

## B.C.A. Semester-5 Examination

## SEC 301

## Software Project Management

Time : 2-30 Hours]

March-2024

[Max. Marks : 70]

## Q 1 Write the following.

(i) Define Stakeholder. Explain the categories of stakeholders and explain in brief. (7)  
 (ii) Which are the activities covered by SPM? List out all and explain in detail. (7)

OR

(i) Explain Product flow diagram with example. (7)  
 (ii) Define Programme. Explain Infrastructure forms of Programme. (7)

## Q 2 Write the following.

(i) Explain Spiral model in detail (7)  
 (ii) Explain Expert Judgment technique in detail. (7)

OR

(i) Explain Incremental Delivery. (7)  
 (ii) Explain Eight core Atern/DSDM principle (7)

## Q 3 Write the following.

(i) Explain Risk planning in detail. (7)  
 (ii) The project A has 10 inputs and 12 outputs. The project B has 15 inputs and 18 outputs. Find out Euclidean distance. (7)

OR

(i) Explain Risk Identification in detail. (7)  
 (ii) Draw the activity of node network diagram for the following problem. Find out critical path and total duration. (7)

Activity	Duration(Days)	Precedents
A	4	-
B	2	A
C	5	A
D	3	A
E	4	D
F	3	D
G	3	C
H	3	E
I	2	F
J	6	B
K	5	-
L	5	A,K

## Q 4 Write the following.

(i) What is Contracts? List out types of contracts? Explain fixed price contract (7)  
 (ii) Explain Slip chart in detail. (7)

OR

(i) Explain Gantt chart in detail. (7)  
 (ii) List out nature of resources and explain them in brief. (7)

\*\*\*\*\*