4ᵗʰ Semester Regular/ Back Examination: 2022-23
SUBJECT : Managing Software Projects
BRANCH(S): MBA, GM
Time : 3 Hour
Max Marks : 100
Q.Code : M405
Answer Question No.1 (Part-1) which is compulsory, any eight from Part-II and any two
from Part-III.
The figures in the right hand margin indicate marks.

Part-I

Q1   **Answer the following questions :**   (2 x 10)

a) How is a software project different from other projects?

b) What is the need to understand the management aspects of software projects?

c) What are the ways to categorize software projects?

d) What is meant by stakeholders in a software project?

e) What is the most prominent aspect that decides whether any software is a success or not?

f) What are the major elements in management control for software projects?

g) What is the essence of Project Portfolio management?

h) What is the need of doing Risk evaluation?

i) What is meant by Program management?

j) What is the purpose of CBA techniques?

Part-II

Q2   **Only Focused-Short Answer Type Questions- (Answer Any Eight out of   (6 × 8)
Twelve)**

a) What do we understand from the objective of software project management? Substantiate with examples.

b) Describe the prominent activities covered under software project management and control.

c) Explain the factors or aspects that should be addressed in Strategic Program management. Give suitable examples.

d) Briefly explain what is meant by "Build or Buy" in selection of appropriate project?

e) What is meant by "Structure vs. speed of delivery"? Briefly explain with examples.

f) How is allocation of resources managed within programmes? Furnish examples, wherever possible.

g) What is the purpose of Risk Evaluation in software project?

h) What is software proto-typing? How is it useful in software project management process?

i) What are the possible drawbacks if proper resource allocation is not done within programmes?

j) State a few reasons for which software project may fail.

k) Explain software effort estimation in terms of the basis and techniques.

l) Explain what is meant by 'software quality measures'.

Part-III
Only Long Answer Type Questions (Answer Any Two out of Four)

Q3 Describe elaborately the plans, methods and methodologies for software project management with relevance examples. **(16)**

Q4 Explain strategic project management process and stepwise project planning in details along with suitable examples. **(16)**

Q5 How is evaluation of individual project done? Furnish theoretical examples to explain properly. **(16)**

Q6 Describe the basis for software estimating and the effort estimation techniques elaborately. Furnish hypothetical examples to explain the relevance. **(16)**