EE-683

M.C.A. EXAMINATION, May 2018

(Fifth Semester)

(B. Scheme) (Re-appear Only)

(MCA)

MCA605

SOFTWARE PROJECT MANAGEMENT

Time : 3 *Hours*]   [*Maximum Marks :* 75

Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this regard, will be entertained after the examination.

Note : Attempt *Five* questions in all, selecting at least *one* question from each Section.

Section A

1. Write and explain the different types of activities covered by SPM. **15**

2. (a) Define how the objectives and scope of a software project are identified. **7**

    (b) Define extreme programming. List its features. **8**

Section B

3. (a) What do you mean by activity float ? How is it measured ? **7**

    (b) When we should start planning ? List the objectives of activity planning. **8**

4. (a) What are the benefits of activity prioritization ? Discuss any *two* methods generally used for activity prioritization. **8**

    (b) State and explain the rules and conventions used for activity of arrow networks. **7**

Section C

5. Describe the earned value analysis approach for cost monitoring. **15**

6. (a) Explain the fair recruitment approach which is free from any bias. **8**

    (b) What are different types of contracts. Describe any *seven* typical terms of any contract. **7**

Section D

7. Describe the issues which should be addressed by any project management software. To what extent Project 2000 addresses these issues ? Justify your answer. **15**

8. (a) List and explain any *five* guidelines to enhance the quality of a software product. **10**

    (b) Explain the differences between a quality circle and a review group. **5**