



BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi & Affiliated to Guru Gobind Singh Indraprastha University, Delhi)

(An ISO 9001:2015 Certified Institution)

A-4, Paschim Vihar, Main Rohtak Road, New Delhi – 110 063

Department of Electrical and Electronics Engineering

Student Name.....	Enroll. No.....
Semester V	Date
Course Code EEC 309	Course Title PE
Quiz/Test No. 2	Marks Obtained.....
Max. Marks : 1	Evaluator's Sign.....

Quiz 2 Set A

Time: Five Minutes

Note: Write the answer separately in the space allotted for the purpose at the end of the sheet. Use the blank space for working out the solution.

Q) SCRs with a rating of 1000 V are available to be used in a string to handle 6 kV and 1 kA. Calculate the number of series units required in-case the de-rating factor is 0.1.

Solution:

Answer: