

(ENGLISH)

[TIME ALLOWED — 3 HOURS]

(MARKS — 100)

FREE HAND DRAWING (THEORY-I)

- | | Marks |
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| 1. Draw following figure (any <i>four</i>) :— | 20 |
| <ul style="list-style-type: none"> (a) Draw a 45 mm line and bisect it. (b) Draw a 45° Angle and bisect it. (c) Draw a hexagon of side 30 mm. (d) Draw a 70 mm line and divide into same 12 part (e) Draw a triangle of 30, 35, 40 mm side respectively. | |
| 2. Draw following figure (any <i>four</i>) :— | 20 |
| <ul style="list-style-type: none"> (a) Hack saw (b) Cross pin hammer (c) chisel (d) Cutting nose plier (e) Try square. | |
| 3. Draw following symbols (any <i>ten</i>) :— | 20 |
| <ul style="list-style-type: none"> (a) Diode (b) S.P. Switch (c) Motor (d) Capacitor (e) Siren (f) Choke (g) Ammeter (h) Buzzer (i) Fan (j) Wall socket (k) Bell (l) Lamp. | |
| 4. Answer the following (any <i>two</i>) :— | 20 |
| <ul style="list-style-type: none"> (a) Draw 2 way and 4 way junction use in conduct wiring. (b) Draw figure of Angle and pendant holder. (c) Draw figure of HRC. fuse with name. | |
| 5. Draw diagram of the following (any <i>two</i>) :— | 20 |
| <ul style="list-style-type: none"> (a) Draw Imagine module of PVC. casing caping wiring. (b) Draw Single phase meter diagram (c) Draw Florescent tube diagram with fig. | |
