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Below are a few **HCF / LCM MCQ** tests that check your basic knowledge of Aptitude. This **HCF / LCM Test** contains around 20 questions of multiple choice type with 4 options. You have to select the right answer to a question. apart from this, you can also download HCF/LCM MCQ PDF completely free.

Q1. The least common multiple of two numbers is 168 and highest common factor of them is 12. If the difference between the numbers is 60, what is the sum of the numbers?

- A. 96
- B. 122
- **C. 108**
- D. 144

Q2. The greatest number of four digits which is divisible by 15, 25, 40, 75 is -

- A. 9000
- **B. 9600**
- C. 9400
- D. 9200

Q3. The L.C.M. of two numbers is 14560 and their H.C.F. is 13. If one of them is 416, the other is -

- A. 445
- B. 450
- **C. 455**
- D. 460

Q4. The ratio of two numbers is 4 : 5 and their H.C.F is 4. Find their L.C.M?

- A. 48
- B. 73
- C. 80
- D. 96

Q5. The H.C.F. of two numbers is 23 and the other two factors of their L.C.M. are 13 and 14. The larger of the two numbers is -

- A. 322
- B. 299
- C. 276
- D. 345

Q6. Find the greatest number that will divide 43, 91 and 183 so as to leave the same remainder in each case?

- A. 7
- B. 4
- C. 8
- D. 9

Q7. Six bells commence tolling together and toll at intervals of 2, 4, 6, 8, 10 and 12 seconds respectively. In 30 minutes, how many times do they toll together ?

- A. 10
- B. 15
- C. 16
- D. 14

Q8. What is the HCF of 108, 360 and 408?

- A. 6
- B. 12
- C. 10
- D. 14

Q9. The LCM of two numbers is 2079 then HCF is 27. If the 1st number is 189, then the 2nd number is -

- A. 215
- B. 246
- C. 195
- **D. 297**

Q10. What is the least number which when divided by 9,12,16,30 leaving in each case, a remainder 3

- A. 31
- B. 117
- **C. 723**
- D. 231

Q11. Three numbers are in the ratio of 2:3:4 and their HCF is 10. The numbers are -

- A. 40, 20, 30
- B. 30, 20, 40
- **C. 20, 30, 40**
- D. 10, 20, 30

Q12. The H.C.F. of two numbers is 11 and their L.C.M. is 7700. If one of the numbers is 275, then the other is -

- **A. 308**
- B. 283
- C. 279
- D. 318

Q13. The greatest possible length which can be used to measure exactly the lengths 7 m, 3 m 85 cm, 12 m 95 cm is -

- **A. 35 cm**
- B. 15 cm
- C. 25 cm
- D. 42 cm

Q14. The greatest number which on dividing 1657 and 2037 leaves remainders 6 and 5 respectively, is -

- A. 123
- B. 235
- **C. 127**
- D. 305

Q15. The Numbers of factors of 60 is -

- A. 10
- B. 14
- C. 15
- **D. 12**

Q16. Find the HCF of 54, 288, 360?

- A. 54
- **B. 18**
- C. 36
- D. 108

Q17. Find the LCM of 0.32, 0.4 and 0.002?

- A. 0.32
- B. 0.04
- **C. 1.6**
- D. 0.4

Q18. Find the largest number which divides 62, 132 and 237 to leave the same remainder in each case.

- A. 32
- B. 34
- C. 36
- D. 35

Q19. Find the L.C.M. of 72, 108 and 2100?

- **A. 37801**
- B. 37811
- C. 37800
- D. 37700

Q20. Find the length of the largest possible square slab which can be used in paving the floor 5m 44cm long and 3 m 74 cm broad -

- A. 26 cm
- B. 20 cm
- C. 48 cm
- **D. 34 cm**

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