

**G.V.M.S. G.G.P.R. College of Commerce and Economics  
Farmagudi, Ponda-Goa.**

**B.C.A. (Semester III) Intra Semester Assessment (ISA)(test I), July 2017**

**COMMUNICATION SKILLS**

Duration: 45 minutes

Marks:15

---

Answer any three questions.

(5\*3=15)

1. Explain the concept of encoding and decoding.
2. Explain the process of two way communication.
3. What is the importance of communication in business?
4. Explain horizontal communication.
5. Explain how to achieve effective communication.

\*\*\*\*\*

**G.V.M.S. G.G.P.R. College of Commerce and Economics  
Farmagudi, Ponda-Goa.**

**B.C.A. (Semester III) Intra Semester Assessment (ISA)(test I), July 2017**

**INTRODUCTION TO ECONOMICS**

**Duration: 45 minutes**

**Marks:15**

---

Q. 1) Answer the following:

- 1) Define Economics. (1 mk)
- 2) Define Elasticity of demand. (1 mk)
- 3) What do you mean by substitute goods & Complimentary Goods? (Give examples) (2 mks)
- 4) With the help of a figure explain the relationship between Price & the qty demanded. (5 mks)
- 5) How consumer Income determines demand for a commodity.(3 mks)
- 6) Assume that at `15/- 20 kg's of Rice is demanded & when price falls to ` 13/- 26 kg's of Rice is demanded. Find out price elasticity of demand using point method. (3 mks)

\*\*\*\*\*

**G.V.M.S. G.G.P.R. College of Commerce and Economics  
Farmagudi, Ponda-Goa.**

**B.C.A. (Semester III) Intra Semester Assessment (ISA)(test I), July 2017**

**MANAGEMENT ACCOUNTING**

**Duration: 45 minutes**

**Marks:15**

---

Q. 1) a) Give any two limitations of financial Accounting. (2 mks)

b) What do you understand by management Accounting.

Explain its importance (2 points) (3 mks)

Q. 2) From the following information, prepare a flexible budget for Production of 40000 units & 75000 units, distinctly showing variable cost & fixed cost as well as Total cost. Also indicate element wise cost per unit. Budgeted output is 100000 units & budgeted cost per unit is as follows:

Materials	92	
Labour	45	
Variable Production O/hs	30	
Fixed production o/hs	6	
Administration o/hs(fixed)	6	
Selling o/hs(10% fixed)	20	
Distribution o/hs(20% fixed)	15	(10 mks)

\*\*\*\*\*

**G.V.M.S. G.G.P.R. College of Commerce and Economics  
Farmagudi, Ponda-Goa.**

**B.C.A. (Semester III) Intra Semester Assessment (ISA)(test I), July 2017**

**DATABASE MANAGEMENT SYSTEM**

**Duration: 45 minutes**

**Marks:15**

---

- |   |         |
|---|---------|
| Q1. Define Database?  | (1 mk)  |
| Q2. Differentiate between DBMS and RDBMS?                                     | (3 mks) |
| Q3.Explain Advantages and Disadvantages of Dbms over Traditional file System? | (4 mks) |
| Q4. Explain Data Abstraction?   | (3 mks) |
| Q5. Explain Instance and Schema?  | (2 mks) |
| Q6. List the Database Language and explain ?                                  | (2 mks) |

\*\*\*\*\*

**G.V.M.S. G.G.P.R. College of Commerce and Economics**  
**Farmagudi, Ponda-Goa.**

**B.C.A. (Semester III) Intra Semester Assessment (ISA)(test I), July 2017**

**OBJECT ORIENTED CONCEPTS**

**Duration: 45 minutes**

**Marks:15**

---

Q.1) Distinguish between Procedure Oriented Programming and Object Oriented Programming. (2 mks)

Q.2) Define the following terms: (3 mks)

- i) Class
- ii) Abstraction
- iii) Encapsulation

Q.3) What are java tokens? State the types. (2 mks)

Q.4) Explain Constructors with example. (3 mks)

Q.5) Write a program in Java to find whether the number is even or odd. (5 mks)

OR

Q.5) Write a program in Java to find the largest (max) number using Math Class. (5 mks)

\*\*\*\*\*