

Total No. of Questions - [4]

Marking Scheme

Total No. of Printed Pages 01

U218-115(T1)

OCTOBER 2018/ IN-SEM (T1)

S. Y. B. TECH. (CIVIL) (SEMESTER - I)

COURSE NAME: CONCRETE TECHNOLOGY

COURSE CODE: CVUA21175

(PATTERN 2017) -Marking scheme

Time: [1 Hour]

[Max. Marks: 30]

(*) Instructions to candidates:

- 1) Answer Q.1 OR Q.2 and Q.3 OR Q.4.
- 2) Figures to the right indicate full marks.
- 3) Draw sketches whenever required

Q.1) a) Types of cement 2 Marks, Explanation 2 Marks each [6 marks]
b) AAR 2 Marks and Effects 6 marks

c) IST and FST 1 marks each, Importance of IST and FST 3 Marks [4 marks]

OR

Q.2) a) Definition 2 Marks, Explanation of two factors in details 4 Marks. [6 marks]
b) Each point 1 Marks

c) Each classification 1 Marks [4 marks]

Q.3) a) Definition of workability 2 Marks and factors affecting 1 Marks each [6 marks]
b) Each tests - 2 Marks [4 marks]
c) Minimum 2 points, 2 Marks each [4 marks]

OR

Q.4) a) i. Segregation - minimum 3 points; ii. Workability- minimum 3 points
One Marks for each points [6 marks]

b) Definition of curing - 1 Marks, Methods of curing- 1 Marks, Explanation 1 marks [4 marks]

c) (i) Flow test with sketch 2 Marks (ii) Slump test with sketch 2 Marks [4 marks]