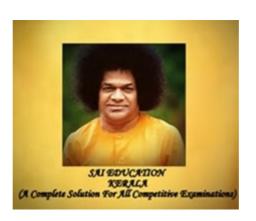# 108 DAYS ONLINE COACHING TEST FOR MISSION 2021-(DAY 3)-[03/06/2021~THURSDAY]

HCF & LCM

Email *

m3@gmail.com

NAME OF THE CANDIDATE (PLEASE ENTER YOUR FULL NAME) *

M3

PLACE OF THE CANDIDATE *

KANNUR ▼

PLEASE ENTER YOUR WHAT'S APP NO(JOINED IN THE SAI EDN OCT KERALA GROUP) *

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PLEASE WATCH THE ONLINE CLASSES CAREFULLY AND NOTE DOWN IT IN YOUR DIARY BEFORE SENDING THE ANSWERS

https://youtu.be/qGbckXOp12o
https://youtu.be/5mmuaosXxa8
https://youtu.be/mevKK9-etPI
https://youtu.be/c7ls3D1uovI
https://youtu.be/Jn09LXu_tvo

Q.1. 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: *   1 point

- ⦿ 322
- ◯ 324
- ◯ 326
- ◯ 328

Q.2. Three number are in the ratio of 3 : 4 : 5 and their L.C.M. is 2400. Their H.C.F. is: *   1 point

- ◯ 80
- ⦿ 40
- ◯ 120
- ◯ 200

Q.3. The G.C.D. of 1.08, 0.36 and 0.9 is: *   1 point

- ⦿ 0.18
- ◯ 0.36
- ◯ 0.90
- ◯ 0.09

Q.4. Find the lowest common multiple of 24, 36 and 40. *   1 point

- ◯ 180
- ◯ 320
- ◯ 480
- ⦿ 360

Q.5. The H.C.F. of two numbers is 11 and their L.C.M. is 7700. If one of the numbers is 1 point
275, then the other is: *

- ◯ 312
- ⦿ 308
- ◯ 324
- ◯ 420

Q.6. The ratio of two numbers is 3 : 4 and their H.C.F. is 4. Their L.C.M. is: *   1 point

- ● 48
- ○ 36
- ○ 24
- ○ 16

Q.7. Find the highest common factor of 36 and 84. *   1 point

- ○ 4
- ○ 6
- ● 12
- ○ 18

Q.8. The L.C.M. of two numbers is 48. The numbers are in the ratio 2 : 3. Then sum of   1 point
the number is: *

- ○ 32
- ● 40
- ○ 28
- ○ 64

Q.9. The HCF of two numbers is 8. Which of the following can never be their LCM? * 1 point

○ 24

○ 48

○ 56

● 60

Q.10. If the LCM of two numbers is 750 and their product is 18750, find the HCF of the 1 point
numbers. *

● 25

○ 30

○ 55

○ 125

Q.11. HCF of 3/16, 5/12, 7/8 is: * 1 point

● 1/48

○ 2/47

○ 3/47

○ 5/48

Q.12. The least number which when divided by 8, 12 and 16, leave in each remainder 3, is? *   1 point

○ 61

○ 81

● 51

○ 71

Q.13. The least square number which divides 8, 12 and 18 is? *   1 point

● 144

○ 169

○ 189

○ 400

Q.14. Three numbers are in the ratio of 2 : 3 : 4 and their L.C.M. is 240. Their H.C.F. is: *   1 point

○ 40

○ 60

● 20

○ 80

Q.15. Given : Three numbers 17, 42 and 93. Find the largest number to divide all the three numbers leaving the remainders 4, 3, and 15 respectively at the end? * 1 point

- ● 13
- ○ 17
- ○ 78
- ○ 89

Q.16. A number when divided by 36, 24 and 16, leaves the remainder 11 in each case. Find the smallest value of this number. * 1 point

- ○ 36
- ○ 144
- ○ 133
- ● 155

Q.17. Find the lowest common multiple of 24, 36 and 40 * 1 point

- ○ 120
- ○ 240
- ● 360
- ○ 480

Q.18. What is the least multiple of 7 which leaves a remainder of 4 when divided by 6, 9, 15 *   1 point

○ 343

○ 350

○ 374

◉ 364

Q.19. The H.C.F. of two numbers is 5 and their L.C.M. is 150. If one of the numbers is 25, then the other is: *   1 point

○ 20

○ 28

○ 24

◉ 30

Q.20. Which of the following fraction is the largest ? *   1 point

◉ 7/8

○ 13/16

○ 31/40

○ 63/80

YOUR ANSWERS ARE SUBMITTED SUCCESSFULLY. PLEASE CHECK YOUR MAIL TO VIEW YOUR SCORE AND RESPONSE SHEET. THANK YOU!!!