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Courses » Advances in UHV Transmission and Distribution

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# Unit 8 - Module-7 : Week-7

Register for Certification exam

## Course outline

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## WEEK 7\_NEW

The due date for submitting this assignment has passed.

As per our records you have not submitted this assignment. **Due on 2019-03-20, 23:59 IST.**

1) The multiplier circuit to generate high impulse voltages was suggested by **1 point**

- Cockroft
- E Marx
- Greinacher
- Walton

**No, the answer is incorrect.**

**Score: 0**

**Accepted Answers:**

*E Marx*

2) The generator using voltage multiplier circuit is loaded the output voltage will never reach **1 point**

- $V_{max}$
- $2V_{max}$
- $2nV_{max}$
- None

**No, the answer is incorrect.**

**Score: 0**

**Accepted Answers:**

*$2nV_{max}$*

3) An impulse current generator usually consists of several **1 point**

- Inductors connected in parallel to common discharge path
- Capacitors and Resistors connected to common discharge path
- Capacitors connected in Series to common discharge path

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Importance of Generation of HVAC, Impulse Voltage and Currents in the laboratory

Lecture-35 Measurements of High Voltages

Quiz : WEEK 7\_NEW

Module-8 : Week-8

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Interaction session

4) For Impedance and capacitance dividers the ratio is obtained by using

1 point

- $K = (Z_1 + Z_2)/Z_1$  and  $K = (C_1 + C_2)/C_1$
- $K = (Z_1 + Z_2)/Z_2$  and  $K = (C_1 + C_2)/C_1$
- $K = (Z_1 + Z_2)/Z_2$  and  $K = (C_1 + C_2)/C_2$
- $K = (Z_1 + Z_2)/Z_3$  and  $K = (C_1 + C_2)/C_1$

No, the answer is incorrect.

Score: 0

Accepted Answers:

$K = (Z_1 + Z_2)/Z_2$  and  $K = (C_1 + C_2)/C_1$

5) Rod-gaps are used to measure peak values of

1 point

- Impulse currents
- PF and Impulse voltages
- only DC voltages
- None

No, the answer is incorrect.

Score: 0

Accepted Answers:

PF and Impulse voltages

6) Electrostatic voltmeters are indicating meters used for

1 point

- AC and DC
- Impulse voltage
- Impulse currents
- None

No, the answer is incorrect.

Score: 0

Accepted Answers:

AC and DC

7) The output voltage in generating voltmeter provides loss due to

1 point

- Loading of primary winding due to transformer impedance
- Primary and secondary windings due to transformer impedance
- Loading of secondary winding due to transformer impedance
- None

No, the answer is incorrect.

Score: 0

Accepted Answers:

Loading of secondary winding due to transformer impedance

8) Chubb-Fortescue suggested a simple and accurate method of measuring

1 point

- AC peak voltages
- AC RMS voltages
- AC and DC peak voltages
- None



**No, the answer is incorrect.**

**Score: 0**

**Accepted Answers:**

*AC peak voltages*

9) Magnetic links are used for measurement of peak magnitude of

**1 point**

- Power
- Voltage
- Current and Voltage
- Current



**No, the answer is incorrect.**

**Score: 0**

**Accepted Answers:**

*Current*

10) The errors encountered during recording in a digital recorder are

**1 point**

- Quantification and discrete time errors
- Quantization and Static errors
- Quantification and Quantization errors
- None

**No, the answer is incorrect.**

**Score: 0**

**Accepted Answers:**

*Quantization and Static errors*

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