Printed Pages:01 **Sub Code: KCA013**

Paper Id: 232312 **Roll No.** | | | | | | | | | | |

MCA
(SEM III) THEORY EXAMINATION 2022-23
SOFTWARE PROJECT MANAGEMENT

Time: 3 Hours ***Total Marks: 100***

Note: Attempt all Sections. If require any missing data; then choose suitably.

SECTION A

1. Attempt *all* questions in brief. **2x10 = 20**

a. What is technical project planning methodology?
b. What is meant by planning?
c. List out various software activities.
d. Differentiate between estimation and costing.
e. What is the aim of activity planning?
f. What is a Project Network Diagram?
g. What are controls in project management?
h. Define schedule variance.
i. What is the need of staffing in software project management?
j. Define the term decision making.

SECTION B

2. Attempt any *three* of the following: **10x3 = 30**

a. What are the phases in software development life cycle? Discuss them.
b. Discuss water fall model in detail.
c. What do you think would be the main factors regarding project scheduling? Discuss.
d. Write a short note on "balancing the control system."
e. Discuss various components of staffing.

SECTION C

3. Attempt any *one* part of the following: **10x1 = 10**

a. Explain activities covered by software project management.
b. Explain the steps involved in to identify activity risks.

4. Attempt any *one* part of the following: **10x1 = 10**

a. Write short note on software prototyping.
b. What are various phases of rapid application development model? Discuss them.

5. Attempt any *one* part of the following: **10x1 = 10**

a. Analyze how project activities planning and scheduling is the first process group of project time management
b. Explain the tools used for the project review.

6. Attempt any *one* part of the following: **10x1 = 10**

a. Discuss the characteristics of a reporting system.
b. Why do we need Graphical Reporting Tools for reporting system? Discuss.

7. Attempt any *one* part of the following: **10x1 = 10**

a. Discuss various steps involved in staffing process.
b. Write short note on Oldham – Hackman job characteristic model.

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