

Mongla port authority-2023

Departmental:

1. What is one way and two way slab? Why distribution steel is used in slab? Why corner reinforcement is provided? How do you check a doubly reinforced beam.
2. Differentiate between compaction and consolidation. Sketch a typical graph of compaction. What is degree of compaction or relative compaction?
3. Draw a typical diagram of rigid pavement and flexible pavement.
4. Write the steps of conventional waste water treatment. Differentiate between preliminary treatment and primary treatment process.
5. State the Manning's and Chezy's formula for calculating discharge of a open channel flow. Derive the relationship between Manning's and chezy's formula and roughness coefficient.

Non-departmental-40:

Bangla: 10

1. সন্ধি-3
2. বাগধারা-2
3. ব্যাকরণ সম্পর্কিত-4

English-10:

1. Preposition-2
2. Translation about petroleum gas
3. Phrases-2

Math-10:

1. মান নির্ণয়
2. ষড়ভুজের ক্ষেত্রফল
3. স্থান বিনিময়ের অংক
4. শতকরা

সাধারণ জ্ঞান-১০।

1. সুয়েজ খাল
2. প্রণালি
3. কোন দেশ ২ মহাদেশে অবস্থিত
4. গ্রিন পিস কি