

III/SEM/CIVIL/2015 (W)

CONSTRUCTION TECHNOLOGY

Sub Code-CET 305

Full Marks : 70

Time : 3 hours

Answer any five including Q. 1 & Q. 2

The figures in the right-hand margin indicate marks

- 1. (a) What do you mean by scaffolding? 2
- (b) Draw the plan and elevation of English bond of $1\frac{1}{2}$ brick thickwall. 5
- (c) Briefly describe with neat sketches the various types of staircases. 7
- 2. (a) What do you mean by retaining wall? 2
- (b) Write down the process of applying distemper. 5
- (c) Describe briefly with neat sketches the various types of stone masonry. 7

(Turn Over)

(2)

- 3. (a) Define pointing. 2
- (b) What are the objectives and requirements of good plastering? 5
- (c) Describe briefly the damp-proof treatments. 7
- 4. (a) What do you mean by king closer? 2
- (b) What are the advantages and disadvantages of concrete flooring? 5
- (c) Write down different types of pointing with neat sketches. 7
- 5. (a) Define foundation. 2
- (b) Write down the various types of shallow foundation. 5
- (c) Write down the various types of lintel and describe with neat sketches. 7
- 6. (a) Define soffit and extrados. 2
- (b) What is shoring under pining, explain its types and uses. 5
- (c) What is arches, describe the various types of arches. 7

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(Continued)

(3)

7. (a) What is springing line and skewback ? 2
- (b) Describe with neat sketches at least 5 types of doors. 5
- (c) What is weather proof course and explain different types of weather proof course. 7

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