

**2010**

*Time : 3 hours*

*Full Marks : 80*

*Candidates are required to give their answers in  
their own words as far as practicable.*

*The figures in the margin indicate full marks.*

*Answer from both the Groups as directed.*

**Group – A**

**(Compulsory)**

1. Choose the correct answer of the following :

2×10 = 20

(a) Microsoft Office 97 includes the following :

- (i) Word 97
- (ii) Outlook 97
- (iii) Excel 97



- (iv) All of the above
- (b) Which of the following is not a tool for analyzing spreadsheet data ?
  - (i) What-if analysis
  - (ii) Mail Merge
  - (iii) Goal seeking
  - (iv) Sorting
- (c) Which one is an e-mail address ?
  - (i) <http://vianet.com/index.htm>
  - (ii) D:\Email\Standard
  - (iii) [joesmart@billme.com](mailto:joesmart@billme.com)
  - (iv) [Chaminade.org/teachers/mail](http://Chaminade.org/teachers/mail) addresses
- (d) In a spreadsheet, a statement that performs a calculation is called a(n) :
  - (i) Formula
  - (ii) Reference
  - (iii) Argument
  - (iv) Parameter



(e) The connection between the computers and peripherals is called a :

- (i) Port
- (ii) Bus
- (iii) I / O device
- (iv) None of the above

(f) Baud rate is :

- (i) The difference between the lowest and the highest frequency transmitted
- (ii) Transmission capacity
- (iii) Transmission speed of channel
- (iv) None of the above

(g) Which of the following charts is not likely to be included in an analysis or presentation graphics package ?

- (i) Bar
- (ii) Pie
- (iii) Temperature
- (iv) Line



(h) Which one of the following statement is true about Access table ?

(i) A database may contain more than one table.

(ii) There can be more than one primary key in an access table.

(iii) A database contains only one table.

(iv) Access table cannot store images.

(i) Which one of the following boxes is not present in the mail window of a website ?

(i) To

(ii) CC

(iii) Content

(iv) Subject

(j) The internet is owned by :

(i) The US government

(ii) A consortium of telecommunication companies.

(iii) The IETF

(iv) None of the above



### Group – B

Answer any **four** questions :  $15 \times 4 = 60$

2. What is the difference between Embedded Charts and Chart Sheet ? What are Legends and how to add on the chart ?
3. In Excel, we have three functions named a ROUND(), ROUNDDOWN(), ROUNDUP() ; how these are different ? Explain with examples.
4. What is networking ? Give the name of the essential hardware and software used for networking.
5. Explain a typical structure of URL. Also distinguish between internet and World Wide Web.
6. Give the difference between E-Mail and Instant Message. Also explain the various features of each of them.
7. Write step – by – step process to create E-Mail account in MS Outlook Express.



8. List down all the features supported by spread sheet application software.
9. Explain any five of the following functions of MS – Excel with example of each :
  - (a) SUM()
  - (b) COUNT()
  - (c) AVERAGE()
  - (d) IF()
  - (e) NOW()
  - (f) ABS()
  - (g) UPPER()
  - (h) VAL()
10. There is a table named "PEOPLE" that has four columns : COUNTRY, CONTINENT, AREA and POPULATION. The first two columns are VARCHAR2 types and the last two columns are NUMBER types. Now write the appropriate SQL Queries for the following :
  - (a) List the countries that have at least 5,00,000 peoples and show country and population only.



- (b) Identify the countries, which have name including the word "UNITED".
- (c) List each country name where the population is larger than "UNITED KINGDOM".
- (d) For each continent, show the number of countries with populations of at least 10 million.
- (e) List the continents with total populations of at least 100 million.

