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SUBJECT CODE NO: - GOE-8867
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc (GOE) (NEP) SEM I
Examination November / December 2024
Electronics (Electrical Equipment Maintenance-I)

[Time: 1:00 Hours]

[Max. Marks:30]

Please check whether you have got the right question paper.

N. B

- 1) All questions are compulsory.
- 2) Draw neat circuit diagram whenever necessary.

Q.1 Attempt following multiple choice questions.

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- 1) What kind of maintenance is required for circuit breakers in a home?
 - a) Regular cleaning and lubrication
 - b) Visual inspection periodically looking for signs of damage or overheating
 - c) Frequent testing and resetting
 - d) No. specific maintenance is needed
- 2) The heating element in an electric heater is made of _____

a) Aluminium	b) Platinum
c) Tungsten	d) Ni chrome
- 3) Which of the following tools is used to measure the flow of electrical Current?

a) Multimeter	b) Wire stripper
c) Pliers	d) Screwdriver
- 4) The choke of a tube light works on the principle of

a) Bi-metallic	b) Capacitance
c) Inductance	d) Ionization
- 5) The inner tube of a H.P.M.Y. Lamp is filled with _____

a) Halogen gas	b) Argon gas,
c) Helium gas	d) Nitrogen gas



Q.2 Write short note on any four.

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- a) Principle of regulator.
- b) Working principle of Electric doorbell.
- c) Working principle of Tea-coffee marker.
- d) Working of electric iron.
- e) Principle of tube light.
- f) Water Heater principle.