

- B. 24
- C. 15
- D. 16
- E. 12

19. If the letters B, O, X, E and R are picked randomly to form a 5-letter word, what is the probability of getting the word BOXER?

- A. $1/4$
- B. $1/5$
- C. $1/24$
- D. $5/120$
- E. $1/120$

20. In a place, every one tells two answers to a question, one of which is correct and the other is always wrong. Assume that your boat is stolen and you questioned three inhabitants and their replies are:

JOHN: I did not do it. Mathew did not do it.

MATTHEW: I did not do it. Krishna did not do it.

KRISHNA: I did not do it. I do not know who did it.

Who is the thief?

- A. JOHN
- B. MATHEW
- C. KRISHNA
- D. None of the above
- E. Data insufficient

21. What is the value of a in the following code snippet, at the end?

```
main()
{
    a = 8; b = 10; a = a ^ b; a = a & b; b = a | b;
}
```

- A. 8
- B. 10
- C. 18
- D. 2
- E. 16

22. In the following C code, what is the output?

```
A. int main()
{
    char chprev = 23;
    char ch = "[0]";
    char chnext = 56;
    printf("%d", ch);
    return 0;
}
```

- A. core dump
- B. 0
- C. 42
- D. undefined value
- E. 23