



CIVIL ENGINEERING

- 1) What is the initial setting time of lime-pozzolana?
- 2) What are plutonic rocks?
- 3) What kind of rock is a Quartzite?
- 4) What are the main constituents of fly-ash?
- 5) What is asphalt?
- 6) What is contour?
- 7) What is the specific gravity of cement?
- 8) What are the types of staircase?
- 9) Pantagraph is used for?
- 10) What are the phases of inspection done by authority during construction?
- 11) Where does the Distemper coat is used in building?
- 12) What is the use of a station pointer?
- 13) What is grouting?
- 14) What are the types of scaffolding?
- 15) What is a reconnaissance survey?
- 16) When a land is said to be water logged?
- 17) What is void ratio?
- 18) What is kor watering?
- 19) What is rcc and pcc?
- 20) Mention any advantages of truss.
- 21) Types of chains common in use?
- 22) What is batching of concrete?
- 23) What is surveying?
- 24) Difference between one-way and two-way slab?
- 25) What is the length of ranging rod?
- 26) Merits of Total station over Theodilite?
- 27) What is Young's modulus?
- 28) What is bending moment?
- 29) What is shear force?
- 30) State any real-time example of cantilever beam.
- 31) What are the types of gauges in railway?
- 32) What are the major constituents of cement?
- 33) What is the difference between opc and ppc?
- 34) Mention commonly used grades of concrete
- 35) In Fe415 steel what does 415 represents?
- 36) What is tmt steel?
- 37) Full form of BIS
- 38) What is the size of standard brick in cm?
- 39) What is fine aggregate and coarse aggregate?
- 40) What is bearing?
- 41) What is oasis?
- 42) What is mortar and concrete?
- 43) What does factory of safety mean?



44) What is the ratio of concrete mix?

45) What is plinth beam?

46) What is matt foundation?

47) What is pre-stressed concrete?

48) Difference between sand and soil?

49) Minimum curing period for concrete structure?

50) Conversion:

I. 1cent = sq feet 435.60

II. 1feet = 30.48 cm

SHANKAR IAS ACADEMY