

ASSIGNMENT – 4 BUILDING COMPONENT

- Q.1** What are the point kept in view, while locating doors and windows?
- Q.2** Draw the neat sketch of a timber door and window with shutter, label various parts and define various term.
- Q.3** What are the factors affecting the selection of size, shape, location and number of windows in room?
- Q.4** Describe with sketch the following types of window:
- 1) Casement window
 - 2) Clere storey windows
 - 3) Glazed and sash windows
 - 4) Fanlight
 - 5) Bay window
 - 6) Dormer window
- Q.5** Define stair, draw the detail sketch of a stair, lable and define various parts: Landing, Flight, Nosing, Winder, Stringer, Handrail, Balustarde, Nosing.
- Q.6** Describe with sketch, the following types of stairs:
- 1) Quarter turn stair
 - 2) Open well stair
 - 3) Dog legged stair
 - 4) Spiral stair
 - 5) Straight flight stair.
- Q.7** Describe in brief, the following with neat sketch
- 1) Escalators
 - 2) Elevator
- Q.8** What are the essential requirements of good floor?
- Q.9** Describe the various factors affecting the selection of flooring material.
- Q.10** What are the different types of timber floors? Describe single and double joist timber floor with neat sketch.
- Q.11** Define roof. Describe briefly the essential requirements of good roof.
- Q.12** Compare steel roof truss and timber roof truss.