University of Sargodha

BS 1st Term Examination 2015

Subject: Software Engineer   **Paper: Introduction to ICT**

Time Allowed: 2:30 Hours

Maximum Marks: 60

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

Objective Part   (Compulsory)

Q.1.   Write short answer of following questions in 2-4 lines only.   (12*2)

i. Differentiate between data and information?

ii. Discuss the disadvantages that users experience when working with computers?

iii. Name different types of web application?

iv. Differentiate between usage & working of chat rooms & instant messaging?

v. Describe and draw the four steps in a machine cycle?

vi. Distinguish between system software and application software?

vii. Describe the types of e-commerce?

viii. How the Access time of a storage Device can be calculated?

ix. Name the application of Magnetic Stripe?

x. What are the Advantages of Cloud Storage? (3

xi. What Is Meant by Field, Record, and File in DBMS?

xii. Differentiate between Closed Source and Open Source Operating Systems?

Subjective Part   (3*12)

Q.2.   a) Discuss different categories of Applications Softwares?

b) What are the different types of computers with respect to their size, speed, processing power, and price?

Q.3.   What is a pointing device. Discuss their different types?

Q.4.   a) What is pipelining?

b) What is RAM? Differentiate its types?

Q.5.   a) What are ISP? Differentiate its types?

b) Differentiate between LAN, MAN, WAN with their applications?

Q.6.   a) State Qualities of valuable information saved in DBMS

b) What are Computer Virus? How they are detected and removed?