

INTERNAL ASSESSMENT
ADVANCE CONSTRUCTION TECHNIQUES & EQUIPMENTS
3rd Year DCE, F.M – 20

Answer any two question:

1. a) Write down the properties of steel and glass fibre.
b) Write the use of plastics as construction materials.
c) State properties of artificial timbers. 4+3+3

2. a) What is Prestressing? What are the types of Prestressing?
b) What are the difference between pre tensioning & post tensioning?
c) Describe how underwater concreting is done by the help of Tremie method? 3+3+4

3. a) Write down the name of some excavation equipment.
b) What are the types of vibrators? Discuss any one of them.
c) Write the short note on the followings:
 - i) Steel formwork
 - ii) Use of lifts 2+2+2+2+2

The answer script should be sent in the following GOOGLE CLASSROOM Id with the signature of the student in all pages. Cover page must be attached with the answer script.

Room – **05** (Advance Construction Techniques & Equipments)

Class Code – **knzp2wz**

The original copy is to be submitted only when the Institution is open.

(Mr. Dipak Kumar Das)