
Aptitude

1) A farmer used 1034 acres of land for growing rice, wheat and corn in the ratio of 5:2:4 respectively. How many acres were used for growing corn?

- A) 188 acres B) 258 acres C) 376 acres D) 470 acres

2) How many times should the keys of a keyboard be pressed in order to type the first 300 counting numbers? (i.e. to type 1, 2, 3 ... 300)

- A) 362 B) 1448 C) 1504 D) 792

3) The more she learnt _____ the American Civil War, the more fascinated she became.

- A) About B) From C) Off D) With
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CIVIL ENGINEERING

4) What is the maximum pitch in any type of stairs?

- A) 42 degrees B) 25 degrees C) 60 degrees D) 30 degrees

5) In the time cost optimization, using CPM method for network analysis, the crashing of the activities along the critical path is done starting with the activity that shows which of the following characteristics?

- A) Shortest duration B) Highest cost slope C) Longest duration D) Least cost slope

6) What is the depth of flow for maximum velocity in a circular channel section with diameter equal to 1.5m?

- A) 1.215m B) 1.065m C) 1.425m D) 0.75m
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