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**MBA
15MNG305D**

# 3<sup>RD</sup> Semester Regular Examination-2017-18
## SOFTWARE PROJECT MANAGEMENT(SDM)
### Branch : MBA
### Time: 3 Hours
### Max marks: 100
### Q.CODE: B687
**Answer Question No.1&2 which is compulsory and any four from the rest.
The figures in the right hand margin indicate marks.**

**Q1**     **Answer the following questions:**                                    **(2 x 10)**

**a)**   _____ identifying which quality standards are relevant to the project and determining how to satisfy them.
  a)  Quality Planning
  b)  Communications Planning
  c)  Organization Planning
  d)  Staff Acquisition

**b)**   Project management processes can be organized into _____ groups
  a)  Four
  b)  Five
  c)  Six
  d)  Seven

**c)**   Product quality depends on its conformance to _____
  a)  Software requirements
  b)  Development standards
  c)  Implicit requirements
  d)  All of given

**d)**   Finally, the specification includes a _____
  a)  Bibliography
  b)  Appendix
  c)  Both Bibliography and Appendix
  d)  Reference

**e)**   Cognitive model describes a system as perceived by its _____
  a)  User community
  b)  Developer
  c)  Top level management
  d)  Manager

**f)**   A review of the *Software Requirements Specification* is conducted by _____

a) Software developer
b) Customer
c) Both the software developer and the customer
d) Top level management

**g)** A meeting is conducted at a _____ and attended by both software engineers and customers.
    a) Software engineer site
    b) Neutral site
    c) Customer site
    d) Company site

**h)** In problem evaluation area of effort, once problems have been identified, the _____determines what information is to be produced by the new system and what data will be provided to the system.
    a) Analyst
    b) Designer
    c) Coder
    d) Manager

**i)** Requirements are refined and analyzed to assess their clarity, completeness, and_____
    a) Correctness
    b) Consistency
    c) Concurrency
    d) None of given

**j)** A software project that meets all the stated objectives is a success of _____
    a) Project quality
    b) Project fundamental purpose
    c) Project management myth
    d) Project requirement

**Q2**     **Answer the following questions:**     **(2 x 10)**

**a)** Distinguish between the terms task and activity in a project management

**b)** What do you mean by critical path in project progress

**c)** What is testing

**d)** Write down three important part of SRS

**e)** What is the meaning of PSP?

**f)** What do you understand by software configuration

**g)** What is estimation?

**h)** What are the advantages of COCOMO II over COCOMO model?

**i)** What are the different levels of testing?

**j)** What are the basic requirements for a Software Configuration Management(SCM) systems?

**Q3** Discuss spiral model with its merits and demerits along with a neat diagram. **(15)**

**Q4** Write down the activities that a software project manager performs during software project planning **(15)**

**Q5** What do you understand by software project estimation? Discuss various techniques use for software project estimation. **(15)**

**Q6** Explain cohesion and coupling in the context of software design? How are these concepts useful in arriving at a good design of a system? **(15)**

**Q7** What is Risk? What is the important type of risks that a software project might suffer from? Explain different Risk Management activities. **(15)**

**Q8.** **Write short notes on any two:** **(7.5x2)**
   **a)** SEI capability maturity model.
   **b)** Scheduling
   **c)** SIX Sigma
   **d)** Software Quality Management