

University of Sargodha

BS 1st Term Examination 2018.

Subject: Computer Sc./Software Engineering/Information Technology

Paper: Introduction to Information & Communication Technology (ICT-2021)

Time Allowed: 2:30 Hours

Maximum Marks: 60

(New Scheme)

Note: Objective part is compulsory. Attempt any three questions from subjective part.

Objective Part (Compulsory)

- Q.1.** Write short answers of the following in 2-3 lines each. (2*12)
- How might you evaluate the accuracy of a Web site?
 - How do Web sites benefit individuals' health care?
 - What are the components of a web address??
 - What types of media might a person use to enhance a presentation?
 - What are the types of application software used in communications?
 - How do program instructions transfer in and out of memory?
 - What are two types of designs of Tablet PCs?
 - What are the various types of pen input, and what are other types of input for smart phones?
 - What are two types of wireless printing technology?
 - What is audio resolution, and what are three examples of audio resolutions?
 - What is the purpose of network attached storage devices?
 - What is one difference between microfilm and microfiche?

Subjective Part (3*12)

- Q.2.** Describe four embedded operating systems. What are the uses for each of the four types?
- Q.3.** What are various network communications standards? Provide detailed answer.
- Q.4.** What are characteristics of relational, object-oriented, and multidimensional databases?
- Q.5.** What are the characteristics of a user interface? And what are the key features of widely used graphics and multimedia programs?
- Q.6.** Write short note on following:
- Touch sensitive pads
 - Mobile Printers
 - Virtual Reality