

Total No. of Questions :5]

P1477

[5365]-4010

M.B.A.

**403-IT : SOFTWARE PROJECT MANAGEMENT
(2016 Pattern) (Semester-IV)**

Time : 2½ Hours]

Instructions to the candidates:

[Max. Marks : 50

- 1) *All questions carry equal marks.*
- 2) *All questions are compulsory.*
- 3) *Figures to the right indicates full marks.*

Q1) Explain difference between software project management and contract management. **[10]**

OR

Discuss plans and methods used for software project management.

Q2) Explain cost benefit Analysis in detail. **[10]**

OR

Explain strategic assessment and technical assessment for project management.

Q3) Discuss COCOMO model in detail. **[10]**

OR

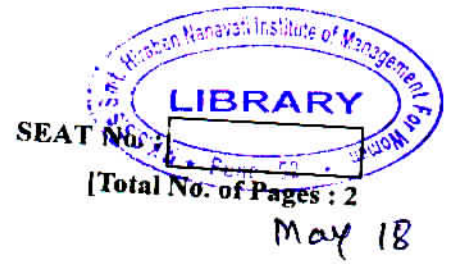
Explain software project sequencing and scheduling.

Q4) Discuss software project risk analysis, planning and control. **[10]**

OR

Explain CPM and PERT tools with example.

P.T.O.



Q5) Draw PERT diagram for following project and calculate critical path : [10]

Activity	Description	Duration	Predecessors
A	Develop project plan	3	-
B	Assign project task	4	-
C	Obtain hardware	5	A
D	Coding	6	A
E	Hardware installation	7	C
F	Testing	8	D
G	User acceptance	9	B
H	Support & maintenance	3	E, F, G

OR

You as a developer asked to develop as small application that analyses each course offered by a university and reports the average grade obtained in the course. Write a statement of scope, project initiation, project planning of this project.

