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MAHARASHTRA STATE BOARD OF SKILL DEVELOPMENT EXAMINATION, MUMBAI

Examination—July, 2020

CERTIFICATE COURSE IN WIREMAN (ONLY FOR DEAF-DUMB)

[१३]—3 iEE

(BETHÉ MBE—100)

TEQ EIE+ (EIE+ 02)

MBE

1. (+) EIE+ VEE EIE :—

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 (+) EIE EIE (E) EIE EIE (E) EIE EIE.
 (4) EIE EIE EIE EIE EIE EIE EIE EIE EIE EIE EIE.
 (+) EIE EIE (E) EIE EIE (E) EIE EIE EIE EIE.
 (5) EIE EIE EIE EIE EIE EIE EIE EIE EIE.
 (+) EIE EIE (E) EIE EIE (E) EIE EIE.

(E) VEE EIE EIE :—

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(E) EIE EIE EIE EIE :—

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- (1) EIE EIE EIE EIE EIE EIE EIE EIE EIE EIE.
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(b) EIE EIE EIE EIE :—

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- (1) NC (BIE EIE) (2) DOL (EIE EIE) (3) BIE EIE EIE
 (4) EIE EIE (5) EIE EIE.

[EIE] EIE EIE

2. $J_{E \neq F}^E |E|_{E \neq F} = k_{E \neq F}^E (E \neq F) : -$ 16
- (+) $E \neq F + E \neq F \rightarrow E \neq F$
- (E) $E \neq F \rightarrow E \neq F$
- (E) $E \neq F \rightarrow E \neq F$
- (b) $S \neq F \rightarrow E \neq F$
3. $J_{E \neq F}^E |E|_{E \neq F} = k_{E \neq F}^E (E \neq F) : -$ 16
- (+) $E \neq F \rightarrow E \neq F$
- (E) $E \neq F \rightarrow E \neq F$
- (E) $E \neq F \rightarrow E \neq F$
- (b) $E \neq F \rightarrow E \neq F$
4. $J_{E \neq F}^E |E|_{E \neq F} = k_{E \neq F}^E (E \neq F) : -$ 16
- (+) $E \neq F \rightarrow E \neq F$
- (E) $E \neq F \rightarrow E \neq F$
- (E) $E \neq F \rightarrow E \neq F$
5. $I_{E \neq F}^E = k_{E \neq F}^E (E \neq F) : -$ 16
- (+) $E \neq F \rightarrow E \neq F$
- (E) $E \neq F \rightarrow E \neq F$
- (b) $E \neq F \rightarrow E \neq F$
6. $I_{E \neq F}^E = k_{E \neq F}^E (E \neq F) : -$ 16
- (+) $E \neq F \rightarrow E \neq F$
- (E) $E \neq F \rightarrow E \neq F$
- (b) $E \neq F \rightarrow E \neq F$

(ENGLISH)

[TIME ALLOWED—3 HOURS]

(MARKS—100)

WORK THEORY (THEORY-II)**Marks**

1. (a) Fill in the blanks :— 5
- (i) Slit phase motor is used Switch.
 (a) Single Pole Switch (b) Two way Switch
 (c) Centrifugal Switch.
- (ii) Resistance is measure
 (a) Ohm (b) Volt (c) Ammeter.
- (iii) Fuse is connected to
 (a) Phase (b) Neutral (c) Earthing.
- (iv) The bit of a soldering iron is made of
 (a) Copper (b) Brass (c) Stainless Steel.
- (v) Electric iron metal use of making a filament.
 (a) Tungsten (b) Nicrome (c) Copper.
- (b) Match the following :— 5
- | ‘A’ Group | ‘B’ Group |
|-----------------------|-----------------------|
| (i) Commutator | (a) To collect supply |
| (ii) Malet | (b) To twist the wire |
| (iii) Screw Driver | (c) To test live wire |
| (iv) Haksaw | (d) To catch Handle |
| (v) Combination Plier | (e) Convert AC to DC. |
- (c) State the *true* or *false* :— 5
- (i) Three phase supply is used in domestic installation.
 (ii) Ammeter is connected in parallel.
 (iii) The resistance is high in good earthing.
 (iv) Electron are positively charged particles.
 (v) Unit of electric current is watt.
- (d) Write the long form :— 5
- (i) NC (ii) DOL (iii) AC supply
 (iv) PVC (v) GI.

[Turn over

2. Answer the following (any *two*) :— 16
- (a) Explain with the figure about Mallet.
 - (b) Diagram of Capacitor Start Motor.
 - (c) Explain the Armad Cable.
 - (d) What is characteristics of Magnet ?
3. Answer the following (any *two*) :— 16
- (a) Types of Plier and explain.
 - (b) Explain supply polarity test in brief.
 - (c) Diagram of florescent Tube.
 - (d) Explain of testing of earthing.
4. Answer the following (any *two*) :— 16
- (a) Which is the following characteristic of Swrial Cage Indication Motor ?
 - (b) How motor start the starter in three phase motor ?
 - (c) Explain the plate earthing.
5. Answer the following (any *two*) :— 16
- (a) Explain the Ohms Law.
 - (b) Explain the Faradays Law of Induction Motor.
 - (c) Explain and working the over load coil.
 - (d) Electric iron does not work, write the causes.
6. Answer the following (any *two*) :— 16
- (a) Types of Single phase motor and explain.
 - (b) Explain in detail Three Phase Winding.
 - (c) Draw a diagram of Mercury Vapour lamp.
 - (d) Explain in details about sheded pol motors.
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