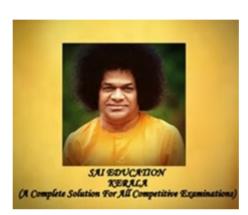
## 108 Days Online Coaching Day(41)~31/03/2020, Tuesday

HCF AND LCM



Name of the candidates \*

M1

Place of the candidates \*

Kozhikode

WhatsApp number (Joined in sai education online coaching platform) \*

000000000

Questions

## Please watch the online classes and answer the following questions

https://youtu.be/qGbckX0p12o https://youtu.be/5mmuaosXxa8 https://youtu.be/mevKK9-etPI

1

7

0 10

3

| 1)HCF of 24,48,60? *                                      | 1 point |
|---|---------|
| <ul> <li>9</li> <li>12</li> <li>18</li> <li>10</li> </ul> |         |
| 2)HCF of 13,11,7 *  | 1 point |

| 3)HCF of 30,48,96? * | 1 point |
|----------------------|---------|
| 0 10                 |         |
| 5                    |         |
| <b>6</b>             |         |
| 3                    |         |
|                      |         |

| 4) HCF of 13,11,17? * | 1 point |
|-----------------------|---------|
|                       |         |
| 0 10                  |         |
| O 2                   |         |
| 5                     |         |
| 1                     |         |
|                       |         |
|                       |         |

| 5)LCM of 10,15? * | 1 point |
|-------------------|---------|
| 20                |         |
| 0 10              |         |
| 30                |         |
| 5                 |         |
|                   |         |

| 6) LCM of 8,12? * | 1 point |
|-------------------|---------|
| 5                 |         |
| 30                |         |
| 24                |         |
| O 20              |         |
|                   |         |

| 7)LCM of 2,3,8? * | 1 point |
|-------------------|---------|
| 0 16              |         |
| 24                |         |
| 3                 |         |
| O 26              |         |
|                   |         |

| 8)LCM of 10,20,15? * | 1 point |
|----------------------|---------|
| 30                   |         |
| <b>6</b> 0           |         |
| O 20                 |         |
| 0 10                 |         |
|                      |         |

| 9) find the HCF of 24,48,60? * | 1 point |
|--------------------------------|---------|
| 6                              |         |
| 8                              |         |
| 12                             |         |
| 24                             |         |
|                                |         |

| 10)Fine the HCF of 90,162? * | 1 point |
|------------------------------|---------|
| 9                            |         |
| 0 12                         |         |
| 18                           |         |
| 24                           |         |
|                              |         |

| 11)Which is the smallest no when divided by 9 and 15 gives you the remainder 7? $^{\star}$ | 1 point |
|--|---------|
| O 22   |         |
| 32   |         |
| 42   |         |
| 52   |         |
|  |         |

| 12)The LCM of two no's is 900 and their HCF is 15.if one of the number is 60 then what will be the other one? * | 1 point |
|---|---------|
| 135   |         |
| 225   |         |
| 0 125   |         |
| 0 175   |         |
|   |         |

| 13) Find the highest number that is factor of 60 and 72 ? (HCF) $^{\star}$ | 1 point |
|--|---------|
| 6  |         |
| 0 11   |         |
| 12   |         |
| 0 1  |         |
|  |         |

| 14)Find the LCM of 24,36? * | 1 point |
|-----------------------------|---------|
| 60                          |         |
| 72                          |         |
| 30                          |         |
| 48                          |         |
|                             |         |

| 15) What is the smallest number divisible by 8,9 and 12? * | 1 point |
|--|---------|
| 72   |         |
| 48   |         |
| 36   |         |
| 24   |         |
|  |         |

| 16)Find the LCM of 12,16? * | 1 point |
|-----------------------------|---------|
| 24                          |         |
| <b>4</b> 8                  |         |
| 0 12                        |         |
| 0 18                        |         |
|                             |         |

| 17)Find the lowest common multiple of 24, 36 and 40? * | 1 point |
|--|---------|
| O A. 120   |         |
| О В. 240   |         |
| • C. 360   |         |
| O D. 480   |         |
|  |         |

| 18)What will be the least number which when doubled will be exactly divisible by 12<br>18, 21 and 30 ? * | <b>2,</b> 1 point |
|--|-------------------|
| O A. 196   |                   |
| <b>B</b> . 630   |                   |
| O C. 1260  |                   |
| O D. 2520  |                   |
|  |                   |

| 1 point |
|---------|
|         |
|         |
|         |
|         |
|         |

| 20)Find the greatest number that will divide 43, 91 and 183 so as to leave the remainder in each case. * | e same 1 point |
|--|----------------|
| • A. 4   |                |
| O B. 7   |                |
| O C. 9   |                |
| O D. 13  |                |
|  |                |

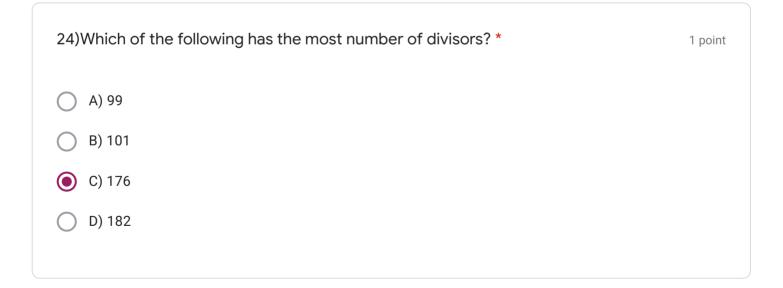
21)The H.C.F. of two numbers is 23 and the other two factors of their L.C.M. are 13 and 1 point 14. The larger of the two numbers is? \*

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

| 22)The ratio of two numbers is 3 : 4 and their H.C.F is 4. Their L.C.M is ? * | 1 point |
|---|---------|
| () A) 12  |         |
| O B) 16   |         |
| O C) 24   |         |
| <b>D</b> ) 48   |         |
|   |         |

1 point

| 23)The L.C.M of 22, 54, 108, 135 and 198 is? * |  |
|--|--|
| A) 330   |  |
| О В) 1980                                      |  |
| • C) 5940                                      |  |
| O D) 11880                                     |  |



| 25)The difference of two numbers is 14. Their LCM and HCF are 441 and 7. Find the two numbers ? * | 1 point |
|---|---------|
| A) 63 and 49  |         |
| O B) 64 and 48  |         |
| C) 62 and 46  |         |
| O D) 64 and 49  |         |
|   |         |

## THANK YOU

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