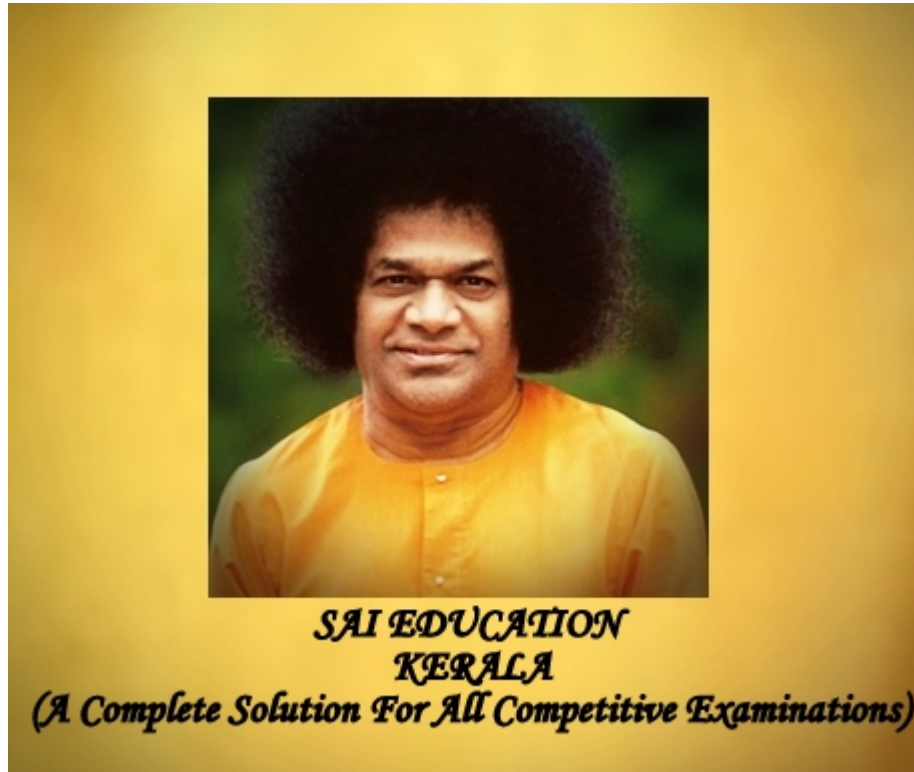


ONLINE COACHING DAY 03 (07-03-2019)

Kerala University Assistant Special (Binary and Roman Numbers)



Name of the candidate *

M3

Please watch the video and answer the questions

<https://youtu.be/sDDcVHNNUIo>

1. The binary system has a radix of

1 point

- 0
- 1
- 2
- 3

2. Which of the following is called minimum error code?

1 point

- Binary code
- Excess 3 code
- Gray code
- Octal code

3. Two's complement of 0100.10

1 point

- 0100.00
- 0100.10
- 0100.11
- 1011.10

4. A half byte is called

1 point

- Bug
- nibble
- data
- bit

5. The binary 01100111 is equal to decimal digit code

1 point

- 103
- 67
- 67
- 76

6. What number is this XLVII?

1 point

- 89
- 47
- 57
- 52

7. What number is this LXXXIII?

1 point

- 53
- 33
- 83
- 93

8. Convert 1984 to Roman Numerals.

1 point

- MCMLXXXIV
- MCMLXXV
- MCLXXXIV
- MCMXXXIV

9. Convert 11001001(binary) to decimal.

1 point

- 2001
- 210
- 20
- 201

10. Write 172 as a Roman Numeral

1 point

- CLXXII
- LCXXII
- CLVXX
- DVII

11. The quantity of double word is

1 point

- 64 BITS
- 32 bits
- 16 bits
- 8 bits

12. Perform binary addition: $101101 + 011011 = ?$

1 point

- 011010
- 1010100
- 101110
- 1001000

13. Binary subtraction of $100101 - 011110$ is

1 point

- 000111
- 111000
- 010101
- 101010

14. Binary subtraction of $101101 - 001011 = ?$

1 point

- 100010
- 010110
- 110101
- 101100

15. Subtract 111 from 1000

1 point

- 0000
- 0001
- 0010
- 0100

16. Base of hexadecimal number system

1 point

- 8
- 16
- 32
- 2

17. Logic gates have values in

1 point

- Binary numbers
- Decimal numbers
- Octal numbers
- Hexadecimal numbers

18. ASCII stands for

1 point

- African standard code for information interchange
- American standard code for integer interchange
- American standard code for information interchange
- African standard code for integer interchange

19. 1's complement as a logical operation is equivalent to

1 point

- Logical design
- Illogical design
- Logical complement
- Illogical complement

20. Electronic digital circuits are also called as

1 point

- Switching algebra
- Logic circuits
- Binary circuits
- Binary algebra

21. The string of 8 bits is called

1 point

- Nibble
- Byte
- Octed
- Quad

22. $(110.101)_2$ in decimal form =

1 point

(6.625)

5.525

6.525

5.625

23. A -----is approximately 1 billion bytes

1 point

kilobyte

bit

gigabyte

megabyte

24. The term bit is a short form of

1 point

megabyte

binary language

binary digit

binary number

25 . Decimal number system has ----- symbols

1 point

15

16

2

10

Thankyou



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