

(Following Paper ID and Roll No. to be filled in your  
Answer Books)

Paper ID : 181417

Roll No. 

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**B. ARCH.**

**Theory Examination (Semester-IV) 2015-16**

**ARCHITECTURAL DRAWING-IV**

*Time : 3 Hours*

*Max. Marks : 100*

**Section-A**

**Note : Attempt ALL questions.**

**2×10 = 20**

**1. Attempt all parts and answer in short.**

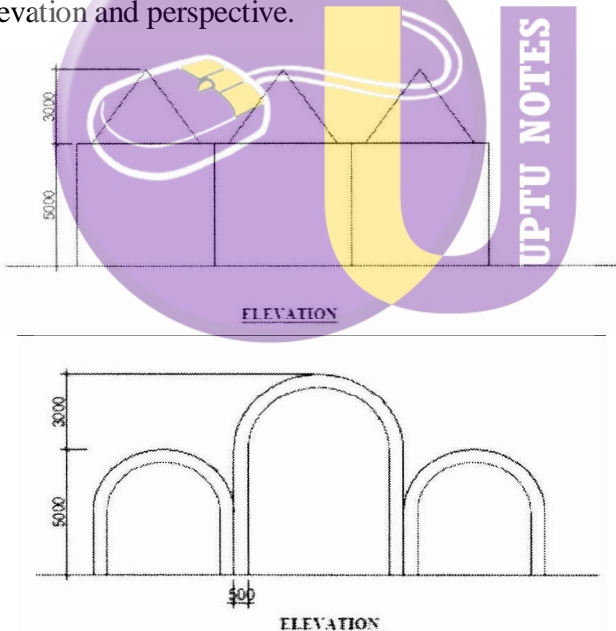
- (a) What are the advantages of using Revit in the field of architecture?
- (b) What is format of AUTODESK REVIT file?
- (c) What standards and file format does Revit building support?
- (d) What do you understand by Families in Autodesk Revit building?
- (e) What do you understand by MODELING?
- (f) Give the shortcut commands for the following in Revit:  
Aligned Dimension, Text, Wall, Door.

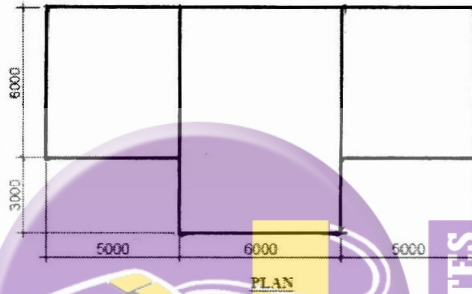
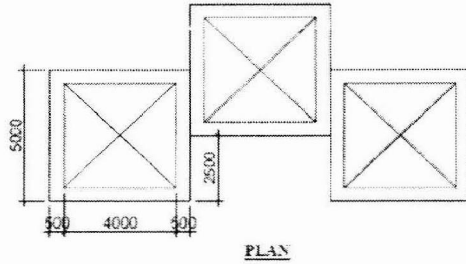
- (g) How many types of walls are there in Revit? Name them.
- (h) What are the benefits of using Filter in Revit?
- (i) What specific type of geometry does the Join Geometry tool and Roof by Face tool require?
- (j) Explain Views in Revit. Name the View Types that can be used in Revit.

### Section-B

2. Attempt any ONE of the objects from Fig.1 (30)

Draw a two - point perspective (Bird's Eye View) of any one of the objects from Fig.1 and also draw the sciography in plan, elevation and perspective.





