

KATHMANDU UNIVERSITY  
End Semester Examination  
September 2024

Marks Scored:

Level : B.Arch

Year : I

Course : ARCH 112

Semester : II

Exam Roll No. :

Time: 30 mins.

F. M. : 10

Registration No.:

Date 09 SEP 2024

SECTION "A"

[15Q. × 0.5 = 7.5 marks]

*Choose and encircle the most appropriate answer. Symbols have their usual meanings.*

- Which of the following was the most prominent feature of the cities in the Indus valley Civilization?  
a. Pyramid structure  
b. Zigzagging streets  
c. Grid layout  
d. Random street
- The Vedic period is primarily divided into which two phrases?  
a. Early Vedic and Later Vedic  
b. Pre-vedic and Post-Vedic  
c. Bronze and Iron Age  
d. Harappan Vedic
- Who was the founder of the Mauryan Empire?  
a. Bindusara  
b. Ashoka  
c. Bimbisara  
d. Chandragupta Maurya
- What was the primary religion promoted by the Shunga rulers?  
a. Buddhism  
b. Jainism  
c. Hinduism  
d. Zoroastrianism
- Which of the following is a famous rock-cut temple built during the Early Chalukyan period?  
a. Kailash temple  
b. Virupaksha temple  
c. Lingaraja temple  
d. Durga temple
- What is the term for the square or rectangular mandapa, often with intricately carved pillars, that serves as the entrance hall in Gupta period temple architecture?  
a. Shikhara  
b. Vimana  
c. Ardhamandapa  
d. Mandir
- Which type of temple architecture is primarily associated with the Pallavas?  
a. Nagara style  
b. Vesara style  
c. Kalinga style  
d. Dravidian style
- Which feature is most characteristic of Vijayanagar architecture?  
a. Rock -cut temples  
b. Dravidian style Gopurams  
c. Massive pillared halls  
d. Stupas
- Which Islamic architectural feature serves as a niche in a mosque that indicates the direction of Mecca?  
a. Minaret  
b. Mihrab  
c. Qibla  
d. Iwan

10. Which of the following is a significant architectural feature of the Mughal period, exemplified by structures like the Taj Mahal and Humayun's tomb?  
a. Trabeated construction                      b. Corbelled arches  
c. Charbagh    d. Buddhist stupas
11. Pushyamitra Shunga is known for performing which ancient Vedic ritual?  
a. Ashvamedha Yajna                              b. Rajasuya Yajna  
c. Vajapeja Yajna                                      d. Agnihotra Yajna
12. Which of the following is a major architectural feature of traditional Southeast Asian temples?  
a. Gothic arches              b. Stupas                      c. Minarets                      d. Iwan
13. According to ancient Vastu principle, which direction is considered most auspicious for the entrance of a house?  
a. East                      b. West                      c. South                      d. North
14. The Vastu Purusha Mandala is best described as:  
a. A type of decorative design  
b. An architectural diagram that guides the layout of spaces  
c. A blueprint for modern construction  
d. A ritual for blessing a new building
15. Which architectural feature is a hallmark of Late Mughal tombs, including the tomb of Aurangzeb?  
a. Elevated platforms with symmetrical gardens  
b. Large domes with intricate tile work  
c. Massive minarets and extensive courtyards  
d. Simple, unadorned facades

SECTION "B"

[5Q. × 0.5 = 2.5 marks]

**Fill in the blanks with appropriate answers.**

16. The \_\_\_\_\_ language was predominantly used in the composition of Vedic texts.
17. \_\_\_\_\_ is a massive Buddhist temple complex located in central Java, Indonesia.
18. \_\_\_\_\_ is the most famous example of ancient Buddhist architecture in India, known for its massive stupa.
19. The Buland Darwaza, a grand gateway built during the Mughal period, is located at \_\_\_\_\_
20. In Vastu Shastra, \_\_\_\_\_ is considered the best for building a temple or prayer room.

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Students are encouraged to support their answers with necessary figures.

SECTION "C"  
[10Q. × 2 = 20 marks]

Short question (Attempt *ANY TEN* questions.)

1. Sanchi Stupa
2. Taj Mahal
3. Durga Temple at Aihole
4. Difference between Vihar and Chaitya
5. Evolution of Gopuram
6. Wholly rock cut Architecture
7. Elements of Hindu temple
8. Development of Badami temples
9. Stupa at Borobudur
10. The Qutub Complex
11. Architectural development of Vedic Villages

SECTION "D"  
[4Q. × 5 = 20 marks]

Attempt *ALL* questions.

12. Discuss the urban planning and architectural achievements of the Indus valley Civilization.
13. Explain the role of Ashoka the Great in the spread of Buddhism and the administration of the Mauryan Empire.

**OR**

Examine the architectural features of Pandya temples and their contributions to South Indian architecture.

14. Discuss the key features and evolution of Islamic architecture from the early period to the mughal period?

**P.T.O.**

15. What are the principles of Vaastu Shastra? Do you think that the plan below (Fig 1) is Vaastushastra compliant? If not, what rearrangement of the rooms should be done to make it Vastu Shastra compliant?

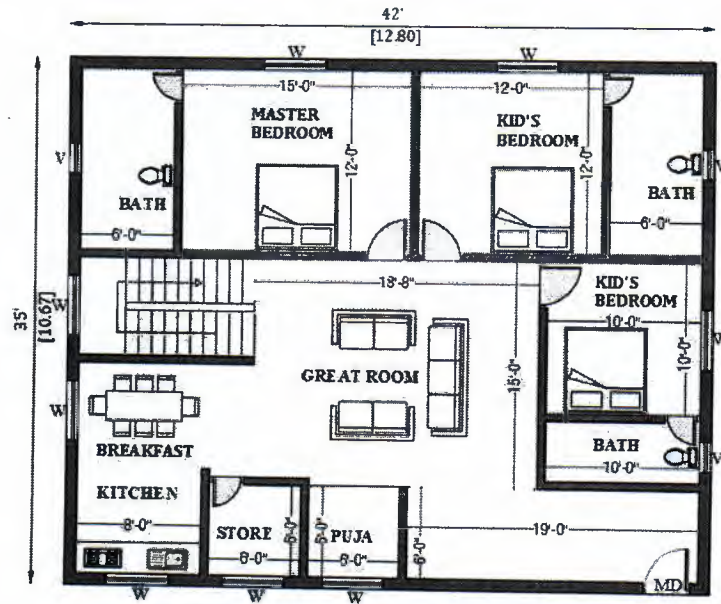


Fig 1: GROUND FLOOR PLAN