

- Q.25 Explain Pole mounted substation. (CO2)
 Q.26 Explain BDV test for transformer oil. (CO3)
 Q.27 Compare Power transformer and distribution transformer. (CO3)
 Q.28 Explain the term Overhauling of motors. (CO3)
 Q.29 Name the test carried out for domestic installation. (CO3)
 Q.30 Draw the diagram of steel tower. (CO2)
 Q.31 How size of conductor is calculated? (CO2)
 Q.32 Explain clearance of conductors. (CO2)
 Q.33 How earth resistance is measured? (CO3)
 Q.34 What is dielectric strength of transformer oil. (CO3)
 Q.35 Why Night inspection is done? (CO3)

SECTION-D

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

- Q.36 Write the maintenance schedule of 100KVA transformer in detail. (CO3)
 Q.37 Explain procedure for overhauling of motors. (CO3)
 Q.38 Explain procedure for laying of underground cables. What are the precautions should be taken during handling and laying of underground cables. (CO2)

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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 Preventive maintenance is done (CO3)
 a) Before breakdown b) After breakdown
 c) During breakdown d) None of above
 Q.2 Domestic installation is done in (CO3)
 a) Industries b) Houses
 c) In street lightning d) None of above
 Q.3 The input voltage of 132 KV substation is (CO2)
 a) 11000 V b) 33000 V
 c) 66000 V d) 132000 V
 Q.4 Primary transmission voltage is (CO2)
 a) 400 KV b) 11 KV
 c) 33KV d) 220KV

- Q.5 Primary distribution voltage is (CO2)
 a) 400 KV b) 11 KV
 c) 33KV d) 220KV
- Q.6 The insulator used in HT line is (CO2)
 a) Shackle type insulator b) Pin type insulator
 c) Egg type insulator d) None of above
- Q.7 Secondary distribution voltage is (CO2)
 a) 400 KV b) 11 KV
 c) 33KV d) 220KV
- Q.8 Causes of Dim light (CO3)
 a) Over load b) Under load
 c) Medium load d) None of above
- Q.9 Corrective maintenance is done (CO3)
 a) Before breakdown b) after breakdown
 c) during breakdown d) None of above
- Q.10 Domestic voltage is (CO2)
 a) 11000 V b) 440 V
 c) 220 V d) None of above

SECTION-B

- Note:** Objective type questions. All questions are compulsory. (10x1=10)
- Q.11 Full form of ACSR. (CO2)
 Q.12 Write the two type of Earthing. (CO3)
 Q.13 LT stands for _____ (CO3)
 Q.14 Full form of SWG is _____ (CO3)
 Q.15 What is dead end? (CO2)
 Q.16 What is cable ? (CO2)
 Q.17 What is over head conductor? (CO2)
 Q.18 What is transmission line? (CO2)
 Q.19 Write the name of five Electrical tools. (CO1)
 Q.20 Full form of PTW is _____ (CO3)

SECTION-C

- Note:** Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)
- Q.21 Define Grid substation. (CO3)
 Q.22 What is the purpose of FANCING of YARDS? (CO2)
 Q.23 How first aid is given to the victim of electric shock. (CO1)
 Q.24 Compare Overhead and Underground cables. (CO2)