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Courses » Advances in UHV Transmission and Distribution

Announcements **Course** Ask a Question Progress FAQ



Unit 3 - Module-2 : Week-2

Register for Certification exam

Course outline

How to access the portal

Module-1 :
Week-1

Module-2 :
Week-2

- Lecture-6
Failure of apparatus in the field, importance of reliability and testing
- Lecture-7
Pollution flashover phenomena, modeling etc
- Lecture-8
Planning of High Voltage laboratories
- Lecture-9
Importance of High Voltage testing and techniques employed
- Lecture-10
Basic

Week 2 new

The due date for submitting this assignment has passed. As per our records you have not submitted this assignment. **Due on 2019-02-13, 23:59 IST.**

1) Inclined plane method is used to study 1 point

- Tracking and erosion resistance of glass insulator
- Corrosion and erosion resistance of ceramic insulator
- Tracking and erosion resistance of polymeric insulator
- Tracking and Corrosion resistance of ceramic, glass and polymeric insulator

No, the answer is incorrect.

Score: 0

Accepted Answers:

Tracking and erosion resistance of polymeric insulator

2) Rotating wheel and dip facility is used to study aging performance on 1 point

- Ceramic and Composite Insulators
- Composite Insulators
- Glass and Composite Insulators
- Ceramic, glass and Polymeric Insulators

No, the answer is incorrect.

Score: 0

Accepted Answers:

Composite Insulators

3) Multiple stresses consists of 1 point

- Current Voltage, Humidity, Temperature, UV, self-heating

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Week-3	
Module-4 : Week-4	No, the answer is incorrect. Score: 0 Accepted Answers: <i>Voltage, humidity, temperature, UV, saltfog, rain</i>
Module-5 : Week-5	
Module-6 : Week-6	
Module-7 : Week-7	
Module-8 : Week-8	
TEXT TRANSCRIPTS	
DOWNLOAD VIDEO	
Interaction session	

4) A conductor is a material which allows **1 point**

Electric power to pass through it

Voltage to pass through it

Electric current to pass through it

Electric current and voltage to pass through it

No, the answer is incorrect.
Score: 0
Accepted Answers:
Electric current to pass through it

5) ACSR is **1 point**

Aluminum conductor steel reinforced

Aluminum composite steel reinforced

Aluminum conductor steel resistance

Aluminum compound steel reinforced

No, the answer is incorrect.
Score: 0
Accepted Answers:
Aluminum conductor steel reinforced

6) Major types of conductors used for overhead transmission are **1 point**

AAC, ACSR, AAAC and AAAR

AAC, ASSR, AAAC and ACAR

AAA, ACSR, AAAC and ACAR

AAC, ACSR, AAAC and ACAR

No, the answer is incorrect.
Score: 0
Accepted Answers:
AAC, ACSR, AAAC and ACAR

7) Diameter of Bersimis and Lapwing conductor are **1 point**

32.05mm & 38.2mm

35.05mm & 38.2mm

35.05mm & 39.2mm

30.05mm & 38.2mm

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



35.05mm & 38.2mm

8) A conductor bundle is defined as:

1 point

- Combination of more than one conductor per phase spaced from each other
- Only one conductor per phase spaced from each other
- More than one conductor per phase spaced differently from each other
- Combination of minimum of four conductor per phase spaced from each other

No, the answer is incorrect.

Score: 0

Accepted Answers:

Combination of more than one conductor per phase spaced from each other

9) An individual conductor in a bundle conductor is defined as

1 point

- Mini bundle conductor
- Super-conductor
- Sub-conductor
- Individual conductor

No, the answer is incorrect.

Score: 0

Accepted Answers:

Sub-conductor

10) Parameters for conductor bundle selection methodology includes:

1 point

- Corona, RI, TVI, AN, Electric field, losses, flashover etc
- Corona, RI, AN, Electric field, pollution, thermal etc
- Insulation, Corona, Electric field, Magnetic field, thermal, cost etc
- Insulation, Corona, RI, AN, Electric field, losses, thermal, clearances etc

No, the answer is incorrect.

Score: 0

Accepted Answers:

Insulation, Corona, RI, AN, Electric field, losses, thermal, clearances etc



Previous Page

End

