4586

B.A. Prog. / III   **AS**
(A)
APPLICATION COURSE

COMPUTER APPLICATIONS

(Admissions of 2004 onwards)

Time : 2 hours   *Maximum Marks* : 55

(Write your Roll No. on the top immediately
on receipt of this question paper.)

Attempt all questions.

Marks are indicated against each question.

1. (a) What are the different parts of CPU? Explain their functions.   3

   (b) Write any *four* applications of computer in the field of medicine and health care.   2

2. (a) Differentiate between SIMM and DIMM.   2

   (b) Write a short note on Network Interface Card.
                                                   2

   (c) Name *two* devices that can be connected to serial port.   1

   (d) Write a short note on cache memory. Explain its categories.   3

                                            P. T. O.

3. (a) What is bandwidth? Explain its *three* different categories.   2

   (b) What do you understand by analog signal? Explain its characteristics.   4

   (c) Write a short note on broadband transmission media.   2

   (d) Write a short note on mesh topology.   2

4. (a) What are basic requirements of getting connected to internet?   2

   (b) What is a browser? Explain *two* types of browsers.

                                                      3

   (c) Write a short note on FTP.   2

   (d) What do you understand by hypertext?   1

5. (a) What is a database? What is the role of DBA? 4

   (b) Differentiate between data and information with the help of an example.   2

   (c) Explain the concept of foreign key with the help of an example.   2

   (d) What is data dictionary?   2

   (e) Consider the table Student:

       Student (Roll_no, Name, Course_name, Batch)

       Write the SQL queries for the following:

(*i*) Find Roll_no, Name for all students who are enrolled in course "B.Comm.".

(*ii*) Find Roll_no, Name, Course_name of all students sorted in descending order of their names. **4**

6. (*a*) How are With and End With statements used? Give an example. **3**

   (*b*) What are the default properties of label, text box, check box and command button? **2**

   (*c*) Differentiate between 'Do' loop and 'While' loop. Explain with example. **2**

   (*d*) What will be the result of following calculations using the order of precedence? Assume that $x=12, y=7, z=3$.

   (*i*) $Y \wedge X + Z * 2/6$

   (*ii*) $6 * Y/X + Y * 3$ **3**