Name :	- A
Roll No. :	A Dear y Consider Ind Colder

Invigilator's Signature : .....

# CS/BCA/SEM-1/BCA-102/2012-13 2012

## **BUSINESS SYSTEM & APPLICATION**

Time Allotted : 3 Hours

Full Marks: 70

The figures in the margin indicate full marks. Candidates are required to give their answers in their own words as far as practicable.

## **GROUP** – A ( Multiple Choice Type Questions )

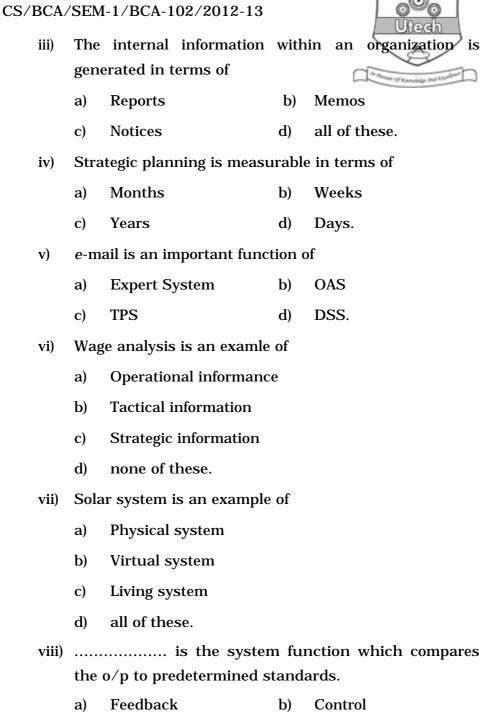
1. Choose the correct alternatives for the following :

 $10 \times 1 = 10$ 

- i) EDI stands for
  - a) Electronic Data Interchange
  - b) Electronic Device Interchange
  - c) Electronic Data and Informance
  - d) none of these.
- ii) Online retail is sometimes known as
  - a) e-retail b) e-tail
  - c) conferencing d) all of these.

1157

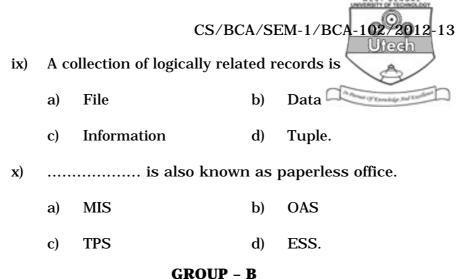
[ Turn over



is

d) none of these. c) System boundary

1157



#### GROUP – B ( Short Answer Type Questions )

Answer any *three* of the following.  $3 \times 5 = 15$ 

- 2. What are the basic differences between data, information and knowledge ?
- 3. Describe the Role of Artificial Intelligence and Expert system in business.
- 4. Explain the concept of data mining & Data warehousing.
- 5. Mention three functions of transaction processing.
- 6. Describe various network topologies.

### **GROUP – C** ( Long Answer Type Questions ) Answer any *three* of the following.

- Answer any three of the following. $3 \times 15 = 45$ 7. Explain the following with their advantages and<br/>disadvantages :5 + 5 + 5
  - a) Waterfall model
  - b) Spiral model
  - c) Prototype model.

1157

[ Turn over

#### CS/BCA/SEM-1/BCA-102/2012-13

8. Differentiate between ERP and BPR. What is knowledge Management? Write the steps of knowledge management.

5 + 3 + 7

- 9. What are the basic elements of IT infrastructure ? What IT resources are required to generate information ? Define MIS and discuss its objectives. Where do you conduct Cost Benefit analysis in an SDLC ? 2 + 2 + 6 + 5
- 10. Differentiate between OLTP and OLAP. Differentiate between LAN and WAN. What is end user computing ? Why is end-user computing necessary ? 5 + 5 + 2 + 3
- 11. What is transaction processing system ? Explain the merits and demerits of batch processing system. Explain different types of decision making phases. 2 + 5 + 4 + 4

1157