

**ARITHMETICS**

*Please do not write on the subject paper and don't forget to give back the examination paper at the end of the test.*

**This is a Multiple Choice Questionnaire**

- 1) Let N be the greatest number that will divide 86,625 and 14,625. Then the sum of the digits in N is :  
a) 18                                      b) 9                                      c) 10                                      d) 27
  
- 2) Which greatest possible length can be used to measure exactly 15 meter 75 cm, 11 meter 25 cm and 7 meter 65 cm  
a) 45 cm                                      b) 55 cm                                      c) 244cm                                      d) 255 cm
  
- 3) An electronic device makes a beep after every 60 sec. Another device makes a beep after every 62 sec. They beeped together at 10 a.m. The time when they will next make a beep together at the earliest, is  
a) 10:02 am                                      b) 10:30 am                                      c) 10:31 am                                      d) 11:02 am
  
- 4) The traffic lights at three different road crossings change after every 48 seconds, 72 seconds and 108 seconds respectively. If they all change simultaneously at 8:20:00 (8h20min), then at what time will they change simultaneously again ?  
a) 8:20:12                                      b) 8:27:12                                      c) 8:27:20                                      d) 8:24:32