Assignment 7

The due date for submitting this assignment has passed. As per our records you have not submitted this assignment. Due on 2019-04-17, 23:59 IST.

1) “The main objective of Functional Analysis is to identify functional, performance, and interface design requirements”
The above statement is

- [ ] True
- [x] False

No, the answer is incorrect.
Score: 0
Accepted Answers: True

2) What is the output of functional analysis?

- [ ] Detail design of the system
- [ ] A prototype of the system
- [ ] Functional architecture and supporting detail
- [ ] None of the above

No, the answer is incorrect.
Score: 0
Accepted Answers: Functional architecture and supporting detail

3) Which of the following tool is used in functional analysis?

- [ ] Quality Function Deployment
- [ ] Functional Block Diagram
- [ ] Fishbone Diagram

No, the answer is incorrect.
Score: 0
Accepted Answers: None of the above
4) "The speed of the bus should reach to the top speed of 90-100 km/hr, was a technical requirement. While doing functional analysis, the system engineering team changed this requirement like this: Euro 3 engine is required with torque 1200 nm and maximum rpm 2100. The body weight should be reduced and aerodynamically designed. Special tire to withstand the speed."

The above discussion is made at which process step of Functional Analysis?

- Translate higher-level performance requirements
- Define systems in functional terms
- Identify functional groupings
- None of the above

No, the answer is incorrect.
Score: 0
Accepted Answers:
Translate higher-level performance requirements

5) What is required to resolve functional issues?

- Design a solution
- Keep on revisiting the requirement analysis step
- Group functions
- None of the above

No, the answer is incorrect.
Score: 0
Accepted Answers:
Keep on revisiting the requirement analysis step