

TED (10) – 3036

(REVISION – 2010)

Reg. No. ....

Signature .....

DIPLOMA EXAMINATION IN ENGINEERING/TECHNOLOGY/  
MANAGEMENT/COMMERCIAL PRACTICE — APRIL, 2018

**HISTORY OF ARCHITECTURE - II**

[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. Write any two features of the building blocks of pyramid.
2. Sketch the reinforcement detail of a filler slab.
3. What is Narthex in cathedrals ?
4. What is a caryatid porch ?
5. What is a Mastaba ?

(5×2 = 10)

PART — B

(Maximum marks : 30)

II Answer any *five* of the following questions. Each question carries 6 marks.

1. Explain the features of stepped pyramid.
2. Describe the design features of Basilica of Roman period.
3. What is Le Modular ? Describe the proportional principles laid down by Le Corbusier.
4. With the help of sketches explain any three optical correction methods by Greeks.
5. Explain any three cost effective methods employed by Lurie Baker.
6. Briefly explain the construction techniques invented by Romans.
7. What are the different types of tracery work used in Gothic style ?

(5×6 = 30)

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[P.T.O.]

**PART — C**  
(Maximum marks : 60)

(Answer *one* full question from each unit. Each full question carries 15 marks.)

UNIT — I

- |     |  |   |
|-----|--|---|
| III | (a) Write any seven features of Greek architecture.            | 7 |
|     | (b) Explain the architectural features of Erechthon at Athens. | 8 |

Or

- |    |   |   |
|----|---|---|
| IV | (a) How geology, geography and climate did influence Egyptian architecture. | 7 |
|    | (b) Describe the features of Khons temple at Karnak.                        | 8 |

UNIT — II

- |   |  |    |
|---|--|----|
| V | (a) Draw the schematic plan of Colosseum, Rome showing the four stages or stories. | 10 |
|   | (b) Explain the features of Corinthian capital.                                    | 5  |

Or

- |    |  |    |
|----|--|----|
| VI | (a) Describe the planning principles of Roman temples.   | 5  |
|    | (b) Write short notes on : (i) Amphitheater (ii) Thermae | 10 |

UNIT — III

- |     |  |    |
|-----|--|----|
| VII | (a) Explain the architectural features of Westminster Abbey with the help of a plan. | 10 |
|     | (b) Draw the view of the North facade.   | 5  |

Or

- |      |  |    |
|------|--|----|
| VIII | Describe the vaulting system in English Gothic architecture. | 15 |
|------|--|----|

UNIT — IV

- |    |   |   |
|----|---|---|
| IX | (a) What is the design philosophy of Charles Correa ?           | 7 |
|    | (b) Describe the important features of Beach Resort at Kovalam. | 8 |

Or

- |   |   |   |
|---|---|---|
| X | (a) Sketch any building designed by Mies Vanderohé.                     | 6 |
|   | (b) Describe the role of steel and glass in Mies Vanderohé's buildings. | 9 |