

SUBJECT: PROJECT MANAGEMENT

Day: Thursday
Date: 29/11/2018

Time: 02.30 pm to 05.30 pm
Max. Marks: 60

W-2018-1154

N.B:

- 1) **Q. No. 1 is COMPULSORY.** Out of remaining questions attempt **ANY FOUR.**
- 2) Figures to the right indicate **FULL** marks.

- Q.1 a)** Draw a project schedule network diagram and mark the critical path from the following project data: **(10)**

Activity	Predecessor	Duration (Days)
A	-	2
B	A	3
C	A	5
D	B	7
E	C,D	3

- b)** Also draw the Gantt chart for the schedule assuming project start date as 01 May 2018. **(10)**
- Q.2** What are the ITTOs of the process 'Identify Stakeholders'? Explain the Tools and Techniques used in this process. **(10)**
- Q.3** What are the six items included in the 'Project Scope Statement'? Explain. **(10)**
- Q.4** Define the terms:
- a)** Cost Baseline **(02)**
 - b)** Three-point Estimating (PERT) **(02)**
 - c)** Rolling Wave Planning **(02)**
 - d)** PDM Relationships **(02)**
 - e)** CPM **(02)**
- Q.5** Show diagrammatically how the Project Budget is arrived at. **(10)**
- Q.6** What is EVM? You are the Project Manager of a software development project. The project is expected to be completed in 8 months at a cost of Rs.10,000/- per month. After 2 months, you realize that the project is 30% complete at a cost of Rs.40,000/-. You need to determine whether the project is on time and on budget at this point in time i.e. after 2 months. **(10)**