



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 III	Date
Course Code EEC 209	Course Title EM
Quiz/Test No. 1	Marks Obtained.....
Max. Marks : 1	Evaluator's Sign.....

Quiz 1 Set A

Time: Ten 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) Determine the critical current that can flow through a long thin super conducting conductor of radius 0.5 mm. It is given that $H_c = 7900 \text{ A/m}$. [CO1]

Solution:

Answer: