No.: Enrolment No	
GUJARAT TECHNOLOGICAL UNIVERSITY BE Arch. – SEMESTER – II • EXAMINATION – SUMMER • 2014 inct Code: 1025003	
ject Name: Building Construction - II e: 10:30 am - 01:30 pm Total Marks: 40 actions:	
 Attempt an questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks. 	
Design a single shuttered timber panelled door in an opening size of 1000 MM x 2100 MM and draw an elevation, plan and section of the same.	04
Draw an elevation, plan and section of a Fixed Louvered window with timber frame in an opening size of 650 MM x 650 MM.	04
Draw an isometric view of the plan of a horizontally sliding window in aluminium section in an opening size of 2000 MM x 900 MM.	04 04
Differentiate between Ferrous & Non - Ferrous Metals. Give examples of each.	04
Draw an elevation and a plan of a Pointed – Gothic Arch with a clear inner span of 1200 MM showing all its parts.	08
Explain in brief: (Any four) 1. Define 'Door' & enlist any 4 types of doors 2. Define 'Window' & enlist any 4 types of windows 3. Define 'Arch' & enlist any 4 types of arches 4. Define 'Staircase' & enlist any 4 types of staircases 5. Define 'Foundation' & enlist any 4 types of foundations	08
Write a short note on: (Any two) 1. Paint 2. Glass 3. Timber boards	08
 Sketch the following construction/fixing details in isometric: (Any four) Fixing of Stile and top rail of a panel door Fixing of Horizontal Adjustable Louvre with its operating handle and window frame Fixing of slider channel with the door shutter of a horizontal sliding door Fixing of Baluster of a staircase with the tread Fixing of Floor spring with Bottom rail of a glazed single shutter side – pivoted door. 	08
Design a double shuttered panelled window with a timber frame and timber shutter with glass panels in an opening size of 1200 MM x 1500 MM and draw an elevation, plan and section of the same. Draw details also.	08
Write short notes on: 1. Plumbing fixtures 2. Sanitary fixtures	08
	GUJARAT TECHNOLOGICAL UNIVERSITY BE Arch SEMESTER - II • EXAMINATION - SUMMER • 2014 ject Code: 1025003 Date: 28-05-2014 ject Name: Building Construction - II e: 10:30 am • 01:30 pm Total Marks: 40 nections: 1. Attempt all questions. 2. Make suitable assumptions wherever necessary. 3. Figures to the right indicate full marks. Design a single shuttered timber panelled door in an opening size of 1000 MM x 2100 MM and draw an elevation, plan and section of the same. Draw an elevation, plan and section of a Fixed Louvered window with timber frame in an opening size of 650 MM x 650 MM. Draw as sectional elevation of a doglegged staircase showing all its parts. Draw an isometric view of the plan of a horizontally sliding window in aluminium section in an opening size of 2000 MM x 900 MM. OR Differentiate between Ferrous & Non - Ferrous Metals. Give examples of each. Draw an elevation and a plan of a Pointed – Gothic Arch with a clear inner span of 1200 MM showing all its parts. OR Explain in brief: (Any four) 1. Define 'Door' & enlist any 4 types of windows 3. Define 'Arch' & enlist any 4 types of arches 4. Define 'Staircase' & enlist any 4 types of foundations Write a short note on: (Any two) 1. Paint 2. Glass 3. Timber boards OR Sketch the following construction/fixing details in isometric: (Any four) 1. Fixing of Stile and top rail of a panel door 2. Fixing of Horizontal Adjustable Louvre with its operating handle and window frame 3. Fixing of Baluster of a staircase with the tread 5. Fixing of Bloor spring with Bottom rail of a glazed single shutter side – pivoted door. Design a double shuttered panelled window with a timber frame and timber shutter with glass panels in an opening size of 1200 MM x 1500 MM and draw an elevation, plan and section of the same. Draw details also. OR
