

Unit 6 - Week 5

Course outline

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Week 5

 ECBC and Green Building Requirements

 Introduction to Daylight Simulation

 Daylighting Controls_Part I

 Daylighting Controls_Part II

 Achieving Acoustics Through Glass

 Week 5 Feedback

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Lecture Notes

Assignment 5

The due date for submitting this assignment has passed. As per our records you have not submitted this assignment.

Due on 2019-09-04, 23:59 IST.

 1) Which among the following should have less period of analysis per day? 1 point

- Schools
- Health care
- Resorts
- Shopping complex

No, the answer is incorrect.

Score: 0

Accepted Answers:

Schools

 2) For business and educational buildings, what is the percentage (%) of the area that should meet or exceed the UDI requirements for 90% of the potential daylight in a year? 1 point

- 30%
- 40%
- 45%
- 10%

No, the answer is incorrect.

Score: 0

Accepted Answers:

40%

 3) What is the default value for surface reflectance of the wall or vertical internal surfaces? 1 point

- 50%
- 70%
- 20%
- 30%

No, the answer is incorrect.

Score: 0

Accepted Answers:

50%

 4) Simulation outputs can be defined as 1 point

- Illuminance value
- Sensor point
- Discrete numbers
- All the above

No, the answer is incorrect.

Score: 0

Accepted Answers:

All the above

 5) What is the level of lux for a single big window, at the centre of the façade? 1 point

- High
- Low
- Medium
- There will be no lux level

No, the answer is incorrect.

Score: 0

Accepted Answers:

High

 6) Which of the following is a thermal energy modelling tool? 1 point

- Radiance
- Groundhog
- Openstudio
- Diva

No, the answer is incorrect.

Score: 0

Accepted Answers:

Openstudio

 7) Which of the following tools use auto cad 360 cloud computing to give results? 1 point

- Designbuilder
- Revit
- Spot
- IES-VE

No, the answer is incorrect.

Score: 0

Accepted Answers:

Revit

 8) Which of the following should you avoid after buying the glass? 1 point

- Taking receipt
- Marking on the glass
- Using racks while loading and unloading
- Taking photographs in case of damaged

No, the answer is incorrect.

Score: 0

Accepted Answers:

Marking on the glass

 9) The glass must be stored in a _____ area? 1 point

- Cool
- Well ventilated
- Room temperature
- Direct source of heat

No, the answer is incorrect.

Score: 0

Accepted Answers:

Well ventilated

 10) Which of the following is not from pre-processing zone or department? 1 point

- Cutting
- Arising
- Polishing
- Tampering

No, the answer is incorrect.

Score: 0

Accepted Answers:

Tampering

 11) Which of the following glasses have fragmentation like crystals? 1 point

- Annealed Glass
- HS Glass
- Tempered Glass
- None of the above

No, the answer is incorrect.

Score: 0

Accepted Answers:

Tempered Glass

 12) What is the approximate range of sound the human organs are not capable of detecting? 1 point

- 20 to 20,000 hertz
- 10 to 10,000 hertz
- 20 to 2,000 hertz
- 10 to 1,000 hertz

No, the answer is incorrect.

Score: 0

Accepted Answers:

20 to 20,000 hertz

 13) The threshold of the hearing is about _____ 1 point

- 10µPa
- 15µPa
- 20µPa
- 25µPa

No, the answer is incorrect.

Score: 0

Accepted Answers:

20µPa

 14) The impact of noise after 40 to 45 DB will be _____ 1 point

- Constant
- Doubled
- Triple
- Increased by 5 times

No, the answer is incorrect.

Score: 0

Accepted Answers:

Doubled

 15) DeciBel is defined as ratio of _____ 1 point

- Power
- Voltage
- Intensity
- All the above

No, the answer is incorrect.

Score: 0

Accepted Answers:

All the above