

University of Sargodha

BS 1st Term Examination 2016

Subject: I.T

Paper: introduction to ICT (IT-2021)

Time Allowed: 2:30 Hours

Maximum Marks: 60

Objective Part- Compulsory

Q.1 Answer the following questions briefly.

2*12=24

- ✓ 1. Define Ring Topology, state it with diagram.
2. Differentiate between Domain & IP
3. Define GUI and CLI with example
- ✓ 4. Differentiate between Super Computers and Mainframe Computers.
- ✓ 5. What is Hard-Disk and Flash Memory
6. Define Electrically Erasable ROM and Electronically Erasable ROM
- ✓ 7. What is the difference between Operating System and Utility Programs?
- ✓ 8. Define Spyware and Adware
9. Differentiate between Domain Name Server (DNS) and Top Level Domain (TLD)
- ✓ 10. What is Phishing Filter
11. How a sector is different from track of a Hard disk?
12. What is stored in Program Control Register?

Subjective Part

Attempt any three questions.

3*12=36

- ✓ Q.2. Define Operating System, Explain its types, also discuss seven steps for booting.
- Q.3. Define Networks, Explain its types and also discuss network protocols.
- Q.4. What are Computer Security Risks? Explain different types of internet and networks attacks. Also mentions its safety precautions.
- ✓ Q.5. Define Database, what are the differences between Relational, Object Oriented, Multidimensional and Web Databases? Also write disadvantages of Traditional File Processing Systems.
- Q.6. Differentiate between application and system software. Explain System Software and Utility Programs in detail.