Sai Nath University

Assignment For Diploma in electrical Engineering 3rd Sem.

The Assignment will consist of two parts, A and B. Part A will have 5 short answer questions(40-60 words) of 4 marks each. Part B will have 2 long answer questions of 10 marks each

All questions are compulsory.

These Assignments should be completed and submitted in written form by the student to his/her respective Faculty/ Examiners. Assignment Submission Dates are:

List Of Suggested Questions

The list of suggested questions are for students to practice. Although optional, we recommend that students solve these questions, as they will help them in preparing for exams as well as in clearing the important concepts of the subject.

List of Practical and suggested practical's

The list of practical's should be done by the students in their Lab Sessions. These are the basic practical's, which each student should be able to do himself independently. While the list of suggested practicals are optional, but it is recommended that students should perform those practical so as to have a thorough knowledge of the subject

Education Delivery Schedule (EDS)

As per University Semester scheme, the minimum contact hours of each paper has been Divided into two hours theory and practical class.
The faculty will maintain this attendance paper wise for his/her batch.

Subject Code	Subject Name
DEEE	ELECTRICAL AND ELECTRONICS ENGG MATERIAL
DEEE	ELECTRICAL MEASU - REMENT AND MEASURING INSTRUMENT
DEEE	ELECTRONICS – I
DEEE	ELECTRICAL ENGG DESIGN AND DRAWING
DEEE	COMPUTER PROGRAMMING AND APPLICATION

SAI NATH UNIVERSITY

Cover page of Assignment

ID NUMBER ……

NAME ……

COURSE Diploma Engineering LE

STREAM ELECTRICAL……

SEM 3RD ……

SUBJECT CODE ……

SUBJECT NAME ……

Assignments will be completed by the Student in his/her own handwriting.

DEEE

Electronic Instruments And Measurement

Part A

1) How many types of Electrical measuring instrument? explain all.
2) Difference between ammeter and voltmeter
3) explain construction and working of moving iron instrument.
4) Explain working principle of Magger .
5) What is earth tester? write short note.

Part B

1) Draw the block diagram of digital multimeter.
2) Short note on tong tester.
3) Derive the expression of Maxwell inductance bridge.
4) What is CRO? Explain the working
5) Explain the methods of liquid level measurement.

DEEE
[ELECTRONICS 1]

Part A

(1)- Explain the active and passive component.
(2)- Explain intrinsic and extrinsic semiconductor.
(3)-Explain P-type and N-type semiconductor.
(4)- Explain working of PN junction
(5)- What is LED and Photo diode.

Part B

(1)- Explain the working of npn transistor.
(2)- Explain the varactor diode
(3)- Derive the relation between β and α.
(4)- Draw the input and output characteristics of common base junction.
(5)-Explain effect of temperature in intrinsic and extrinsic semiconductor.

DEEE

[ELECTRICAL ENGG DESIGN AND DRAWING]

Part A

1) Why are we use electrical symbols.
2) Draw electrical symbol of MSB And DB with switch.
3) Draw electrical symbol of fan regulator and bracket fan.
4) Draw electrical symbol of HRC switch and kit-kat fuse.
5) Draw electrical symbol of chain lamp fixer.

Part B

1) Draw scheme diagram of one light point control from two Place.
2) Draw scheme and multi line diagram of one light from three Place.
3) Draw scheme diagram of corridor lighting.
4) Draw multiline diagram of close corridor lighting.
5) Draw scheme diagram of domestic room.

[ELECTRICAL AND ELECTRONICS ENGG. MATERIAL]

Part A

Q.1 Brief the information of T.C.R.

Q.2 Classify the material on the basis of resistivity.

Q.3 Explain semiconductor.

Q.4 Brief a information of aluminum.

Q.5 Explain the use of brass.

Part B

Q.1 Explain the properties of tungsten.

Q.2 what is super conductor

Q3. Explain short information of carbon.

Q4 what is dielectric loss ? explain

Q5. What is dielectric constant?

DEEE
[COMPUTER PROGRAMMING AND APPLICATIONS]

PART A

Q1- Write a c program input two number and swap it.

Q2- Write a c program input three numbers and swaps it.

Q3- What is the purpose of the keyword typedef ?

Q4- What is difference between actual and formal parameter ?

Q5- What is difference between variable declaration and variable definition ?

PART B

Q1- What are the different ways of passing parameters to the function ? Which to use when ?

Q2- Write a c program input marks of five subject , find out total , percentage and percentage.