

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

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|----|---|-----|
| 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

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|----|--|-----|
| 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

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|------|---|-----|
| 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] |
|---|--|------|