Subject code: 1015003 Subject Name: Building Construction - I Time: 10:30AM – 01:30PM	Date: 30/12/2016 Total Marks: 40
Q.1 Attempt any 2 with relevant sketches	(08
(a) Define the following:	
(i) Header, (ii) Bat, (iii) Frog, (iv) King Closer	
(b) (i) Classification of Rocks(ii) Enlist the types of Ignious stones with examples	
(c) (i) Discuss with examples hard wood and soft wood.(ii) Defects inTimber	
Q.2 (a) Draw isometric view of queen closer	
and Double mitred closer.	(04)
(b) Write short note on <u>any two</u> :	(04
 Qualities of good brick Preservation of bamboo Adobe technique of mud construction Discuss sedimentary rocks with examples. 	
Q.3 Write a short note on:	
(a) Burning of bricks Or	(08)

Enrolment No._____

Seat No.: _____

Q.4 (a) Draw plans and elevation of 2 brick thick wall in English bond Or (a) Draw plans and elevation of 2 and ½ brick thick wall in Flemish bond Q.5Attempt any two (08)

- (a) Compare Load Bearing Structure and Frame Structure
- (b) Sketch any four carpentry joints.
- (c) Sketch any four types of Bamboo joints.
- (d)Compare Cob vs Wattle and Daub mud construction
- (e) Sketch any 2 types of the rubble stone masonry
- (f) Define Brick masonry and Stone masonry.
