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Number System Problem – 11

Instructions:

1. Do not discuss with any one while solving the problems
2. Do not use internet while solving the problems
3. Do not use books while solving the problems
4. Do not try to copy from others
5. Do the problems in an easy way.

Hexa Decimal

C

Binary

1	1	0	0

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Digital Electronics Problem – 12

Instructions:

1. Do not discuss with any one while solving the problems
2. Do not use internet while solving the problems
3. Do not use books while solving the problems
4. Do not try to copy from others
5. Do the problems in an easy way.

Hexa Decimal

B

Binary

1	0	1	1

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Digital Electronics Problem – 13

Instructions:

1. Do not discuss with any one while solving the problems
2. Do not use internet while solving the problems
3. Do not use books while solving the problems
4. Do not try to copy from others
5. Do the problems in an easy way.

Hexa Decimal

7	6

Binary

0	1	1	1	0	1	1	0

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Digital Electronics Problem – 14

Instructions:

1. Do not discuss with any one while solving the problems
2. Do not use internet while solving the problems
3. Do not use books while solving the problems
4. Do not try to copy from others
5. Do the problems in an easy way.

Hexa Decimal

5	A

Binary

0	1	0	1	1	0	1	0

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Digital Electronics Problem – 15

Instructions:

1. Do not discuss with any one while solving the problems
2. Do not use internet while solving the problems
3. Do not use books while solving the problems
4. Do not try to copy from others
5. Do the problems in an easy way.

Hexa Decimal

97

Decimal

153

$$=> (9 \times 16) + (7 \times 1)$$
$$=> 146 + 7$$
$$=> 153$$

Digital Electronics Problem – 16

Instructions:

1. Do not discuss with any one while solving the problems
2. Do not use internet while solving the problems
3. Do not use books while solving the problems
4. Do not try to copy from others
5. Do the problems in an easy way.

Hexa Decimal

| 61 |

Decimal

| 97 |

16 | 97
-----
6 - 1

Digital Electronics Problem – 17

Instructions:

1. **Do not discuss with any one while solving the problems**
2. **Do not use internet while solving the problems**
3. **Do not use books while solving the problems**
4. **Do not try to copy from others**
5. **Do the problems in an easy way.**

Hexa Decimal

97

Octal

227

10010111

2 2 7

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Digital Electronics Problem – 18

Instructions:

1. Do not discuss with any one while solving the problems
2. Do not use internet while solving the problems
3. Do not use books while solving the problems
4. Do not try to copy from others
5. Do the problems in an easy way.

Hexa Decimal

3F

Octal

77

00111111

3   F

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Digital Electronics Problem – 19

Instructions:

1. Do not discuss with any one while solving the problems
2. Do not use internet while solving the problems
3. Do not use books while solving the problems
4. Do not try to copy from others
5. Do the problems in an easy way.

Decimal

97

Octal

141

$8 | 97 - 1$

$8 | 12 - 4$

1

Digital Electronics Problem – 20

Instructions:

1. Do not discuss with any one while solving the problems
2. Do not use internet while solving the problems
3. Do not use books while solving the problems
4. Do not try to copy from others
5. Do the problems in an easy way.

Decimal

63

Octal

77

=> (7x 8) + (7x1)

=> 56 + 7

=> 63