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**BAHAWALNAGAR CAMPUS**

**DEPARTMENT OF APPLIED PSYCHOLOGY**

**BS 2nd Semester (M) Introduction to computer**

**Instructor Abid Hussain Class Room 4**

**Class days Thursday and Friday Class Timing: 2:00 Noon TO 03:30 PM (Thursday)**

**12:30 AM TO 02:00 PM (Friday)**

**Course Outline**

**Course Objective:**

The objectives of this course are following:

1. To understand the concept of basic elements of computer.
2. To comprehend the different Functionality of computer.
3. To realize expertise of different application of computer.

**Teaching Methodology:**

1. The class will be conducted in a lecture & discussion as well as Practical Environment where the class Instructor will lead the discussions, and students will be encouraged to participate and ask questions at the end of each class session.
2. Students will be expected to read assignments in advance. This will be tested through quizzes, which may proceed any class session.

**Course Contents;**

**Weeks Sessions Topics**

1 1 Computer History, Generation and its Types

2 Computer Languages and it translators

2 3 Components of Computers

4 Functionality of CPU

3 5 Peripheral of Computers

6 Kinds and Functionality of Computer Storage

4 7 Devolving of Software

8 Computer languages and languages translator

5 9 Operating System and its Types

10 Role of Operation System in Computer Hardware

6 11 Computer Security Threats

12 Social Implication of Computing

7 13 Computer Networks and its Features

14 Internet and Its Features

8 15 Web Browser

16 Search Engine and Email

MID TERM

9 17 Number system

18 Operation on Binary Number System

10 19 Introduction to Boolean algebra

20 Logic Gates

11 21 Application Software

22 Introduction to MS Words and its Features

12 23 Practical Work on MS Words

24 Practical Work on MS Words

13 25 Introduction to MS Excel and its Features

26 LAB Activity of MS Excel

14 27 Introduction to MS PowerPoint and its Features 28 LAB Activity on MS PowerPoint

15 29 Problem Solving and Algorithms

30 Practices about Algorithms

16 31 Future of Computing

32 Overview of course of Contents

FINAL TERM

**Testing and Grading:**

1. Learning will be accomplished through lecture, class exercises and student participation in the class discussion and presentations.
2. Grading will tend to focus on your overall performance rather than one or two aspects. A midterm examination and a comprehensive final examination will be given.
3. Another portion of the course grade will include the discussion/attendance grade, quizzes, and other assignments.
4. The mid-term examination will be graded for 30 points and the final examination will have a value of 50 points.
5. Excessive absences(more than 03) will result in “F Grade”
6. Test Questions may be taken from text book readings, hypertext material discussed in class and other assigned readings.
7. Students may prepare notebooks for taking notes and for references.

**Marks Distribution:**

Sessional 20

Mid Term 30

Final Exam 50

Total 100