

# 13665

16117

**3 Hours / 100 Marks**

Seat No.

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- Instructions* –
- (1) All Questions are *Compulsory*.
  - (2) Answer each next main Question on a new page.
  - (3) Illustrate your answers with neat sketches wherever necessary.
  - (4) Figures to the right indicate full marks.
  - (5) Assume suitable data, if necessary.
  - (6) Use of Non-programmable Electronic Pocket Calculator is permissible.
  - (7) Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall.

**Marks**

**1. Attempt any TEN of the following:**

**20**

- a) Define an 'Alloy'.
- b) Rug
- c) Veneer
- d) Bidet
- e) Enlist only, four natural stones with its use.
- f) Primer
- g) Vitrified tile
- h) French polish
- i) Nylon
- j) Edison lamp holder

P.T.O.

- k) Foam
- l) Nahani Trap
- m) Cork
- n) Lime

**2. Attempt any FOUR of the following: 16**

- a) Write any four advantages of plywood over teakwood.
- b) Enlist sound insulating materials. Explain any one in detail.
- c) Give four characteristics of good varnish.
- d) Sketch – any two
  - (i) MCB
  - (ii) Socket
  - (iii) CFL
  - (iv) Rose
- e) State any four defects due to improper seasoning of wood, with sketches.
- f) Write any four qualities of Mild steel. Sketch two market forms of M.S. Sections.

**3. Attempt any TWO of the following: 16**

- a) Enlist the treatment given on the glass. Discuss any three of them in detail.
- b) Explain any eight qualities of good brick.
- c) Discuss, stepwise the procedure of repainting plastered surface in detail.

**4. Differentiate between following on basis of their qualities giving four points each. (Any four) 16**

- a) Thermoplastic and thermosetting plastics.
- b) MCB and ELCB.
- c) Glass Rock and Glass Wool.
- d) Aluminium and stainless steel.

- e) EWC and Anglo Indian w.c.
- f) PVC floor and rubber floor.

**5. Attempt any FOUR of the following:**

**16**

- a) Write step-wise procedure of melamine polishing.
- b) Sketch the following. (Any two)
  - (i) Cafe curtain
  - (ii) Roman blinds
  - (iii) Australian Blinds
  - (iv) Drapes with swag and tail valance
- c) Explain geological classification of stone in chart form. Write in detail about any one of them with example.
- d) Discuss the waterproofing treatment for toilet sunk using conventional as well as modern techniques combinely.
- e) State the function of traps in drainage system. Sketch 'P' and 'S' TRAP with Indication of water-ceal level.
- f) Write eight qualities of plastic.

**6. Attempt any FOUR of the following:**

**16**

- a) Define mortar. Discuss any three.
  - b) Write any four qualities of copper, and four uses in interior.
  - c) Enlist wood products with their uses. Explain one product in detail.
  - d) Enlist four upholstery materials. Write briefly on any one of them.
  - e) Enlist the types of fans available. Give different sizes of ceiling fans.
  - f) Write briefly about polycarbonate and acylic with their uses in interior.
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