

- Q.26 Explain the cause of dim and flickering of lights.
- Q.27 Explain the PTW with its proforma.
- Q.28 Explain the handling of transformer.
- Q.29 Explain the cable handling equipments in brief.
- Q.30 Explain instrument transformers.
- Q.31 Differentiate between switch, circuit breaker and isolator.
- Q.32 Explain the checking and maintenance of bus bars.
- Q.33 Explain the IE Rule for providing service connections for domestic case.
- Q.34 Explain the overhauling motors.
- Q.35 Explain the derrick pole method of pole erection.

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x10=20)

- Q.36 Explain the methods used for applying of underground cables.
- Q.37 Explain the objectives and types of maintenance in detail.
- Q.38 Explain the installation of power/distribution transformer with the detailed list accessories.

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6th Sem / Elect

Subject:- Installation and Maintenance of Electrical Equipment

Time : 3Hrs.

M.M. : 100

SECTION-A

Note: Multiple choice questions. All questions are compulsory (10x1=10)

- Q.1 Earth wire is made of
a) Silver b) Brass
c) Galvanized steel d) None of these
- Q.2 Pin type insulators are used for
a) up to 66KV b) 132 KV
c) 220 KV d) None of these
- Q.3 Fuse wire is made of
a) Nichrome b) Tungsten
c) Tin Lead alloy d) Brass
- Q.4 I.E. Rule is applicable for Danger Notices
a) Rule No. 53 b) Rule No. 35
c) Rule No. 90 d) Rule No. 87
- Q.5 The top most conductor in EHV overhead transmission lines
a) Earth Conductor b) Y-Conductor
c) B-Conductor d) R-Conductor

- Q.6 Electrical shock can be avoided
- By avoiding working on the live equipments
 - Use proper insulating pads.
 - Proper follow the all the safety rules
 - All of these
- Q.7 Patrolling of power line is done
- To detect the fault
 - To reduce the losses
 - To reduce the chances of faults
 - All of the above
- Q.8 Guy wire is used for
- Supporting the poles.
 - as a earth wire.
 - as a phase wire.
 - as a neutral wire.
- Q.9 Test come under Routing test
- Insulation Value test
 - Resistance measurement
 - drop test
 - All of these
- Q.10 Bus bars are usually made of
- Iron
 - Steel
 - Si Steel
 - None of these

SECTION-B

Note: Objective type questions. All questions are compulsory. (10x1=10)

- Q.11 ACSR stands for _____
- Q.12 Define Tee-Off point.
- Q.13 Define Authorized person.
- Q.14 Define Maintenance.
- Q.15 Define Trench.
- Q.16 Define Bus bar.
- Q.17 Define Dead end.
- Q.18 Write the significance of Danger notice.
- Q.19 Name any two types of substations.
- Q.20 Define Drying out.

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

- Q.21 Explain the any five steps taken during installation of any electrical installation.
- Q.22 Give the Qualities of a good Lightning arrestor.
- Q.23 Explain Dehydration process of transformer oil.
- Q.24 Enlist any five tools used in installation and maintenance of Electrical equipments.
- Q.25 Explain the artificial respiration method.