

Total number of printed pages—3

47 (2) COAP 2-5

2014

COMPUTER APPLICATIONS

Paper : 2-5

Full Marks : 80

Time : Three hours

The figures in the margin indicate full marks for the questions.

1. Answer the following questions : $1 \times 5 = 5$
- (a) What is a database ?
 - (b) Give an example of a popular system model.
 - (c) Define the term 'entity'.
 - (d) What is a VB project ?
 - (e) Name the control used in an Visual Basic Application to enter data.

Contd.

2. Answer the following questions : $2 \times 5 = 10$

- (a) What is Windows Programming ?
- (b) What is a menu in VB ?
- (c) Define Primary Key with suitable example.
- (d) What is system analysis ?
- (e) What do you mean by Graphic Device Interface ?

3. Answer **any two** of the following questions : $5 \times 2 = 10$

- (a) What is Sorting ? Explain with example.
- (b) Briefly discuss the role of Cost-benefit analysis in system development.
- (c) Briefly discuss the different elements of VB IDE.

4. Answer **any two** of the following questions :

- (a) What do you mean by DBMS ? Discuss the advantages and disadvantages of DBMS. $2 + 8 = 10$
- (b) What is feasibility analysis ? Briefly discuss the different types of feasibility study. $2 + 8 = 10$

(c) What is E-R Model ? Explain with suitable example. 10

5. Answer **any two** of the following questions :

- (a) Briefly explain the various features of Visual Basic. 10
- (b) What do you mean by variables and data types ? Mention the use of **any four** data types used in VB. $4 + 6 = 10$
- (c) Discuss about **any two** application areas of computer. 10

6. Write short notes of the following : (**any three**) $5 \times 3 = 15$

- (a) ActiveX control
- (b) GUI
- (c) Waterfall Model
- (d) Payback Period.