

INTRODUCTION TO ICT - CHAPTER 7

1. Mention any three ICT tools that are used in day-to-day life.

Mobile Phones, Television and Newspaper are the ICT tools that are used in day to day life.

2. How is ICT used in the field of Health Care?

In Health Care ICT helps in hospital management and administration. It helps the doctors and nurses to diagnose, treat, and monitor patients.

For public or common people, one can search and learn about various diseases, their symptoms, cures and precautionary measures on the internet.

In the pharmaceutical sector ICT is very useful in developing cutting edge research and manufacturing.

3. What is the role of ICT in various workplaces?

The following are the various uses of ICT in workplaces.

1. **Communication:** ICT facilitates instant communication through email, messaging apps, video conferencing, and VoIP (Voice over Internet Protocol) systems, enabling employees to collaborate regardless of location.
2. **Education:** ICT enables online learning and training through learning management systems (LMS), virtual classrooms, webinars, and interactive multimedia content, allowing employees to develop skills and knowledge remotely.
3. **Mining:** ICT tools such as Geographic Information Systems (GIS), 3D modeling software, and simulation tools are used for mine planning, design, and optimization. These tools enable miners to visualize geological data, plan mining activities, and optimize resource extraction while minimizing environmental impact.
4. **Automotive Industry:** ICT tools such as computer-aided design (CAD) and simulation software enable automotive engineers to design and test vehicle components and systems virtually before physical prototypes are built. This allows for the identification and

correction of safety-related issues early in the design process, reducing the risk of safety recalls or accidents.

5. **Financial and Public Sectors:** ICT systems manage and store vast amounts of data, including customer information, financial records, and operational data, using databases, cloud storage, and enterprise resource planning (ERP) systems.
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