

4. Explain the maintenance control strategies adopted by manufacturing organizations.
5. How do organizations plan training for optimizing maintenance performance?
6. What do you understand by vibration analysis? How do maintenance engineers plan for monitoring and minimizing vibrations impact on machine performance?
7. Elaborate the common mistakes in planning and scheduling the projects. How these mistakes can be avoided?
8. Draw the network for the activities given on right, thereby identifying the critical path, total project duration and floats. If the activities 2-5, 3-7 and 8-9 involve the use of crane, determine the minimum number of cranes so as that no delay is caused. If there is only one crane, indicate the delay caused, if any.

Activity	Duration	Activity	Duration
1 - 2	2	3 - 7	5
1 - 3	2	4 - 6	3
1 - 4	1	5 - 8	1
2 - 5	4	6 - 9	5
3 - 6	8	7 - 8	4
		8 - 9	3

9. Describe the steps involved in project commissioning and performance review.

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