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Courses » Fire Protection, Services and Maintenance Management of Building

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Unit 9 - Week 8

Course outline

How to access the portal

Week 1

Week 2

Week 3

Week 4

Week 5

Week 6

Week 7

Week 8

- Intelligent Building
- Life cycle cost and basics of building maintenance
- Stages of maintenance management
- PDF of Lecture slides for week 8
- Quiz : Assignment 8

Assignment 8

The due date for submitting this assignment has passed.

As per our records you have not submitted this assignment. **Due on 2018-09-26, 23:59 IST.**

- 1) Questions 1,2 and 3 consider the following equation for life cycle cost:
 $Life\ cycle\ cost = d1xIC + d2x(E.C+O.C+M.C) + (DL-SV)xd3$

What does the term IC represent?

No, the answer is incorrect.

Score: 0

Accepted Answers:

(Type: String) Initial Cost

1.5 points

- 2) What does the term E.C represent?

No, the answer is incorrect.

Score: 0

Accepted Answers:

(Type: String) energy cost

1.5 points

- 3) The term SV represents?

No, the answer is incorrect.

Score: 0

Accepted Answers:

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No, the answer is incorrect.

Score: 0

Accepted Answers:

(Type: String) planned maintenance

(Type: String) planned

1.5 points

5) _____ maintenance is preplanned and helps to reduce any further deterioration to the structure.

No, the answer is incorrect.

Score: 0

Accepted Answers:

(Type: String) Preventive maintenance

(Type: String) preventive

1.5 points

6) _____ denotes regular replacement of small areas or small fixtures.

No, the answer is incorrect.

Score: 0

Accepted Answers:

(Type: String) Patching

1.5 points

7) Which of the following issues require a replacement of the parts?

1.5 points

- No aesthetic change
- Incurring high running cost
- Running at optimal efficiency
- No additional maintenance cost incurred

No, the answer is incorrect.

Score: 0

Accepted Answers:

Incurring high running cost

8) AHU stands for in the context of HVAC (Heating, Ventilation and Air Conditioning system) systems

1.5 points

- Automatic humidifying unit
- Air handling unit
- Advanced heating unit

No, the answer is incorrect.

Score: 0

Accepted Answers:

Air handling unit

9) Plant and system capacity will usually exceed the demand during operation. Answer true/ false

1.5 points

- True
 False

No, the answer is incorrect.

Score: 0

Accepted Answers:

True

10) Majority of control in a building is employed in

2 points

- Fire protection system
 Lift system
 Water supply system
 HVAC (Heating, Ventilation and Air Conditioning system)

No, the answer is incorrect.

Score: 0

Accepted Answers:

HVAC (Heating, Ventilation and Air Conditioning system)

11) Which of the following are components of a typical control system

1.5 points

- Sensing device
 Controller
 Signal control device
 All of the above

No, the answer is incorrect.

Score: 0

Accepted Answers:

All of the above

12) Passive system needs eternal energy to be supplied for its functioning. Answer True/False

1.5 points

- True
 False

No, the answer is incorrect.

Score: 0

Accepted Answers:

False

13) What does the term E.C represent?

No, the answer is incorrect.

Score: 0

Accepted Answers:

(Type: String) energy cost

1.5 points

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