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| | First | ranke | r's c | hoi | e | | (B) | (| Q. 3 | wwv | ٧ <u>چ</u> | r | a n k | ePc | om | | | wwv | v.Fir | stR | ank | e.C. | om | 12 24. ** 14. ** | | | |
| | | | | | length of t | rain fall ar | A national | The speed of ove kmph, respective acceleration dur Calculate safe overtaking zone | Solve Any | Elongation index) | | | | | | 6. Enlist va | 5. what is S | 4. Define si | 3. Define re | 2. How mu | 1. What is | Answer in | | Instruc 1. 2. 3. | Max M | Course: Subject | |
| | | | ** | | length of transition curve assuming suitable data | rain fall area has a horizontal curve of radius 500 m. Design the | A national highway passing through rolling terrain in heavy | The speed of overtaking and overtaken vehicles are 70 and 40 kmph, respectively on a two-way traffic road. The average acceleration during overtaking may be assumed as 0.99 m/sec ² . Calculate safe overtaking sight distance and minimum length of overtaking zone? | Solve Any One of the following. | index) | Write short note on Shape test of aggregates (flakiness index and | Explain PIEV theory in detail | Discuss classification of roads as per Nagpur road plan. | Solve Any Two of the following. | | 6. Enlist various types of tests on Aggregates | 5. what is Stopping sight distance | 4. Define super elevation | Define reaction time of driver | How much should be the Width of pavement or | What is Cross Slope or Camber | Answer in one sentence (All Questions carry equal marks) | | Instructions to the Students: All Questions are compulsory. Draw neat and clean diagram if necessary. Assume suitable data wherever necessary. | Max Marks:20 Date:- | Course: B. Tech in _CIVIL ENGINEERING Subject Name: Transportation Engineering | |
| | | | *** End *** | | ta. | 00 m. Design the | rain in heavy | s are 70 and 40 The average d as 0.99 m/sec². inimum length of | | | akiness index and | | ad plan. | | | | | | | or carriageway? | | ual marks) | | ary. | Date:-25/09/2019 Du | | CHNOLOGICAL UNIVE nination – Sept./Oct. 2019 |
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