

3.12.9

B. Arch Part III 5th Semester Examination, 2010

AR 501: Contemporary Architecture – I

Full Marks: 70

Time: 3 Hours

- i) Question 1 is compulsory
- ii) Attempt any 4 (four) questions from the rest.
- iii) Marks are indicated in the bracket.

Q 1. All questions are compulsory.

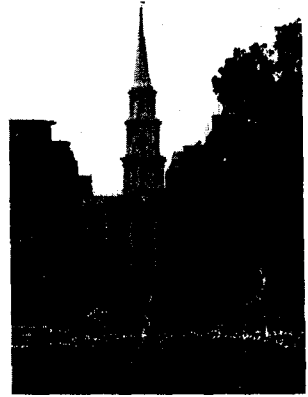
[2 X 11 = 22]

- a) Name the architectural monument in Kolkata where King George V was ceremonially received in 1911.
i) Victoria Memorial; ii) Town Hall; iii) Princep Ghat.
- b) Where is the final resting place of Job Charnock located?
i) St. Peter's Church; ii) St. John's Church; iii) St. Thomas Church.

c) Identify the building shown in the picture: →

d) Identify the building from the following text:

Named after a Governor General of India
Once upon a time
Now popularly known
As a book lovers paradise.
Raised by Corinthian columns high above the ground,
With a giant flight of stairs around,
Built between 1840-44, designed by Robinson,
Facing the Hooghly River.
Designed on the Tower of Winds of Athens
In Kolkata. remains, this symbol of Greek Architecture.



- e) Victoria Memorial is an example of:
i) Victorian Architecture; ii) Neo-classic Indo-saracenic architecture; iii) Georgian Architecture

f) Identify the building shown in the picture: →

- e) St. Pauls Cathedral, Kolkata is an example of
i) Greek revival architecture; ii) Picturesque Gothic architecture; iii) Neoclassical architecture.



f) Who coined the phrase "Form ever follows function" ?

- i) Mies Van der Rohe; ii) Walter Gropius;
- iii) Louis Sullivan.

- g) Roosevelt Building designed by Richard Morris Hunt is a building made of:
i) Brick Masonry; ii) Steel frame; iii) R. C. C. Frame.

h) An Architect once said on his favorite building he designed that the building was built with "not an untrue bolt or joint from the foundation to the flagpole". He is considered as an advocate of Gothic revival architecture of 19th century. Identify the architect, and the building mentioned.

i) The Architect is the recipient of the First Pritzker Architecture award in 1979. In 1945 he designed a residential building made of glass and steel which is described as "one of the world's most beautiful yet least functional houses". Identify the architect, and the building mentioned.

j) The author of the book *Towards a new architecture*: i) Ruskin Bond; ii) Le Corbusier; iii) Frank Lloyd Write.

k) Usonian House – a house that should "spring from the ground and into the light" was designed by:
i) Mies Van der Rohe; ii) Le Corbusier; iii) Frank Lloyd Write.

Cont. P2

Q 2. Explain the principles of 5 elements in architecture by providing a sketch of Villa Savoy designed by Le Corbusier in 1929. [3+9=12]

Q 3. Provide a sketch of Einstein Tower, Potsdam, Germany designed by Erich Mendelson in 1921, and analyze briefly its significance in evolution of form in Modern Architecture. [9+3=12]

Q 4. Discuss briefly on the concept of design of Piomio Sanatorium designed by Alvar Aalto in 1933 supported by appropriate sketches. [3+9=12]

Q 5. Draw a sketch of The Falling Water designed by F. L. Wright in 1934 and discuss the way the architect infuses the interior with the exterior of the building. [9+3=12]

Q 6. Discuss in short the significance of the design of BAUHAUS at Dessau, Germany by Walter Gropius with respect to advent of Modern Architecture, supported with appropriate sketch of the building. [9+3=12]