

A. Examples of IT Use in Teacher Practices

Teacher Practice	Example
Classroom content transaction	Using interactive whiteboards or smartboards for real-time teaching.
Assessment of students	Conducting online quizzes using Google Forms or Kahoot.
Library management	Use of digital catalog systems like Koha for searching and issuing books.
Student record management	Maintaining records through Student Information Systems (SIS) like Fedena.

B. Short Answer Questions (About 50 Words Each)

1. What do you understand by the term IT and ITes?

IT refers to Information Technology, involving the use of systems for storing, retrieving, and sending information. ITes (Information Technology-enabled Services) include services like BPO, KPO, and customer support that use IT to improve efficiency and deliver value-added services.

2. What are the pros and cons of using ICT?

Pros include improved communication, access to information, and efficient services. Cons may involve data security risks, dependency on technology, and digital divide issues among users.

3. What precautions are required to ensure that ICT use is safe?

Use strong passwords, update software regularly, avoid sharing personal data online, and use antivirus software. Educating users on cyber safety is also crucial to ensure secure ICT usage.

4. What are the four main sub-sectors in the IT-BPM industry?

The main sub-sectors are BPO (Business Process Outsourcing), KPO (Knowledge Process Outsourcing), LPO (Legal Process Outsourcing), and IT services such as software development and support.

5. Give examples of use of IT in everyday life.

IT is used in online shopping, digital banking, mobile apps for communication, e-learning platforms, and GPS navigation systems. It simplifies tasks and increases convenience in daily life.

6. How is IT used in libraries?

IT helps in managing books through digital cataloging, issuing and returning books using barcodes, and offering access to e-books and digital journals via online platforms.

7. What are the various processes of education where IT is used?

IT is used in lesson planning, online learning platforms (like Moodle), digital assessments, virtual classrooms, and interactive content delivery, enhancing the overall teaching-learning experience.

8. Which software are used in digital communication?

Common software includes Zoom, Microsoft Teams, WhatsApp, Skype, and email platforms like Gmail. These tools enable real-time communication, file sharing, and collaboration globally.

9. For what purpose is IT used in business?

IT is used for data management, online marketing, customer relationship management (CRM), inventory control, and e-commerce operations. It boosts productivity and decision-making in businesses.

10. Which are the prominent areas where IT is used in science and engineering?

IT supports, CAD (Computer-Aided Design), CAM (Computer Aided Manufacturing) simulating Testing and data analysis, robotics, automation, and research documentation. It enhances innovation and precision in scientific and engineering work.

11. List the various uses of IT in a banking system.

IT enables internet banking, ATM services, mobile banking apps, online fund transfers, and customer data management, making banking services faster, secure, and user-friendly.

12. Which are the different areas of healthcare where IT is used? And how?

IT is used in electronic health records (EHR), telemedicine, patient monitoring systems, and hospital management software. It improves diagnosis, treatment, and patient care efficiency.

13. List any 5 websites of the Indian government which provide IT enabled services to the people.

1. www.india.gov.in
2. www.irctc.co.in
3. www.uidai.gov.in
4. www.incometax.gov.in
5. www.nvsp.in