

COURSE CODE: 11B1WCE834

MAX. MARKS: 15

COURSE NAME: Highway, Construction, Maintenance and Management

COURSE CREDITS: 3

MAX. TIME: One Hr

Note: Attempt all the questions. Carrying of mobile phone during examinations will be treated as case of unfair means.

1. Make a list of different types of earth excavator along with their specifications. (5)
2. What are the different weather impacts (i.e. roadway and traffic)? (3)
3. In the road construction, Reference points should be set at least meters behind the uphill clearing limits. On the average, reference points (or RP's) should be set at least (1)
4. Explain different types of cement based engineering soil. (3)
5. (a) Sub grade thickness of Roman Roads was..... while the large stone slab thickness was..... (1)
(b) Explain the blasting procedure (i.e. precaution etc) with the help of net sketch (2)