Quantitative Aptitude

1. The LCM of two numbers is 2900% more than their HCF and sum of LCM and HCF of two number is 310. If one of the number is 20, find the other number?

Ans. 150.

2. In 40 L mixture of milk and water, the ratio of milk to water is 7:1. In order to make the ratio of milk and water 3:1, the quantity of water (in liters) that should be added to the mixture will be

Ans. 6 2/3.

3. Three persons walk from place A to place B. their speed are in the ratio 4 : 3 : 5. The ratio of the times taken by them to reach B will be

Ans. 15:20:12.

4. The average age of a woman and her daughter is 21 yr. The ratio of their ages is 5 : 1 respectively. What will be the ratio of their ages after 5 yr?

Ans. 10 : 3.

5. Find the value of for which the distance between the points and is 10 units.

Ans. -9,3.

General Awareness

- Bodo Tribes are in which state?
• From where do plants get energy?
• Highest grosser Hollywood movie?
• How much is the biological oxygen demand?
• In BOD5, what is 5? – Biochemical Oxygen Demand
• Kanha is famous for which endangered species of deer
• Newtons third law
• Process of making curd from milk
• Seismology is discovered by whom?
• What do you mean by displacement?
• When did first world war start?
• Which catalyst is used to make milk from curd
• Which is the longest day in northern hemisphere?
• Which state has maximum number of forests?
• Which Vitamin helps in clotting of blood?
• Who given oath to governor
• Who invented seismograph
• Who is the author of Prithivi Raj Raso?
• Bibi ka Maqbara was built by?
• Who won the Oscar for Best Supporting actress?

**General Intelligence**

1. In each of the following questions, select the related letter/word/number from the given alternatives.

BEHK : PSVY : : ADGJ : ?

Ans. MPSV.

2. In each of the following questions, select the related word/letters /number from the given alternatives.
49 : 216 : : 36 : ?

Ans. 125.

3. There are five friends-Satish, Kishore, Mohan, Anil and Rajesh. Mohan is the tallest. Satish is shorter than Kishore but taller than Rajesh. Anil is little shorter than Kishore but little taller than Satish. Who is taller than Rajesh but shorter than Anil?

Ans. Satish.

4. From the given alternative words, select the words which cannot be formed using the letters of the given word.
   INCONVENIENCE?

Ans. CONSCIENCE.

5. If DEAN is written as NOKX, how NEED be written in that code?

Ans. XOON.

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**English**

1. America was _________ by Columbus.

Ans. discovered.

2. He shows great ability _________ Mathematics.

Ans. In.
3. The boys ______whom I was playing are all my good friends.
   Ans. with.

4. ____________ can be no excuses this time, students.
   Ans. There.

5. Octopuses are mostly shy and _____ harmless to human beings.
   Ans. Generally.