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| **ST. JOSEPH’S COLLEGE (AUTONOMOUS), BANGALORE-27** |
| **MSc COMPUTER SCIENCE II SEMESTER** |
| **SEMESTER EXAMINATION-APRIL 2019****CS 8515 - Software Project Management** |
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|  |  |  |  |  |  |
| **Time- 2.5 hrs.** |  | **Max Marks-70**  |
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**This paper contains one printed page and** one **section.**

**Answer any 7 seven of the following questions 7\*10=70**

1. What is software project management? List the main activities involved in management.(10)
2. Write a note on product breakdown structure and product flow diagram with a diagram each.(10)
3. Compare and contrast between throwaway and evolutionary prototyping. (5)

b) Mention the features of extreme programming. (5)

1. Explain 1) Estimation by analogy(5)

 2) Top down - effort estimation techniques.(5)

 5. With a suitable example explain the steps involved in CPM to identify a critical path in an activity network model. (10)

 6. What are different categories of risks involved in a project? Explain. (10)

 7. Write a note on resource scheduling with a Gnatt’s chart example. (10)

 8. Write a short note on decision making in a team with a mention of factors that act as obstacles to good decision making. (10)

 9. Explain the six major external software quality characteristics identified by ISO 9126. (10)