

KATHMANDU UNIVERSITY  
End Semester Examination  
January/February 2024

Marks Scored:

Level : B.Arch.  
Year : II

05 FEB 2024

Course : ARCH 216  
Semester : II

Exam Roll No. :

Time: 30 mins.

F. M. : 10

Registration No.:

Date :

SECTION "A"

Choose and encircle the most appropriate answer.

[15Q. × 0.5 = 7.5 marks]

- The remarkable structure crystal palace which was constructed during industrial revolution was made from:
  - Cast Iron and plate glass
  - Steel and plate glass
  - Copper and plate glass
  - Bronze and plate glass
- The east façade of Sagrada Familia represent:
  - Death of Jesus Christ
  - Life of Jesus Christ
  - Birth of Jesus Christ
  - Marriage of Jesus Christ
- The Floor plan of Glasgow School of Art is in:
  - "I" Shape
  - "E" Shape
  - "H" Shape
  - "C" Shape
- The key characteristic of Expressionist architecture, as exemplified by the Einstein Tower is:
  - Balance and Symmetry
  - Dynamic and distorted form
  - Use of Traditional material
  - Minimalist design
- The Café De Unie in Rotterdam, associated with the De Stijl movement, was designed by:
  - Theo Van Doesburg
  - Gerrit Rietveld
  - Jacobus Oud
  - Bart Van Der Leck
- The primary objective of Bauhaus design philosophy is:
  - Ornate decoration
  - Eclecticism
  - Simplicity and Functionality
  - Rococo detailing
- The key architect associated with the Chicago School and known for his contributions to the development of skyscrapers is:
  - Frank Lloyd Wright
  - Louis Henry Sullivan
  - Mies van der Rohe
  - Daniel Burnham
- The iconic building, often considered the first modern skyscraper attributed to the Chicago School is:
  - Wills Tower
  - John Hancock Center
  - Monadnock Building
  - Home Insurance Building
- Which famous museum, designed by Frank Gehry, is often cited as an iconic example of Deconstructivist Architecture?
  - The Louvre
  - The British Museum
  - The Guggenheim Museum Bilbao
  - The Museum of Modern Art (MoMA)

10. Deconstructivism is characterized by:
- a. Symmetry and order
  - b. Clean lines and minimalism
  - c. Classical proportion and Harmony
  - d. Distorted forms and fragmentation
11. The Venturi House, designed by Robert Venturi, is an iconic example of postmodern architecture. What is a key principle associated with Venturi's approach?
- a. "Less is More
  - b. "Forms follows function"
  - c. "Complexity and Contradiction"
  - d. "Truth to Material"
12. Postmodern architecture frequently incorporates historical references and ornamentation as a departure from the:
- a. The International Style
  - b. Bauhaus Style
  - c. The Brutalism Style
  - d. Deconstructive Style
13. The first building of Nepal constructed in concrete structure is:
- a. Sahid Gate
  - b. Saraswoti Sadan
  - c. Ranjhana Hall
  - d. Pangre Ghar
14. The Fistail Lodge in Pokhara is designed by Architect:
- a. Carl Pursca
  - b. Tadao Ando
  - c. Robert Weise
  - d. Benjamin Polk
15. The original master masterplan of Kathmandu was developed by
- a. Robert Weise
  - b. Bed Prasad Lohani
  - c. Carl Pruscha
  - d. Gotz Hagmuller

Fill in the blanks with appropriate answer.

[5Q × 0.5 = 2.5 marks]

16. The Eiffel Tower, renowned as a landmark on Paris is designed by \_\_\_\_\_ .
17. Frank Lloyd Wright is often associated with the architectural style known as \_\_\_\_\_, which emphasizes harmony with the natural environment.
18. \_\_\_\_\_ designed by Michael Graves is an iconic example of Post modern Architecture.
19. The Brutalism architecture is characterized by the use of raw \_\_\_\_\_ surfaces.
20. Hightech architecture is also known as \_\_\_\_\_ expressionism.

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SECTION "B"

[10Q × 2 = 20 marks]

Write short notes on *ANY TEN*.

1. The Fagus factory
2. The Einstein Tower
3. Rochamp Chaple: Norte Dame du Haut
4. Villa Savoye
5. Portland Building
6. Guggenheim Museum
7. Pompidou center
8. Millennium Dome
9. Barcelona Pavilion
10. Saraswoti Sadan
11. Narayanhiti Palace

SECTION "C"

[4Q × 5 = 20 marks]

Attempt *ANY FOUR* questions.

12. Discuss the influence of the Industrial Revolution on architectural developments, illustrating the impact through an exploration of an architect and a specific building they designed during this period.
13. What is Art Nouveau style? What are the principles of this style? Explore how the principles of Art Nouveau are manifested in the architectural works of Antonio Gaudi.
14. Discuss the intricate philosophy and design principles of Deconstructivism in architecture. Provide examples of notable architects associated with Deconstructivism and discuss one of their significant works.
15. What historical event marks the inception of the Chicago School of Architecture style? Elaborate on the distinctive features of this architectural style concerning building materials and construction technology, providing an example of a prominent architect from that period along with an analysis and his work.
16. Discuss the impact of pioneering foreign architects on the evolution of the modern architecture in Nepal, with a comparative analysis of the architectural contribution made by Robert Weise and Carl Pruscha.

