

Total No. of Questions : 7]

SEAT No. :

P566

[Total No. of Pages : 2

[5840]-203

F.Y. M.Sc. (Computer Science)

CSUT 123 : SOFTWARE PROJECT MANAGEMENT

(2019 Pattern) (Semester - II)

Time : 3 Hours]

[Max. Marks : 70

Instructions to the candidates:

- 1) Q. 1 is compulsory.
- 2) Solve any Five questions form Q.2 to Q.7.
- 3) Q.2 to Q.7 carry equal marks.

Q1) Solve any Five of the following :

[10]

- a) Write a short note on PSP.
- b) What is a Project Plan?
- c) Write characteristics of Measurement Team Members.
- d) Define project. Give any two example of Project.
- e) List the outputs of administrative closure in project communication Management.
- f) List the processes involves in communication management.

Q2) a) Write common elements of a project plan and also describe the overview of the project. [7]

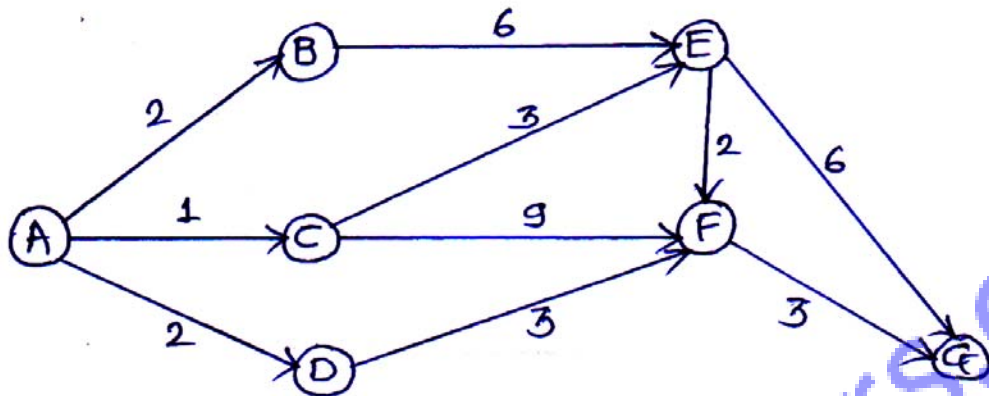
b) Explain CMM model phases with help of diagram. [5]

Q3) a) Write a note on Team Structure and Explain in brief tools and methods used in software project Management. [7]

b) What is Human resource Management. And describe team development process in Human resource Management. [5]

P.T.O.

- Q4)** a) List the Quality Models and write a note on McCall software quality model. [7]
- b) Define CPM. Find Critical path for the following Network diagram : [5]



- Q5)** a) Explain the types of Data and What is Good Data. [7]
- b) Write the categories of Risk. and Explain the Risk Management Processes in detail. [5]

- Q6)** a) Define MTTF and MTBF. Write meaning of Productivity and How do we measure productivity. [7]
- b) What is EVA? Given the following information for a project, answer the following question. [5]
 BCWS = 27,000 Rs, BCWP = 18,000 Rs, ACWP = 36,000 Rs.
 Find CPI and SPI

Q7) Write short notes on any two of the following : [12]

- a) Goals of Metrics Plan.
- b) Template of Scope statement.
- c) Types of contract.

