| 122 (10) | | |
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| (KEVI | DIPLOMA EXAMINATION IN ENGINEERING/TECHNOLO MANAGEMENT/COMMERCIAL PRACTICE — APRIL, 2 | OGY/ |
| | BUILDING SERVICE | |
| | | [Time: 3 hours |
| | (Maximum marks: 100) | |
| | PART — A | |
| | (Maximum marks: 10) | |
| | | Marks |
| I | Answer all questions in one or two sentences. Each question carries 2 marks. | |
| | 1. Draw the symbols of | |
| | S.P.D.T. switches | |
| | Ceiling fan | |
| | 2. State function of fuse in a circuit. | |
| | 3. Differentiate between | |
| | Potable water | |
| | Polluted water | |
| | Wholesome water | |
| | 4. Define sullage. | |
| | 5. Define vertical transportation, give examples. | $(5\times2=10)$ |
| | PART — B | |
| | (Maximum marks: 30) | |
| II | Answer any five of the following questions. Each question carries 6 marks. | |
| | 1. Explain the working of ELCB with diagram. | |
| | 2. State the advantages of XLPE cable than all other cables. | |
| | 3. Explain check valve with neat sketch. | |
| | 4. Define the terms: waste pipe, vent pipe and soil pipe. | |

5. Name different mechanical ventilating systems.

7. Write on echo and sound foci.

6. Point out the factors to be considered in the acoustical design of concert halls.

 $(5 \times 6 = 30)$ [P.T.O.

construction technique to ensure adequate protection of structure against fire.

(b) Write short notes on fire resistant construction of walls and columns.

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