Examination Nov/Dec 2019

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SUBJECT CODE NO:- H-1164
FACULTY OF SCIENCE AND TECHNOLOGY
S.Y. B.Tech. (CSE) (Sem-IV)
Software Engineering
[Old]

[Time: Two Hours]   **[Max.Marks:40]**

Please check whether you have got the right question paper.

N.B   i) Question No. 1 & 5 are compulsory.
                     ii) Solve any two questions from question No.2 to 4.
                     iii) Solve any two questions from question no. 6 to 8.

Section A

Q.1   Solve any three.   06
         1. Define software process Model. Write its types.
         2. Identify which type of myth is this-
            "Once we write the program & get if work, our job is done".
         3. Give example of functional & Nonfunction requirement.
         4. How to represent functional & behavioral operation of a system?
         5. List the types of resources.

Q.2   Draw diagram of Linear sequential model & explain it.   07
                                        OR
         Compare between linear sequential model & RAD model.   07

Q.3   Describe functional modeling with a suitable example.   07
                                        OR
         Draw the diagram which represents elements of analysis model & explain it.   07

Q.4   Write short note on following   07
         1) The W^5HH Principles.
         2) The project planning process
                                        OR
         Explain decomposition technique in detail.   07

Section B

Q.5   Solve any three.   06
         1. Define functional independence.
         2. Differentiate between cohesion & coupling
         3. Enlist the umbrella activities in SE.
         4. What is QA & QC procedure in SE?
         5. Name the techniques used in the WBT.

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Q.6	Define the design process & write guidelines for designing quality software.	07
	OR	
	Describe transaction flow & transform flow.	07
Q.7	Explain the risk components & drivers.	07
	OR	
	Describe the SQA activities in detail.	07
Q.8	Describe Software testing strategies.	07
	OR	
	How system testing should be performed? Explain.	07