Sanjay Ghodawat University, Kolhapur

2020-21

Established as State Private University under Govt. of Maharashtra. Act No XL, 2017

EXM/P/09/00

Year and Program:	**School of Science**	**Department: MCA**
Course Code: MCA 107	**Course Title: Software Engineering and Project Management**	**Semester :I**
Day and Date: Thursday 10 Jun 2021	**End Semester Examination**	**Time : 2 Hrs.** **Max Marks : 50**

Instructions: 1) All Questions are compulsory.

2) Draw neat labeled diagram if required.

		Marks	Bloom's Level	CO
Q.1	**Answer/Solve the following (any Two)**			
a)	Classify different types of non functional requirement.	8	2	CO1
b)	Explain software different types of software evolution and state Lehman's law of evolution.	8	2	CO1
c)	Explain waterfall model.	8	1	CO2
Q.2	**Answer/Solve the following (any two)**			
a)	List different design concept and explain any three design concepts.	8	4	CO2
b)	Identify various metrics used for source code and explain them.	8	3	CO3
c)	Compare black box testing and white box testing.	8	4	CO3
Q.3	**Answer/Solve the following (any two)**			
a)	Elaborate RMMM Plan.	9	5	CO4
b)	What do you mean by statistical quality assurance.	9	3	CO4
c)	List different ISO 9000 standards.	9	4	CO3