

## Quiz 01

1. Draw Activity on Arrow diagram for the following activities

Activity	A	B	C	D	E	F	G	H
Precedence Activity(s)	-	-	A	B	B, C	B, C, D	E, F	F
Duration (Days)	1	4	8	2	5	7	6	3

2. Find all the possible paths for the above mentioned project and find the critical path of the project.
3. A software engineer has agreed to prepare a simple software program within one month (30 days) at the cost of \$10000. At the end of 18th day he has completed 50% of the work and it cost him \$7500. Find the cost variance, schedule variance, CPI, and SPI.

## Quiz 01

4. Draw Activity on Arrow diagram for the following activities

Activity	A	B	C	D	E	F	G	H	I
Precedence Activity(s)	-	-	A	B	B	C, D	C, D, E	F, G	G
Duration (Days)	1	4	8	2	5	7	6	3	4

5. Find all the possible paths for the above mentioned project and find the critical path of the project.
6. A software engineer has agreed to prepare a simple software program within 20 days at the cost of \$25000. At the end of 12th day he has completed 50% of the work and it cost him \$15000 Find the cost variance, schedule variance, CPI, and SPI.