



## Avinashilingam Institute for Home Science and Higher Education for Women

(Deemed to be University under Category 'A' by MHRD, Estd. u/s 3 of UGC Act 1956)

Re-accredited with 'A+' Grade by NAAC. Recognised by UGC Under Section 12B

Coimbatore - 641 043, Tamil Nadu, India

### Bachelor's Degree Examination – June 2021

#### VI Semester

**Class : III UG**

**Major : Interior Design and Resource Management**

**Time : 3 Hours**

**Max. Marks : 100**

#### 18BIDC26 Basics in Architecture

##### Part A

10x1= 10

##### Circle the Correct Answer

- In Neolithic period the common materials used for constructions are CO1 K1
  - Pit
  - Thatched Leaves
  - concrete roofing
  - Bricks and Stones
- A \_\_\_\_\_ is a structure or monument, usually with a quadrilateral base CO1 K1
  - Temple
  - Pyramid
  - Palaces
  - Pylon
- Which among the following is a weight bearing member? CO2 K2
  - walls
  - Squanches
  - Pendentive
  - Corbel
- A truss is an assembly of \_\_\_\_\_ that creates a rigid structure CO2 K1
  - Lintels
  - Beams
  - Arches
  - Pillars
- The Baths of Trajan were a massive bathing complex built in ancient CO3 K2
  - Rome
  - Greek
  - Egypt
  - Gothic
- Flying buttresses is one of the key elements in \_\_\_\_\_ architecture CO3 K2
  - Greek
  - Egypt
  - Gothic
  - Indian
- The motif centered on circular or horseshoe arch is known as CO4 K2
  - Kudu
  - Kutas
  - Salas
  - Bodigaye
- Rock-cut architecture is the practice of creating a structure by \_\_\_\_\_ it out of solid natural rock. CO4 K1
  - Engraving
  - Carving
  - Designing
  - Placement of blocks
- The traditional Indian architectural science for designing any space is known as CO5 K2
  - Vasthu shastra
  - Fengshui
  - Modern
  - Contemporary
- Feng Shui practice aims to promote \_\_\_\_\_ through design. CO5 K1
  - Harmony
  - Emphasis
  - Balance
  - Proportion

**Part B**  
**Answer the following**  
**Answer should not exceed 400 words or two pages**

**5 X 6=30**

- |  |        |
|--|--------|
| 11.a. Bring out the concept of domestic architecture.                        | CO1 K2 |
| (or)   |        |
| 11.b. Differentiate the term regional and secular in architecture.           | CO1 K4 |
| 12.a. Illustrate Doric Order.  | CO3 K6 |
| (or)   |        |
| 12.b. What are the steps involved in the construction of post and lintel.    | CO3 K1 |
| 13.a. Explain a masterpiece in Gothic architecture.                          | CO4 K4 |
| (or)   |        |
| 13.b. Outline the main features of architecture.                             | CO2 K4 |
| 14.a. How does temples of North Indian Life from those of the South?         | CO3 K1 |
| (or)   |        |
| 14.b. Explain in brief the unique master piece the five rathas of pallava's. | CO4 K4 |
| 15.a. Discuss the features of modern architecture.                           | CO5 K5 |
| (or)   |        |
| 15.b. Explain in brief the concept of prefabrication in construction.        | CO5 K4 |

**Part C**  
**Answer the following**  
**Answer should not exceed 800 words or four pages**

**5 x 12=60**

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|--|--------|
| 16.a. Explain the uniqueness of Egyptian architecture. With Special reference to Pyramids  | CO1 K2 |
| (or)   |        |
| 16.b. Describe elementary form of contrition with suitable examples.                       | CO1 K2 |
| 17. a Draw and explain the various types of domes and vaults used in architecture.         | CO3 K4 |
| (or)   |        |
| 17.b. Illustrate and explain Ionic order.  | CO3 K6 |
| 18.a. Discuss the characteristic features of Roman architecture.                           | CO2 K2 |
| (or)   |        |
| 18.b. Elaborate in detail specific masterpieces of Greek architecture.                     | CO4 K6 |
| 19.a. Tajmahal is considered one of the wonder of the world- justify                       | CO4 K2 |
| (or)   |        |
| 19.b. Explain the construction features of a stupa with Illustration                       | CO3 K2 |
| 20..a. Enumerate the influence of Vasthu Shastra in the adaptation of modern construction. | CO5 K2 |
| (or)   |        |
| 20.b. Explain the materials, methods and techniques of modern construction.                | CO5 K2 |

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