

FIFTH SEMESTER DIPLOMA EXAMINATION IN ARCHITECTURE  
October / 2012

**HISTORY OF ARCHITECTURE - II**

Maximum Marks : 100

Time : 3 Hrs

**PART-A**

(Maximum marks: 10)

- | I. | Answer the following questions in one or two sentences            | Marks     |
|----|---|-----------|
| 1  | What is an obelisk  |           |
| 2  | Sketch the view of grand gallery.                                 |           |
| 3  | What is a caryatid porch.   |           |
| 4  | What is a fan vault.  |           |
| 5  | Sketch the plan showing the reinforcement detail of a filler slab | [5x2 =10] |

**PART - B**

(maximum marks : 30)

- | II | Answer any five full questions from the following   | Marks    |
|----|---|----------|
| 1  | Write a short note on the mortuary temples of Egypt.  |          |
| 2  | Draw a section through mastaba and mark its parts.  |          |
| 3  | Describe the design features of basilica of Roman period.   |          |
| 4  | Draw the plan of the pantheon – Rome Showing important features.                                  |          |
| 5  | Explain the techniques used in Gothic period to transmit the accumulated pressures to the ground. |          |
| 6  | Write any three characteristic design features of Frank Lyod write.                               |          |
| 7  | What are the five design principles of Le Corbusier? Give an example of building designed by him  | [5x6=30] |

**PART - C**

(maximum marks : 60)

(Answer one full question from each unit)

**UNIT I**

- |     |   |     |
|-----|---|-----|
| III | a Describe briefly the Temple of Khons with the help of sketches  | [8] |
|     | b Explain the construction techniques of Egyptian Pyramid with reference to the pyramid of Cheops at Giza | [7] |

**OR**

- |    |   |     |
|----|---|-----|
| IV | a Draw the plan of temple of Erectheon at Athens and write any four peculiarities of the temple | [8] |
|    | b Draw Ionic column and explain its features  | [7] |

**UNIT II**

- |   |   |     |
|---|---|-----|
| V | a Describe the materials used by Romans for construction. How did they use concrete for construction of walls | [8] |
|   | b How did Tuscan and composite orders differ from the orders developed during Greek period                    | [7] |

**OR**

- |    |  |     |
|----|--|-----|
| VI | a Explain the planning principles of Thermae. What are the functions of different areas of Thermae | [8] |
|    | b (1) Define forum   | [3] |
|    | (2) Explain the rectangular and circular temples of Rome   | [4] |

**UNIT III**

- |     |  |     |
|-----|--|-----|
| VII | a Give a brief description of different phases of Gothic Architecture in Europe. | [6] |
|     | b Explain the Architectural features of West Minister Abbey.                     | [9] |

**OR**

- |      |   |     |
|------|---|-----|
| VIII | a Describe briefly the developments in the field of Architecture in Italy during Renaissance period | [6] |
|      | b Explain the architectural features of St.Peters. Rome   | [9] |

**UNIT IV**

- |    |   |      |
|----|---|------|
| IX | Explain the planning principles of Laurie Baker with reference to the buildings at centre for development studies, Trivandrum | [15] |
|----|---|------|

**OR**

- |   |  |      |
|---|--|------|
| X | Explain the design principles of Mies Vander Rohe. with sketches | [15] |
|---|--|------|