

108 Days Online Coaching Day (II)~21/07/2020, Tuesday

BINARY AND ROMAN NUMBERS



NAME OF THE CANDIDATES *

M1

PLACE OF THE CANDIDATES *

Kozhikode

WhatsApp number (Joined in sai education Coaching Platform) *

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Questions

MEDIUM OF TEST- ENGLISH

Please watch the online classes and answer the following questions

<https://youtu.be/sDDcVHNNUIo>

CONVERT THE FOLLOWING DECIMAL NUMBER INTO BINARY FORM

(Questions 1-15)

1) 13 *

1 point

- 1101
- 1100
- 1111
- 0111

2) 21 *

1 point

- 10111
- 10001
- 10101
- 11011

3) 46 *

1 point

- 101101
- 101110
- 111000
- 101111

4) 80 *

1 point

- 1010000
- 1000001
- 1010100
- 0101001

5) 50 *

1 point

- 110000
- 010110
- 110010
- 101011

6) 88 *

1 point

- 1011000
- 0100010
- 1011001
- 1011100

7) 66 *

1 point

- 1000011
- 1000010
- 1010110
- 1011011

8) 59 *

1 point

- 111000
- 1100111
- 101000
- 111011

9)34 *

1 point

- 10001
- 10010
- 101100
- 100011

10)18 *

1 point

- 10000
- 10001
- 10010
- 01100

11)41 *

1 point

- 101001
- 101110
- 101100
- 010100

$12)_{35}^*$

1 point

- 110011
- 100011
- 101111
- 100010

$13)_{28}^*$

1 point

- 11110
- 11100
- 00001
- 01010

$14)_{42}^*$

1 point

- 101111
- 100001
- 101010
- 010101

15) 55 *

1 point

- 110111
- 011101
- 101011
- 100011

CONVERT THE BINARY FORM INTO A DECIMAL.
(Questions 16-20)

16) 1010 *

1 point

- 100
- 10
- 1000
- 1

17) 1100 *

1 point

- 10
- 18
- 15
- 12

18) IIIIOIO *

1 point

- 50
- 58
- 98
- 12

19) IIIOOOII *

1 point

- 100
- 99
- 59
- 62

20) IOOIIOOO *

1 point

- 78
- 72
- 80
- 45

21) Maximum repetition of roman letters occur in *

1 point

- 1 items
- 2 items
- 3 items
- Non of the above

Write the Roman code for the following numbers.
(Questions 22-26)

22) 52 *

1 point

- LII
- IIL
- LXI
- XLI

23) 40 *

1 point

- XX
- XL
- LX
- XC

24)90 *

1 point

- CX
- LC
- MX
- XC

25)900 *

1 point

- MC
- CM
- MX
- XM

26)1000 *

1 point

- CX
- DD
- XD
- CC

THANK YOU

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