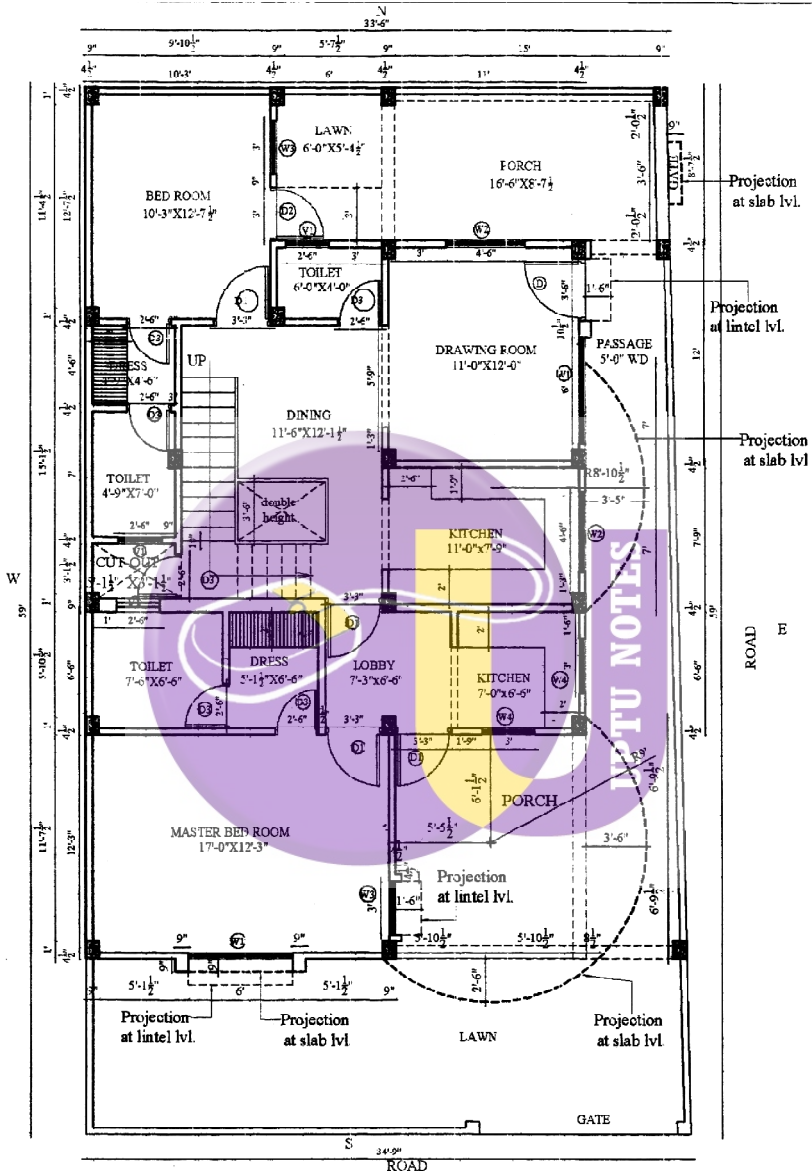
**Fig.1 (Dimensions are in mm)**

### Section-C

**NOTE : Attempt any ONE question.**

50

3. Draw a two - point exterior perspective of the residence given in Fig.2 showing the sciography and render it in a suitable medium of your choice.
4. Draw a two - point interior perspective of the dining on the ground floor of the residence given in Fig.2 showing the sciography and render it in a suitable medium of your choice.



**GROUND FLOOR PLAN  
WORKING PLAN**

Fig.2

(4)

P.T.O.





Fig.2

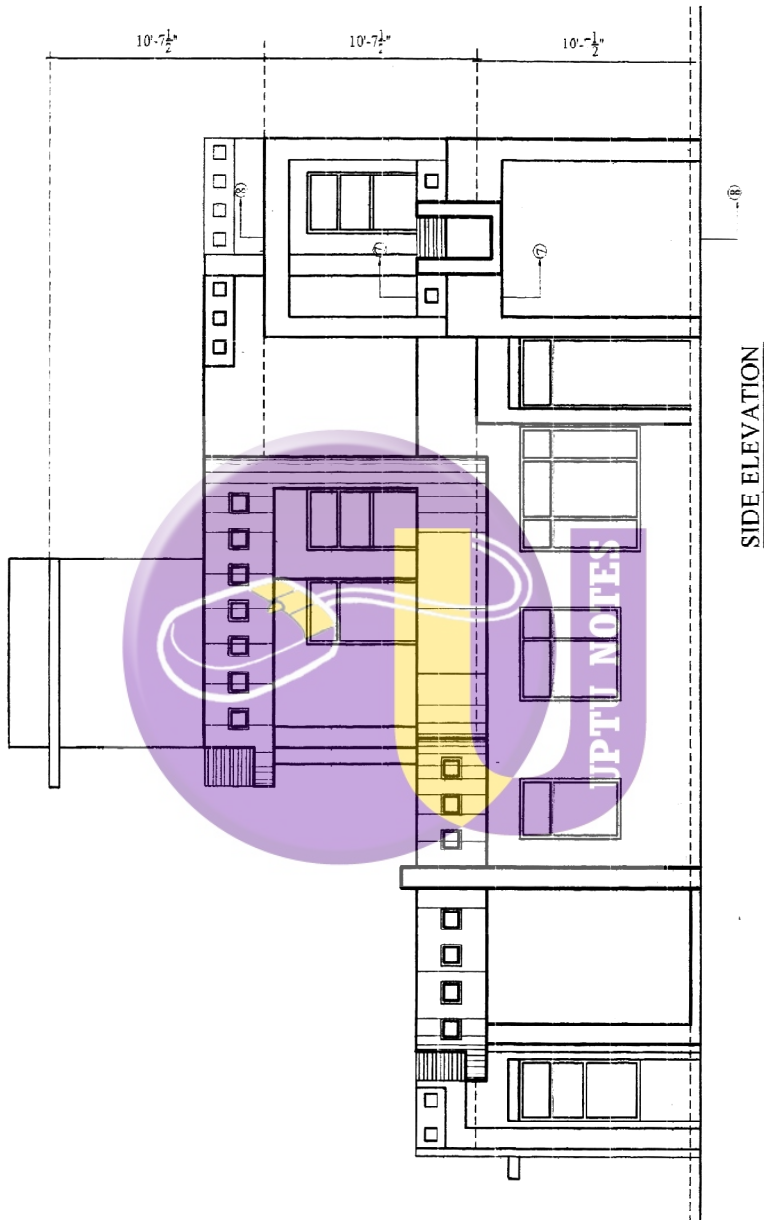


Fig.2

(7)

P.T.O.