

DTCA-2023

Traffic engineer

Time-2 hours

Non tech-60

1. Bangla-20
2. English-15
3. Paragraph on Bangabandhu tunnel-5
4. Gk-15
5. Ful form-5
 - a. BSTI, BRRRI, WTO, IMF, CIRDP, ~~COSCO~~, SDG, TIN, VAT, MRT

Tech-40

1. What is sight distance, stopping sight distance and passing sight distance.
2. What is super elevation, why is it necessary? Define transition curve.
3. What is travel demand management? Why is it necessary in transportation planning?
4. Advantages and disadvantages of traffic signal. Fixed time signal and vehicle actuated signal
5. What is inherent weakness of the road network in Dhaka city.
6. Define accessibility and movement. Draw classical access and movement function diagram.
7. Road widening is not the sustainable solution in transport.
8. Causes and prevention of road accident.