

# Aptitude Test - S2R

\* Required

Name of the Applicant \*

Name of the College \*

College Roll No. \*

## TEST INSTRUCTIONS

(1) There are 5 questions in Aptitude Test (2) You need to attempt all the 5 questions (3) The total duration to complete the test is 10 mins.

### Question - 1

There are 100 people in a village. 20 of them are cancer patients. There is a cancer detecting machine which is correct 80% times. 1 person among them gets himself tested with this machine. His test proves to be positive. What is the probability that he has cancer?

- ☐ 0.03668
- ☐ 0.5
- ☐ 0.80
- ☐ 0.2

### Question - 2

In a movie, Gabbar has a fully loaded revolver with 6 bullets per round and 3 people on trial. To show his style, he fires 3 shots in the air and randomly revolves the round. He fires first 2 on two people but both shots turn out to be blanks. The third person, Kaalia is next to be fired upon. What is the probability that he will also escape, given that the first two have escaped?

- ☐ 1/2
- ☐ 1/3
- ☐ 1/6
- ☐ 1/12

### Question - 3

A four digit number is such that 1. All digits are distinct. 2. First digit is 1.5 times the last digit 3. Number formed by first two is half of that formed by last two 4. Difference between middle two digits is 1

What is the first digit?

- ☐ 3
- ☐ 6
- ☐ 9
- ☐ 4

**Question - 4**

**Find the wrong term in the given series**

5, 26, 61, 122, 213, 340, 509

- ☐ 340
- ☐ 213
- ☐ 122
- ☐ 26

**Question - 5**

Two distinct numbers are randomly taken from the set  $X = \{1, 2, 3, 4, 5, 6\}$ . What is the probability that the minimum among them is less than 4?

- ☐ 4/15
- ☐ 1/5
- ☐ 4/5
- ☐ 11/15

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