Day: Saturday	**Time:** 02.00 PM TO 05.00 PM
Date: 01/12/2018	**Max. Marks: 80**

W-2018-4527

N.B:

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

SECTION-I

Q.1   Explain the concept of requirement specification in brief.   **(10)**

Q.2   Give an outline of step wise planning activities for a project with neat diagram.   **(10)**

Q.3   Elaborate configuration management plan in project management.   **(10)**

Q.4   What is risk management? How the risks are evaluated in software projects?   **(10)**

Q.5   Draw and explain the organizational structure of a software company.   **(10)**

Q.6   List and explain tasks and responsibilities of project manager.   **(10)**

Q.7   Write short notes on (**ANY TWO**):   **(10)**

   a)   Cocomo-2
   b)   Impact Analysis Tools
   c)   Forward Engineering
   d)   Ballpark Schedule Estimation

SECTION-II

Q.8   What is domain engineering? How it is applied in software project management?   **(15)**

Q.9   Consider a project with the following functional units: **(15)**
   i)   Number of user inputs = 20.
   ii)   Number of user outputs = 15.
   iii)   Number of user enquiries = 10.
   iv)   Number of user files = 4.
   v)   Number of external interfaces = 2.
   Assuming all complexity adjustment factors and weighing factors as low, calculate Function Point Analysis.

Q.10   Explain the concept of classification and retrieval of reusable software components using a suitable example.   **(15)**

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