

Model Class Test Paper for Student's Reference
Government of Rajasthan
GOVERNMENT POLYTECHNIC COLLEGE, PALI

Year: Third
Duration: 1Hr.

Branch: Electrical

Session: 2017-18
M.M.:15

EE-302 : Utilization of electrical power and Traction

Note: Attempt any THREE questions

Q.1 Write The Advantages and disadvantages of Electrical heating	List advantages	3 Marks
	list disadv.	2 Marks
Q.2 Explain main factors for selection of Electrical Motor	List of factor	5 Marks
Q.3 Write methods of obtaining Drooping characteristic, Explain any one of them.	List	2 Marks
	method	3 Marks
Q.4 Explain requirements of good Lighting.	List	2.5 Marks
	Explain	2.5 Marks

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EE-303 : Estimating, Costing and Design of Electrical Instruments

Note: Attempt any THREE questions

Q.1. Prepare the list of Material with specification for any substation and Draw labeled Diagram	List Marks	2
	Specification Marks	1
	Diagram Marks	2
Q.2 Draw the single line Diagram for 33 /11 KV GSS	Diagram Marks	3
	Name Mark Marks	2
Q.3 Write the material required for Low tension (L.T.) over head line	List Marks	3
	Specification Marks	2
Q.4 Make the material list for GSS Earthing.	List Marks	2.5 Marks
	Specification Marks	2.5

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Subject Code EE 307

Note: Attempt any three questions-

1.	3-Disc वाले कुचलक लड़ी की लड़ी दक्षता ज्ञात कीजिए?	5 mark
2.	कुचलक में सुरक्षा गुणांक (Safety Factor) क्या होता है ? Suspension Type व Strain Type कुचालाको की तुलना कीजिए?	Define : 1 Mark Compare : 3 mark
3.	भिन्न स्तर पर स्थित खम्भों (Supports) के मध्य Sag (झोल) की गणना कीजिए?	5 marks
4.	Sag पर Wind व Ice के प्रभाव की गणना कीजिए?	5 marks