	Ollit-111
Roll No	Describe following with neat sketches.
MVCT/MBCT/MVCP-202	a) Prefabricated foundations b) Prefabricated beams
M.E./M.Tech. II Semester	OR
Examination, July 2015	6. Describe various box prefabricates with neat sketches and
Prefabrication Design and its Construction *	explain the procedure of erection of these prefabricates. 14
Technology	Unit-IV
Time: Three Hours	7. Explain the design forces to be considered in the design of
Maximum Marks : 70	following prefabricates. a) Wall partel
Note: i) Attempt all questions, internal choices are given.	b) Lift point
 Any missing data assumed suitably and stated clearly. 	OR
Unit-I	8. Describe the design of following joints.
Describe the suitability of prefabricated construction technique in major and minor projects of civil engineering.	a) Joint to transfer axial force onlyb) Joint to transfer axial force and moment and shear force
Also explain the advantages and disadvantages of	
prefabricated constructions. 14	
OR	Unit-V
2. a) Name different materials used in precast construction,	9. Describe the following with neat sketches.
state the properties of any one. 7	a) Silber-kuhi system
b) Describe the various requirements of an industrial building.	b) Lift slab system
Unit-II ·	OR .
3. Explain Modular planning for an Industrial building or for	10. Write short notes on :
construction of a road. What are the advantages of modular	 Equipments used in vertical and horizontal transportation of prefabricated component.
planning. 14	b) Precaution to be consider during prefabricated
OR	construction.
 a) State national building code specifications, in relation to modular grid system. 	
b) Write short note on Modular grid system. 7	****
HE BEANNESS OF THE PROPERTY OF THE SEASON OF THE SEASON DESIGNATION OF THE SEASON OF THE SEASON OF THE SEASON DESIGNATION OF THE SEASON DESIGNATION	