

Assignment For Diploma in electrical Engineering 6th 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:

➤ Session-2019

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
DDM- 61	ENVIRONMENTAL EDUCATION & DISASTER MANAGEMENT
DEE - 61	ELECT. DESIGN DRAWING & ESTIMATING II
DEE - 62	INSTALATION,MAINTENANCE AND REPAIR OF ELECTRICAL MACHINES
DEE - 63	UTILISATION OF ELECTRICAL ENERGY

J S UNIVERSITY

Cover page of Assignment

ID NUMBER

NAME

COURSE Diploma Engineering ...(New Batch)

STREAM ELECTRICAL.....

SEM 6th

SUBJECT CODE

SUBJECT NAME

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

DIPLOMA 6th SEMESTER
ELECTRICAL ENGINEERING
ENVIRONMENTAL EDUCATION & DISASTER MANAGEMENT

Assignment

SEC A

- Q 1 Explain the short information of ecology & Ecosystem ?**
- Q 2 What is effect on ecology & ecosystem , different development ?**
- Q 3 Explain the global warning concerns ?**
- Q 4 Explain the different source of pollution ?**
- Q 5 Explain the factors effecting water pollution ?**

Sec B

- Q 1 Explain the different source of air pollution ?**
- Q 2 What is Electro static Precipitations ?**

DIPLOMA 6th SEMESTER

ELECTRICAL DESIGN AND DRAWING & ESTIMATING- II

Assignment

SEC A

Q 1 Explain the short information of Cleat, batten, casing capping and conduit wiring?

Q 2 Explain the comparison of different wiring systems?

Q3 Explain the wiring installation before commissioning, standard practice as per IS and IE rules

Q 4 Draw schem diagram of Planning of circuits, sub- circuits and position of different accessories, electrical layout,?

Q 5 Draw preparing estimates including cost as per schedule rate pattern and actual market rate (for house of two room set along with layout sketch)?

Sec B

Q 1 Draw schem diagram and preparation of list of materials, estimating and costing exercises on workshop with singe-phase, 3-phase motor load and the light load (3-phase supply system)?

Q 2 calculate estimating and costing of Transmission and distribution lines (overhead and underground) planning?

DIPLOMA 6th SEMESTER
ELECTRICAL ENGINEERING
INSTALLATION, MAINTENANCE AND REPAIR OF ELECTRICAL MACHINES

Assignment

SEC A

Q 1 Explain the Scope and Organisation of Electrical Maintenance Department ?

Q 2 Explain the General guidelines for loading and unloading of heavy electrical machines. ?

**Q 3 Explain the List of precautions to be taken while executing such jobs.
Handling & transport of electrical machine ?**

Q 4 Explain the testing and commissioning of different types of electrical equipment ?

Q 5 Explain the factors of Preventive Maintenance of Electrical Equipment and other installations: ?

Sec B

Q 1 Explain the classification of faults under (i) electrical, (ii) magnetic system ?

Q 2 Explain the Causes for failure of electrical equipments ?

DIPLOMA 6th SEMESTER
ELECTRICAL ENGINEERING
UTILISATION OF ELECTRICAL ENERGY

Assignment

SEC A

Q 1 What is . Illumination ?

Q 2 What is solid angle & luminous intensity ?

Q 3 Explain the M H S C P & M S C P ?

Q 4 Explain the beam factor ?

Q 5 Explain the depreciation factor ?

Sec B

Q 1 Explain the space height ratio ?

Q 2 What is brightness & maintenance factor ?