



spardhaguru2022



Spardhaguru Current affairs



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1) The product of two 2-digit numbers is 2160 and their H.C.F. is 12. The numbers are

- a) (60, 72) b) (72, 30)
c) (12, 60) d) (36, 60)

2) H.C.F of $\frac{2}{3}$, $\frac{4}{5}$ and $\frac{6}{7}$ is

- a) $\frac{24}{105}$ b) $\frac{2}{105}$ c) $\frac{48}{105}$ d) $\frac{1}{105}$

3) 84 Maths books, 90 Physics books and 120 Chemistry books have to be stacked topicwise. How many books will be there in each stack so that each stack will have the same height too ?

- a) 21 b) 18 c) 12 d) 6

4) Let N be the greatest number that will divide 1305, 4665 and 6905 leaving the same remainder in each case. Then, sum of the digits in N is :

- a) 8 b) 5 c) 4 d) 6

5) There are 24 peaches, 36 apricots and 60 bananas and they have to be arranged in several rows in such a way that every row contains the same number of fruits of only one type. What is the minimum number of rows required for this to happen ?

- a) 6 b) 9 c) 12 d) 10

6) A milk vendor has 21 litres of cow milk, 42 litres of toned milk and 63 litres of double toned milk. If he wants to pack them in cans so that each can contains same litres of milk and does not want to mix any two kinds of milk in a can, then the least number of cans required is

- a) 12 b) 6 c) 3 d) 9

7) In a school, 391 boys and 323 girls have been divided into the largest possible equal classes, so that each class of boys numbers the same as each class of girls.

What is the number of classes ?

- a) 17 b) 19 c) 23 d) 44

8) The greatest number, by which 1657 and 2037 are divided to give remainders 6 and 5 respectively, is

- a) 305 b) 133 c) 127 d) 235

9) What is the least number of square tiles required to pave the floor of a room 15 m 17 cm long and 9 m 2 cm broad?

- a) 814 b) 841 c) 840 d) 820

10) The greatest number by which 2300 and 3500 are divided leaving the remainders of 32 and 56 respectively, is

- a) 84 b) 168 c) 136 d) 42

11) Which greatest number will divide 3026 and 5053 leaving remainders 11 and 13 respectively?

- a) 60 b) 30 c) 18 d) 45

12) Two pipes of length 1.5 m and 1.2 m are to be cut into equal pieces without leaving any extra length of pipes. The greatest length of the pipe pieces of same size which can be cut from these two lengths will be

- a) 0.41 meter b) 0.4 meter
c) 0.13 meter d) 0.3 meter

13) A farmer has 945 cows and 2475 sheep. He farms them into flocks, keeping cows and sheep separate and having the same number of animals in each flock. If these flocks are as large as possible, then the maximum number of animals in each flock and total number of flocks required for the purpose are respectively

- a) 46 and 75 b) 9 and 380
c) 15 and 228 d) 45 and 76

14) The largest number, which divides 25, 73 and 97 to leave the same remainder in each case, is

- a) 6 b) 23 c) 24 d) 21

15) Find the greatest number that will divide 390, 495 and 300 without leaving a remainder.

- a) 35 b) 15 c) 5 d) 25





16) The greatest number, which when divide 989 and 1327 leave remainders 5 and 7 respectively, is :

- a) 32 b) 16 c) 8 d) 24

17) Three sets of English, Mathematics and Science books containing 336, 240, 96 books respectively have to be stacked in such a way that all the books are stored subject-wise and the height of each stack is the same.

Total number of stacks will be

- a) 48 b) 21 c) 14 d) 22

18) Find the greatest number which will exactly divide 200 and 320.

- a) 40 b) 20 c) 10 d) 16

19) The greatest number that divides 411, 684, 821 and leaves 3, 4 and 5 as remainders, respectively, is

- a) 204 b) 146 c) 254 d) 136

20) What is the greatest number that will divide 307 and 330 leaving remainders 3 and 7 respectively ?

- a) 23 b) 16 c) 19 d) 17

21) Three tankers contain 403 litres, 434 litres, 465 litres of diesel respectively. Then the maximum capacity of a container that can measure the diesel of the three containers exact number of times is

- a) 84 litres b) 62 litres
c) 31 litres d) 41 litres

22) A milkman has 75 litres milk in one can and 45 litres in another. The maximum capacity of container which can measure milk of either container exact number of times is :

- a) 25 litres b) 5 litres
c) 1 litre d) 15 litres

23) What is the greatest number which will divide 110 and 128 leaving a remainder 2 in each case ?

- a) 38 b) 18 c) 8 d) 28

24) The greatest number that will divide 729 and 901 leaving remainders 9 and 5 respectively, is

- a) 20 b) 16 c) 15 d) 19

25) The maximum number of students among whom 1001 pens and 910 pencils can be distributed in such a way that each student gets same number of pens and same number of pencils, is :

- a) 1911 b) 910
c) 91 d) 1001

