BUILDING CONSTRUCTION – III
5TH EXAM / 3782/3825/AA/May,2015

Duration 4 Hrs   **M. Marks- 100**

PART A

Q.1   **Fill in the blanks.**   10x2= 20

a.   ……….is the vertical distance vertical member which support the door frame.

b.   The Process of filling up all nail holes , cracks with putty is …………

c.   In queen post truss ………. Vertical post are used.

d.   The vertical distance between the wall plate and top of the ridge is called……….of roof.

Define the following:-

a.   Horn

b.   Rebate

c.   Blistering

d.   Distempers

e.   Ridge

f.   pitch of roof

PART B

Q.2   Explain with the help of sketches.   10x4= 40

a.   What are the different types of paints used in building construction.

b.   Explain Aluminum window.

c.   A.C sheet covering

d.   Discuss methods of pointing.

PART C

Attempt any two:-

Q.3   A room 9m x 18m in plan is to be covered by a steel roof. Draw detailed elevation and sections of a typical roof truss suitable for this plan. Give complete details of joints and supports.   20

Q.4   Why the metal windows are being preferred to wooden windows. How do you fix the metal windows in position. What precautions should be taken in fabrication, installation and performance of such window.   20

Q.5   Discuss about Earthquake resistance buildings and explain with neat sketches different configuration for improved earthquake resistance.   20