



DEPARTMENT OF CIVIL ENGINEERING

Final Term Examination

Subject: Concrete Technology

Instructor: Engr. Iqtidar Ali khan

Total Marks: 50

Note:

Attempt all questions.

Manage your paper in order according to questions.

Manage your time properly.

Question # 1

A	Briefly explain Classification of causes of concrete deterioration. 1. Frost Action 2. Effect of fire 3. Sulphate attack 4. Alkali-Aggregate Reaction	10
B	What are the Effect of Cement Characteristics on Strength and Heat of Hydration explain briefly.	10

Question # 2

A	Define Admixture.when concrete admixture is used? And explain briefly it's types	10
B	Explain following 1.slump test 2.conpaction factor test 3.flow test 4.kelly ball test 5.vee bre test	10

Question # 3

A	Define and explain briefly 1.batching. 3.transporting 2.mixing. 4.placing 5.compacting. 6.curing	5
B	Define Segregation in concrete and factor causing segregation in concrete	5

