Sub Code: AR901

Paper Id: 181921 Roll No:

B.ARCH.
SEM – IX, THEORY EXAMINATION 2019-20
ARCHITECTURAL DESIGN IX

Time: =07 Hours ***Total Marks: 100***

Note:

- *Scale of drawings left to the discretion of the student.*
- *Maximum 4 cartridge sheets will be provided to finalize your work.*
- *One butter sheet for rough work to be provided and **shall not be evaluated.***
- *Assume any Missing Data.*

"COLLEGE OF DANCE AND MUSIC AT NEW DELHI"

Specialist music schools exist in many countries, whose purpose is to identify, and assist, children with exceptional potential, to benefit from world-class specialist training as part of a broad and balanced education, which will enable them, if they choose, to proceed towards self-sustaining careers in music. These schools may be formally or informally attached to a conservatory. Entry is typically between the ages of ages 8 and 18 and admission is through competitive audition. Schools may be public or independent; where schools are independent, pupils may be in receipt of governmental or private scholarships. Typically as students progress through the school the time spent on music increases and on academic subjects decrease. These schools usually teach only instrumentalists. For this particular project the requirements are hroader and also cover the performing arts: music, drama, and dance.

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Architectural programme:

(i) Admin Block

(ii) Academic Block

- 8 Lecture halls – 20 pax each
- A Common Multipurpose hall – for 200 Pax.
- A Library.
- Rehearsal rooms with AV Facility- 2

(iii) **Performing Arts Auditorium Block**- with a seating capacity of 500 Pax & ancillary facilities.

(iv) **Parking** for 150 Cars, 150 bikes and 250 cycles.

Area Statement:

- Total Plot Area- 3.79 Acres.
- Maximum Ground Coverage – 35 %
- Permissible F.A.R – 2.0
- Set Backs required:

(i) Front Set Back	-	12.0 Mtr
(ii) Side Set Back -1	-	8.0 Mtr
(iii) Side Set Back-2	-	8.0 Mtr
(iv) Rear Set Back	-	8.0 Mtr

(Note: Keep the context and nearby buildings in mind with the design of the project).

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Q.1 Prepare the Conceptual Ideas of the task looking on the context analysis/ weather conditions &the thought process including the segregation of aetivities along with the activity chart on each floor looking towards the fulfiliment of the aim. Prepare the Detailed Flow Chart along with the Area calculation including area for Services and Public Convenience Area.

10

Q.2 Prepare the Site Plan showing the built form, roof plan, hardpaved, soft paved area, open parking space, guard room etc. Vehicular Traffic and Pedestrian Traffic Movement Plan to be prepared separately showing the segregation of space as per the requirement listed above.

20

Q.3 Prepare all floor plans On Appropriate scale.

50

Q.4 Prepare at least one **Sectional Elevations** of the task given indicating the materials used in façade treatment on Scalc 1:100. Section to be cut showing the segregation of all activities.

20

Note: Understanding of Services like Fire Fighting, Plumbing should be clearly depicted in the Planning/floors and clearly show how the services segregated or comprehensive design works.

(Note: If Services shown in Basement or Service floor proposed, it is mandatory to show the same in the design)

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