

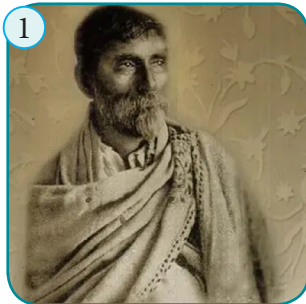
ROUND ABOUT

Worksheet - XII

Name: Class: Roll No.:

A. Fill in the blanks with the names of some great scientist after knowing their contribution to science.

Pick-up point- Subrahmanyam Chandrasekhar, Prasanta Chandra Mahalanabis, Srinivasa Ramanujan, Prafulla Chandra Roy, Har Gobind Khorana, S.S. Abhyankar



He was a famous academician and chemist, known for being the founder of Bengal Chemicals and Pharmaceuticals, India's first pharmaceutical company.

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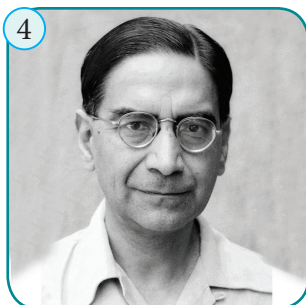
He was a well known mathematician. He brought mathematical analysis to the number theory of infinite series and continued fractions.

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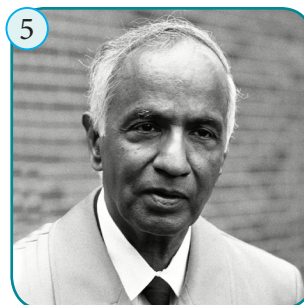
He was a biochemist who won the Nobel prize in 1968, for demonstrating how the nucleotides in nucleic acids control the synthesis of proteins.

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He was a famous statistician and physicist who founded the India Statistical Institute.

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A famous astrophysicist who won the Nobel prize in 1983 for his research on the evolutionary stages of massive stars.

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A mathematician, famous for his outstanding contribution to algebraic geometry.

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B. Tap your brain to find out the answers to some of these accidental inventions.

Pick-up point- Percy Spencer, Madam Curie, Cornflakes, Teflon, Good Year Tyre



Q.1: What was invented when Keith Kellogg baked the flaky dough?
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Q. 2: Who accidently invented microwave?
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Q. 3: Name the scientist who invented radioactivity?
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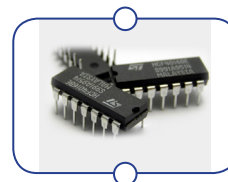
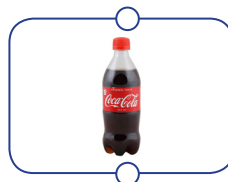
Q. 4: Name the rubber company named after its inventors name?
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Q. 5: Name the non-reactive and non-stick chemical?
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C. Read the information given below and match it correctly by looking at the given picture.

1 **Ink-jet Printer:** By an accident, a cannon engineer rested his hot-iron on the pen. The ink was ejected from the pen's point after a few moments. This led to the invention of ink-jet printer.

2 **Artificial Sweetener:** A chemist named Constantin Fehlbeg in 1879, after a long day of working with coal-tar, came home to have dinner with his family without washing hands. As he was eating his meal, he noticed that whatever he put in his mouth had a sweet taste.



3 **Coca-Cola:** Johan Pemberton just wanted to cure headaches. A pharmacist by profession, he used two main ingredients in his hopeful headache cure- coca leaves and cola nuts. When the two ingredients were accidentally mixed with carbonated water by his lab assistant, coke was the result. It is a famous soft drink world-wide now.

4 **Smart Dust:** Once a chemistry graduate student named Jamie link was working on a silicon at US California. Suddenly, the chip was exhausted and she discovered that the tiny bits of chip were still working and giving signals, operating as tiny sensors. They created the term 'smart dust' for the small self-assembling particles.