

**M.B.A. (IT) SEM- III (2012 COURSE)(CHOICE BASED CREDIT
SYSTEM) : SUMMER - 2018
SUBJECT: SOFTWARE PROJECT MANAGEMENT**

Day: Saturday
Date: 05/05/2018

S-2018-1964

Time: 10.00 AM TO 01.00 PM
Max. Marks: 100

N.B:

- 1) Attempt **ANY FOUR** questions from Section-I and **ANY TWO** questions from Section-II.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Answers to both the sections should be written in **SEPARATE** answer book.
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SECTION-I

- Q.1** What is software project management? Discuss issues involved in software project management. **(15)**
- Q.2** Explain the following terms. **(15)**
- a) Project scope
 - b) Scope verification
 - c) Scope control
- Q.3** Discuss the COCOMO model in detail. **(15)**
- Q.4** Describe elements of risk management in brief. **(15)**
- Q.5** Write short notes on **ANY TWO** of the following: **(15)**
- a) Human Resource planning
 - b) Team structures
 - c) Extreme programming

SECTION-II

- Q.6** Calculate functions point value for the project given below. **(20)**
- | | |
|---------------------------|----|
| Number of Programs: | 27 |
| Number of Inputs: | 11 |
| Number of Outputs: | 10 |
| Number of Internal files: | 7 |
| Number of External files: | 3 |
| Number of Programmers: | 7 |
| Number of Enquiries: | 8 |
- Compute for all the three complexities. (Consider $\Sigma F_i = 1$).
- Q.7** As a Project Manager of Library Management System, identify stakeholders required to develop this software project. Give the role of each stakeholder involved in the software development. **(20)**
- Q.8** a) "Adding more people to late project makes it later". Justify with suitable example. **(10)**
- b) What is agile development? Explain advantages of agile development. **(10)**

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