example for project scheduling? Explain.

3. Explain method of tracking project schedules.

Q.5. Answer following questions (Any **TWO**): [14]

1. Define Testing. Explain principles of testing.

2. Explain control structure testing in detail.

3. Explain the steps of Risk projection.

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