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Courses » Advances in UHV Transmission and Distribution

Announcements **Course** Ask a Question Progress FAQ



Unit 9 - Module-8 : Week-8

Register for Certification exam

Course outline

How to access the portal

Module-1 : Week-1

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Module-8 : Week-8

- Lecture-36 Measurements of High Voltages (cont)
- Lecture-37 Introduction to

Week 8

The due date for submitting this assignment has passed. As per our records you have not submitted this assignment. **Due on 2019-03-27, 23:59 IST.**

1) ACSR Conductors are normally operated at maximum temperatures of **1 point**

- 80 deg C
- 45 deg C
- 95 deg C
- 200 deg C

No, the answer is incorrect.
Score: 0

Accepted Answers:
95 deg C

2) For same voltage the size and weight of a typical HTLS conductor is ----- the ACSR conductor **1 point**

- Two times
- Three times
- lesser than
- None

No, the answer is incorrect.
Score: 0

Accepted Answers:
None

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Lecture-39
Upgradation/uprating De
of transmission
lines-
advantages(cont)

Lecture-40
Summary of the
course

Quiz : Week 8

TEXT
TRANSCRIPTS

DOWNLOAD
VIDEO

Interaction
session

None

No, the answer is incorrect.

Score: 0

Accepted Answers:

Low coefficient of thermal expansion

4) In ACSR Conductors sag varies comparatively higher proportion with

1 point

- Wind
 Temperature
 Current loading
 Span length

No, the answer is incorrect.

Score: 0

Accepted Answers:

Temperature

5) Replacement of existing ACSR Conductors with HTLS leads to

1 point

- Higher voltage transmission
 Higher Current transmission
 Reduction of ROW
 None

No, the answer is incorrect.

Score: 0

Accepted Answers:

Higher Current transmission

6) Sometimes transmission lines are constructed by tapping existing line by LILO providing

1 point

- Vibration dampers
 Spacers
 Slack jumpers
 None

No, the answer is incorrect.

Score: 0

Accepted Answers:

Slack jumpers

7) The CTs used in measurements of high power frequency currents provide

1 point

- Isolation to HV circuits
 Measurement & safety
 Suitable coupling
 None

No, the answer is incorrect.

Score: 0

Accepted Answers:

Isolation to HV circuits

8) Coaxial shunts do not suffer from problems associated with

1 point

- Stray inductance and magnetic flux



- Stray Capacitance and magnetic flux
- Stray inductance and Capacitance
- None

No, the answer is incorrect.

Score: 0

Accepted Answers:

Stray inductance and magnetic flux

9) Rogowski coils are recommended for measurements up to

- 50Hz
- 100Hz
- 10GHz
- 100MHz

No, the answer is incorrect.

Score: 0

Accepted Answers:

100MHz

10) HTLS conductors can operate at

- Ambient temperature
- 250 deg C
- 100 deg C
- None

No, the answer is incorrect.

Score: 0

Accepted Answers:

250 deg C



1 point

1 point

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