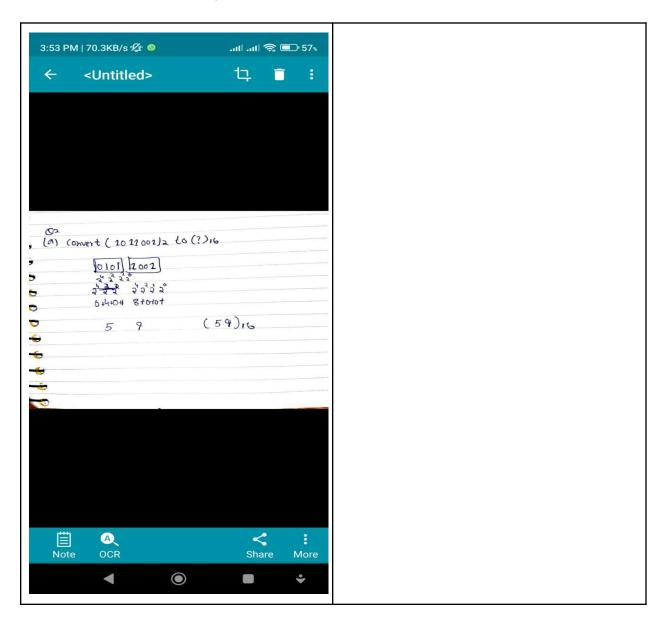
## Q1. Name any two ICT technologies and write their brief description.

- 1. Al (Artificial Intelligence): Al involves creating computer systems that mimic human intelligence for tasks like problem-solving and image recognition.
- 2. IoT (Internet of Things) is a network of connected devices with sensors that collect and share data for automation and monitoring in various applications.

## Q2. Give step by step solution

a) Convert (1011001)<sub>2</sub> to (?)<sub>16</sub>



b) (101.670)<sub>8</sub> to (?)<sub>2</sub>

















(b) (201.670) 8 to (7)

& to (101.670) 8

= 001000001.110111000

=> 100,0001.110111000

A