



INDIAN ENGINEERING  
OLYMPIAD (IEO)

# Indian Engineering Olympiad

Sample Questions for Round 1 (IEO - 2019)

**IEO Round 1 test will be an 30 mins online tests where students can attempt the test from their laptop, Tab, Mobile etc. Student can take the online Test from their Home or any nearby cyber cafe.**

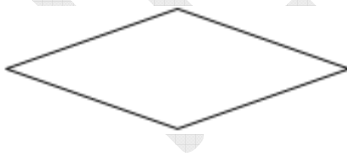
## Computer Science / Information Technology

Q1) What will be the output of the following program?

```
void printNumber (int *ptr) {  
    int b = 2;  
    ptr = &b;  
    cout << *ptr << " ";  
}  
void main() {  
    int a = 51, *ptr = &a;  
    printNumber(&a);  
    cout << *ptr << " ";  
}
```

- A) 51 2
- B) 2 51
- C) 2 2
- D) 51 51

Q2) The following box denotes



- A) Decision
- B) Initiation
- C) Initialization
- D) I/O

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### General Aptitude

1. When 0.26 is written in the simplest fractional form, the sum of the numerator and the denominator is:  
(A) 73                      (B) 43                      (C) 63                      (D) None of these
2. Two alarm clocks ring their alarms at regular intervals of 40 seconds and 44 seconds respectively. If they first beep together at 1 PM, at what time will they beep again together?  
(A) 3 minutes 20 seconds past 1  
(B) 12 minutes 44 seconds past 1  
(C) 1:07 p.m.  
(D) 7 minutes 20 seconds past 1

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