

# CBSE | DEPARTMENT OF SKILL EDUCATION

## ELECTRICAL TECHNOLOGY (SUBJECT CODE 819)

### CLASS XII (SESSION 2021-2022) MARKING SCHEME FOR TERM -1

Max. Time Allowed: 90 Minutes (1½ Hrs.)

Max. Marks: 30

#### General Instructions:

1. Please read the instructions carefully
2. This Question Paper is divided into 03 sections, viz., Section A, Section B and Section C.
3. Section A is of 05 marks and has 06 questions on Employability Skills.
4. Section B is of 20 marks and has 25 questions on Subject Specific Skills.
5. Section C is of 05 marks and has 07 competency-based questions.
6. Do as per the instructions given in the respective sections.
7. Marks allotted are mentioned against each section/question.
8. All questions must be attempted in the correct order

#### SECTION A

Answer any 5 questions out of the given 6 questions on Employability Skills

(1 x 5 = 5 marks)

1.	Ans- (D) Superficial hearing.	1
2.	Ans-( A) Chronological resume	1
3.	Ans- (B) Antisocial	1
4.	Ans- (D) Ambiversion	1
5.	Ans- (A) Ctrl key+Shift key+down button key	1
6.	Ans- (B) MIN Function	1

#### SECTION B

Answer any 20 questions out of the given 25 questions

(1 x 20 = 20 marks)

7.	Ans- (B) Relative motion between the coil and magnet	1
8.	Ans- (A) Faraday's laws of induction	1
9.	Ans- (D) Both A and C.	1
10.	Ans- (A) Direct Current.	1
11.	Ans- (C) Time taken to complete one cycle	1
12.	Ans- (A) Impedance is minimum	1

13.	Ans- (B) Electromagnetic Induction.	1
14.	Ans- (A) Root mean square.	1
15.	Ans- (B) Step down transformer	1
16.	Ans- (C) Oil Forced Air Forced (OFAF)	1
17.	Ans- (B) In secondary coil	1
18.	Ans- (C) Auto transformer.	1
19.	Ans- (C) Electro Motive Force	1
20.	Ans- (A) Electrical to Mechanical	1
21.	Ans- (D)	1
22.	Ans- (C) To control the starting current up to safe value.	1
23.	Ans- (C) Induction Motor	1
24.	Ans- (B) Stator is stationary while the rotor is moving.	1
25.	Ans- (C) Directly proportional.	1
26.	Ans- (B) Couple forces.	1
27.	Ans- (A) Mechanical to Electrical	1
28.	Ans- (D) Shunt Motor	1
29.	Ans- (D) Both A and B.	1
30.	Ans- (D) Sine wave	1
31.	Ans- (D) Both A and B.	1

**SECTION C**  
**(COMPETENCY BASED QUESTIONS)**

**Answer any 5 questions out of the given 7 questions**

**(1 x 5 = 5 marks)**

32.	Ans- (B) Step Down transformer	1
33.	Ans- (A) Faraday's law	1
34.	Ans- (C) 1 Volt	1
35.	Ans- (A) 5 ohm	1
36.	Ans- (C) Zero	1
37.	Ans- (A) It will convert to step up transformer	1
38.	Ans- (D) Primary coil	1