SUBJECT : SOFTWARE PROJECT MANAGEMENT

Day : Monday		**Time :** 02.00 PM TO 05.00 PM
Date : 22/04/2019	**S-2019-2179**	**Max. marks : 100**

N.B.

1) Attempt **ANY FOUR** questions from Section- I and **ANY TWO** questions from Section – II.
2) Figures to the **RIGHT** indicate **FULL** marks.
3) Both the sections should be written in SAME answer books.

SECTION – I

Q.1 Explain in detail models of software development process. **(15)**

Q.2 Explain scope management system with work break down structure. **(15)**

Q.3 Explain COCOMO model for software project cost estimation. **(15)**

Q.4 Explain in detail time management with the critical path analysis. **(15)**

Q.5 What is software testing? Explain in brief different types of testing. **(15)**

Q.6 Write short notes on **ANY TWO** of the following **(15)**
    a) V-model
    b) PERT
    c) Risk management

SECTION – II

Q.7 Prepare system flow chart and requirement analysis with design phase for developing hotel management system. **(20)**

Q.8 What are phases in software project life cycle? Explain each in brief. **(20)**

Q.9 Draw activity diagram for the following project. Find earliest completion time and critical path for the same. **(20)**

	Activity	Duration (Weeks)	Dependence
A	Requirement Analysis	3	-
B	Define scope	2	A
C	Hardware and software selection	1	A,B
D	Test plan	2	C
E	Coding	4	C,D
F	Implementation	2	E

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