



UNIVERSITY OF THE PUNJAB

B.S. 4 Years Program / First Semester – Spring 2022

Paper: Introduction to Computers

Course Code: COMP-103

Roll No.

Time: 3 Hrs.

Marks: 60

THE ANSWERS MUST BE ATTEMPTED ON THE ANSWER SHEET PROVIDED

Q.1. Answer the following short questions:

(15x2=30)

- 1) What is a cache memory? How it is different from a primary memory?
- 2) What are the types of computers?
- 3) What are the components of the computer system?
- 4) Define Internet.
- 5) What are the main functions of input unit?
- 6) What are two advantages of computer network?
- 7) What are the different usages of Internet?
- 8) Identify which is input and which is output device (keyboard, multimedia projector, mouse, plotter, digital camera, web camera).
- 9) What are nested functions in MS Excel?
- 10) List down five programming languages used for development.
- 11) What are the main functions of output unit?
- 12) Define operating system.
- 13) Define RAM and its usage.
- 14) What is the result of the output given by computer?
- 15) Which type of software is Windows 10?

Q.2. Answer the following questions.

(3x10=30)

- 1) What is table of contents in MS-Word? Write steps of creating and formatting table of contents in MS-Word.
- 2) Draw a block diagram to illustrate the basic organization of computer components and also highlight each component. Explain each component separately.
- 3) Consider the following example of MS-Excel. Answer the following questions:

	A	B	C	D	E	F	G
1	ABC Pharmacy, Lahore						
2	S. No	Branch_Name	Sale January	Sale Feburary	Sale March	Sale April	Total Sale
3	1	Johar Town	12000	12000	15000	15000	
4	2	Model Town	10000	15000	15000	15000	
5	3	Muslim Town	12000	12000	15000	15000	
6	4	Wapda Town	10000	15000	15000	15000	
7	5	DHA	25000	25000	32000	18000	
8							
9						Total	

- a) Write only a formula to compute sale of each branch (keep in mind cell addresses).
- b) Write only a formula to computer total sale for all branches (keep in mind cell addresses).