

THE OPEN UNIVERSITY OF SRI LANKA
DEPARTMENT OF COMPUTER SCIENCE
B.Sc. DEGREE PROGRAMME 2017/2018
NO BOOK TEST – 2
CSU5300: IT PROJECT MANAGEMENT
DURATION: ONE HOUR ONLY (1 HR)



Reg no:

Date: 25th July, 2018

Time: 4.15 pm – 5.15 pm

Answer ALL Questions. Write the answers on the question paper itself.

Assume that you have been assigned to work as a project manager for a software project;

1.

a. How to use the “critical path” to manage your project?

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b. Do you attend all critical paths if there is more than one in your project? Give justifications.

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c. What is the diagram that helps you to identify the critical path?

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2. Name two (02) techniques to shorten your project schedule (critical path).

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3. Name three (03) techniques for estimating the cost of your project.

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4.

a. What is EVM (Earned Value Management)?

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b. Your project has an SPI of 1.07 and CPI of 0.94. How do you describe the project?

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c. Assume your sponsor wants to know the forecast of the cost of the project completion. How do you calculate it?

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5. What is the process that guides you on developing the "Cost Baseline" of the project?

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6.

a. Name the tool to identify the underlying cause of 80% of the project's defects using 80/20 rules.

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b. Name the tool to identify the root causes of potential risks.

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c. Name the process that uses the tools which are given as the answers to the above questions (6.a and 6.b).

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7. Which process gives you the "Verified Deliverable" as the output that goes to the customer?

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8. What process will you be using for "Quality Audit"?

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9. Think of planning another software project with the same team in the current project. What should you refer to find information about when those people will be available for your new project?

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10. How to use the "Resource Histogram" for your project?

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11. Which form of communication is appropriate to report the final status of the closed contract of the project to your stakeholders?

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12. Assume there are ten (10) people in your project. How many communication channels should be there?

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13. Who is the "Risk Owner"?

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14.

a. You can see the remaining risks after you implement your response strategies. What kind of risks are these?

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b. How can you keep information on lower priority risks in your project?

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15. In which process do you create a "Risk Breakdown Structure"?

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