MASTER OF SCIENCE (COMPUTER SCIENCE) (CBCS-2018 COURSE)
M.Sc. (Computer Science) Sem-II :SUMMER- 2022
SUBJECT : SOFTWARE PROJECT MANAGEMENT

Day : Saturday

Date : 02-07-2022 **S-20043-2022**

Time : 03:00 PM-06:00 PM

Max. Marks : 60

N.B.
1) All questions are **COMPULSORY**.
2) Figures to the right indicate **FULL** marks.

Q.1 Describe various performance measures used to predict the accuracy **(15)** of a Cost Estimation Model.

OR

Explain the importance of PERT and CMM.

Q.2 A) Answer **ANY ONE** of the following: **(08)**
  i) What is SCM (Software Configuration Model)?
  ii) Explain organizational planning in detail.

  B) Answer **ANY ONE** of the following: **(07)**
  i) What is meant by Story-point? Describe the importance of Story-points.
  ii) Explain different types of relationship dependencies.

Q.3 Answer **ANY THREE** of the following: **(15)**
  a) Define effort. Explain how to measure efforts.
  b) Explain product development life cycle with suitable diagram.
  c) Describe table, Gantt chart and network diagram in brief.
  d) Explain Iterative Model with the help of suitable diagram.
  e) Write in brief about goal and scope of a software project.

Q.4 Write short notes on **ANY THREE** of the following: **(15)**
  a) DuPont Financial model
  b) Portfolio management
  c) Brainstorming
  d) Critical success factors applied to software requirements
  e) Software Quality Assurance Plan

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