

CIE TEST PAPER FORMAT

B.V.V.S.Polytechnic(Autonomous), Bagalkot
Name of the programme : E & E

C IE-I

Date	Time	course title	Semester	Seat allotment	Course code	Max marks	Units covered
4/2/2016	2 pm - 3pm	Electrical circuits	Second	<i>F4 (1-35), F6(36-63)</i>	15EL11	20	I,II
Name of the course coordinator with designation:	<p style="margin: 0;">Shri Mahadev N .Talawar Sl.Gr Lect Dept . of E & E</p>						

Note: Answer all questions

Q.NO's	Questions	marks allotted and Scheme of valuation	Course outcomes (CO's)	Programme outcomes (PO's)
1	<p>Define : i Open circuit ii. Closed circuit iii. Short circuit, iv. Linear circuit and v. bilateral circuit</p> <p>OR</p> <p>Explain AC & DC circuits</p>	1X5=5	1	1,2,3
2	State and explain Thevenin's theorems	2+2+1	1	1,7,10
3	A iron ring has a mean length of 50cm and a uniform cross-section of area 5 cm ² . The ring is uniformly wound with 240 turns and magnetizing current of 2A produces a flux of 0.4 mwb. Calculate the reluctance of the magnetic circuit	3+2	1,2	11
4	Explain magnetic lines of forces with diagrams	1+1+2+1	2	1,2,3,4
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