

**Total No. of Questions : 01**

**B. Arch. (Sem.-5)**  
**ARCHITECTURAL DESIGN – V**  
**Subject Code : AR-321**  
**M.Code : 45037**

**Time : 12 Hrs. (Continue Next Day)**

**Max. Marks : 100**

**INSTRUCTIONS TO CANDIDATES :**

1. Assume any missing data/dimension/requirements. Assume suitable scale if not mentioned.

## JUDICIAL COMPLEX AT AMRITSAR

Administration of Justice is most essential function of the State. Power exercised by the State through judiciary to enforce rights and punish wrongs. The District Courts are provided for every district or for one or more districts together taking into account the number of cases, population distribution in the district. They administer justice in India at a district level. These courts are under administrative control of the High Court of the State to which the district concerned belongs.

The history of the District court at Amritsar dates back to more than one hundred and fifty years. During the era of Maharaja Ranjit Singh, the famous Sikh Ruler of Punjab, there used to be no written laws or judicial courts and no established authority. Only the chieftains would decide cases as per their whims. The annexation of the Punjab by the British was immediately followed by the creation of a Board of Administration in 1849. By the year 1884, elaborate and well organized machinery was established for the administration of justice in the province. Since the separation of the executive from the Judiciary in the state from October 2, 1964, the administration of both civil and criminal Justice in the district has been controlled by the District and Sessions Judge, Amritsar. At present, 35 courts are functioning in the Sessions Division including District & Sessions Judge, nine Addl. District & Sessions Judges & Small Causes Court.

As an architect you are challenged to design a **judicial complex on the existing site**. The buildings must be designed to reflect the values and aspirations of people of independent India and conveying the spirit of democracy. The design of courthouses should reinforce the law's role in our lives while advancing the delivery of critical public services. .Your design strategies should improve the operations, aesthetics, sustainability and social purpose for which this complex is being designed. You should design a :

- Building that creates a strong memorable image and identity, both inside and outside.
- Building that lift the spirit through the manipulation of architectural space, natural light, well- expressed structure and inspiring outward views.
- This should include natural conditioning strategies (daylight and natural ventilation),

**Requirements :****Judicial wing :****Court Rooms**

(Distt and sessions judge, additional distt and sessions judge, senior sub-ordinate judge, chief judicial magistrate) - (120 sqmt): **35 nos**

- i. Retiring rooms with toilets (with each courtroom) – (35 sqmt)
  - ii. Judges chambers with toilet (20sqmt)
  - iii. Steno's room (12 sqmt)
  - iv. Peshi room (60 sqmt) with 5 courts each
  - v. Court offices (18 sqmt)
- Library – 150sqmt
  - Malkhana
    - i. Strong room – 10 sqmt
    - ii. One big room for Police Malkhana – 60 sqmt
    - iii. Room for excisable articles – 60 sqmt
    - iv. Office room – 10 sqmt
  - Record room – 150 sqmt
  - Record keepers room – 12 sqmt
  - Judicial lock up 2 (for male and females 50 sqmt each)
  - Public prosecutors room for 15 people
  - Conference room - 12 sqmt
  - Dining hall for judges - 100 sqmt

**Lawyer's wing**

- Bar room (300 sqmt)
- Bar Library (200 sqmt)
- Lawyers chambers 800 (12 sqmt each) only at site level
- Consultation room 30 sqmt
- Lawyers clerk rooms

**Public amenities**

- Entrance hall and enquiry office
- Waiting areas
- Canteen
- Drinking water facilities
- Public telephone service
- Bank - 200 sqmt
- Post office - 100 sqmt
- Public toilets

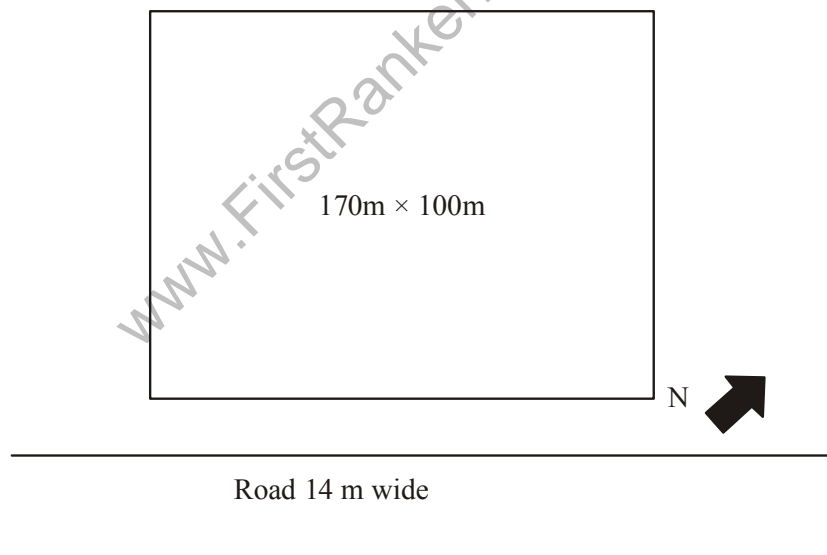
**Ancillaries**

Accommodation for: Petition writers, typists, draftsmen, stamp vendors - 400 sqmt

- Parking areas for public/lawyers and judges 1 ECS
- Litigants area - 750 sqmt

**Drawings required :**

- Sufficient number of on scale drawings (site plan, plans, elevations, sections etc.), to suitable scale, and perspective views to clear the design scheme.



(SITE PLAN NOT TO SCALE)

**FIG.1**

**NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.**