PARUL UNIVERSITY
FACULTY OF APPLIED SCIENCE
B.Sc. Summer 2017-18 Examination

Semester: 2	**Date: 09/05/2018**
Subject Code: 11100152	**Time: 10:30 am to 1:00 pm**
Subject Name: Advanced Computer Applications and Architecture	**Total Marks: 60**

Instructions:

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Start new question on new page.

Q.1. A) **Answer the following questions.** *(4x2)* **(Each of 04 marks)**   **(08)**
    (a) Explain monitor with figure.
    (b) What is Computer? Write down advantages & disadvantages of computer.

Q.1. B) **Answer the following questions.** *(Any two)*
    (a) Do as directed.
        1. Explain Computer Graphics.   **(02)**
        2. Explain slide show in power point.   **(02)**
    (b) Explain key board with figure.   **(04)**
    (c) List out different types of computer & explain in detail.   **(04)**

Q.2. A) **Answer the following questions.**
    (a) Do as directed.
        1. What is Web Browser? List out any two web browser.   **(02)**
        2. Explain term Database. Give any two examples of database.   **(02)**
    (b) Write down a C program to perform addition of two numbers.   **(04)**

Q.2. B) **Answer the following questions.** *(Any two)*
    (a) Do as directed.
        1. Printer is an input device. *(True/False)*   **(01)**
        2. EU stands for _____.   **(01)**
        3. C is a _____.   **(01)**
    (b) Write down a C program to check given number is odd or even.   **(03)**
    (c) Explain steps for starting a computer.   **(03)**

Q.3. A) **Answer the following questions.** *(4x2)* **(Each of 04 marks)**   **(08)**
    1. Explain modem in detail.
    2. Write down steps for un-installing software in windows.

Q.3. B) **Answer the following questions** *(Any two)*
    (a) Do as directed. *(2x2)* **(Each of 02 marks)**   **(04)**
        1. Explain term Boot Up.
        2. What is OS? Give two examples of OS.
    (b) Write down features of C language.   **(04)**
    (c) Explain term printer. Explain any one printer in detail.   **(04)**

Q.4. A) **Answer the following questions.**
    (a) Do as directed. *(2x2)* **(Each of 02 marks)**   **(04)**
        1. What is Algorithm?
        2. What is the use of Interpreter?
    (b) Write down tips for maintenance of computer.   **(04)**

Q.4. B) **Answer the following questions** *(Any two)*
    (a) Do as directed. **(Each of 01 marks)**   **(03)**
        1. What is Computer Hardware?
        2. What is Computer Software?
        3. ROM stands for _____.
    (b) List down different generations of computer. & explain any one in detail. **(03)**
    (c) Write a short note on CPU.   **(03)**