1. Explain each of the following terms as used in computer security:
   (a) trespass; (2 marks)

   (b) cracking. (2 marks)

2. (a) state the function of each of the following features in a word processor:

      (i) thesaurus; (1 mark)

      (ii) format painter. (1 mark)

   (b) With the aid of an example, explain *absolute reference* as used in spreadsheet programs. (2 marks)

3. Purity had the following errors displayed in different cells when working on a worksheet. Explain the cause of each of the errors and a possible solution.

   (a) ##### (2 marks)

   (b) #REF! (2 marks)

4. Distinguish between *slide master* and *notes page* as used in presentation programs. (4 marks)

5. (a) Figure 1 shows different icons of a presentation program window. Identify each of the icons labeled (i), (ii), (iii) and (iv). (2 marks)
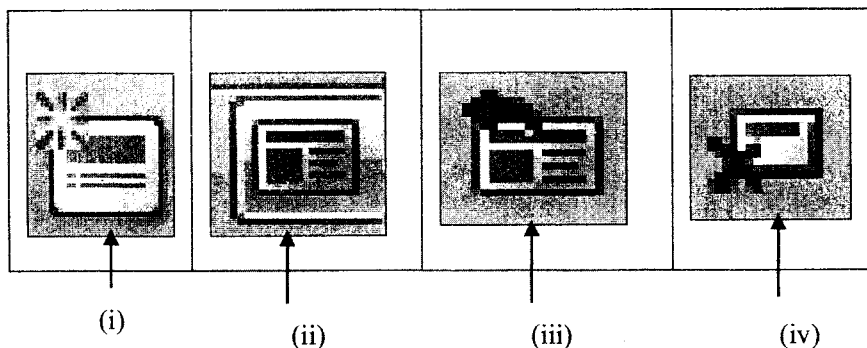

       (i)   (ii)   (iii)   (iv)

Figure 1

   (b) Peter, an IT specialist at Sisma Company intends to purchase word processing software for the company. Outline **two** factors that he should consider. (2 marks)

6. (a) Explain the term *hyperlink* as used in Internet application programs. (2 marks)

   (b) State the function of each of the following field properties as applied in database programs:

      (i) input mask; (1 mark)

      (ii) required. (1 mark)

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7. (a) Outline **four** features of the graphical user interface as used in computer systems. (2 marks)

    (b) Irene applied the following criteria in a query.

        (i)   #18/04/1998#;

        (ii) < date () – 12.

        Describe the expected output for each of the criteria in (i) and (ii) (2 marks)

8. With the aid of a diagram in each case, explain the following types of database models:

    (a) hierarchical; (2 marks)

    (b) network. (2 marks)

9. Explain the circumstance under which each of the following data types would be most appropriate in a database program:

    (a) auto number; (2 marks)

    (b) memo. (2 marks)

10. With the aid of an example in each case, explain the following terms as used in Internet programs:

    (a) Internet Service Provider; (2 marks)

    (b) web browser. (2 marks)

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