



INSTITUTE OF ENGINEERING & MANAGEMENT

Salt Lake Electronics Complex, Kolkata – 700 091,
West Bengal, India



Stream:	IT	Semester:	
Session:		Date of Examination:	DD/MM/YYYY
Paper Name:			
Paper Code:		Section:	
Candidate's Name:			
Registration No.:		of year	
University Roll No.:			

INSTRUCTIONS FOR CANDIDATE

Download the Answer Script allotted to your Google class.
You can take print out the Answer Script and fill the same
the softcopy.

Fill all the details carefully to the respected place. Any wrong
incomplete details may be considered as cause cancellation.

All candidates have to answer in this answer script only (no
from this script extra page will not consider).

Those who will fail to simulate using Tinkercad Software,
(all the points Title, Circuit Diagram, Heading of the Observation
Apparatus Table & Expected Graph, Discussion) in his/her
need to insert image in the same answer script (DOC file).

Q1.(a))	Perform an experiment to derive the V-I characteristics of Zener diode, calculate R_s (static resistance).
(b)	Briefly discuss application of zener diode as voltage regulator.

