


DEPARTMENT OF CIVIL ENGINEERING: IIT DELHI
CVL776 CONSTRUCTION PRACTICES AND EQUIPMENT

2.15 pm – 4.15 pm

LH310

MAX MARKS 100

MAJOR TEST 10.04.2022

- Q.1 **SKETCH** terms relating to tolerances with respect to sizes and dimensions 05
- Q.2 **SKETCH** THE STEEL COLUMN AND BEAM CONNECTION WITH FACTORY STUB 05
- Q.3 **SKETCH** THE THREE OPTIONS OF STEEL COLUMN BASE CONNECTIONS 05
- Q.4 **SKETCH** THE STEEL COLUMN SPLICING FOR EXTENDING THE COLUMN HEIGHT 05
- Q.5 **SKETCH** THE SITE RIVETED STEEL COLUMN AND BEAM CONNECTION WITHOUT FACTORY STUB 05
- Q.6 **LIST** GEOLOGICAL CONSIDERATION IN TUNNELLING IN HARD ROCK 05
- Q.7 **LIST** METHODS OF TUNNEL CONSTRUCTION 05
- Q.8 **COMPARE** THE CLASSIFICATION OF TUNNELS IN HARD ROCK AND SOFT GROUND 10
- Q.9 **LIST** THE STEPS IN THE D/B METHOD 05
- Q.10 **EXPLAIN** THE PROCESS OF BLASTING PROCEDURE 10
- Q.11 **LIST** THE ADVANTAGES OF D/B METHOD 05
- Q.12 **EXPLAIN** THE DESIGN STEPS IN TBM EXCAVATED TUNNELS  10
- Q.13 **LIST** THE INSTALLATION PROCEDURE FOR TBM TUNNELING 05
- Q.14 **COMPARE** THE TBM AND D B METHODS 10
- Q.15 **EXPLAIN** THE SAFETY STEPS TO BE FOLLOWED IN TUNNELING PROCESS 10

PPE