B.C.A. UGC-CCFUP (SEMESTER II) INTRA SEMESTER ASSESSMENT (ISA) I, FEBRUARY 2025
COMPUTER ORGANIZATION (CSC-100)

DURATION – 30 minutes   **MARKS: 7.5**

Q.1) Define logic gates and list the basic types of logic gates.   (1.5mks) [BL -1, CO 1]

Q.2) State **any two** Boolean laws.   (1 mk) [BL -1, CO 1]

Q.3) Explain the working of an AND gate and OR gate with truth tables.   (2mks) [BL -2, CO 1]

Q.4) Explain the concept of fixed point representation with an example.   (2 mks) [BL -2, CO1]

Q.5) Convert the decimal number $(81)_{10}$ into binary, octal systems.   (1 mk) [BL -2, CO1]

B.C.A. UGC-CCFUP (SEMESTER-II) INTRA SEMESTER ASSESSMENT (ISA-I) FEBRUARY 2025
CSA-143 - DATA ANALYTICS USING SPREADSHEETS

Duration: 30 min   **Total Marks: 05**

Instructions*: i) All questions are compulsory.*

ii) Figures to the right indicate full marks.

Q1. Write short note on workbook protection.   **(BL-1,CO-1)(1 marks)**

Q2. Explain following function with an example   **(BL-2,CO-1)(2 marks)**

   a) COUNTIF
   b) VLOOKUP function

Q3. Illustrate how to Find Duplicates in Excel using conditional formatting.
                                                        (BL-2,CO-2) (2 marks)

Minor: MAT-112 ELEMENTARY STATISTICS

Duration:-30 Minutes   Marks: 10

Instruction: 1) All the questions are compulsory.
                     2) Use of scientific non programmable calculator is allowed.

Q1) Find arithmetic mean for the following observation.
    9, 1, 5, 8, 10, 6, 7, 6.   **(01)(BL2,CO2)**

Q2) Find third quartile and 30th percentile for the following frequency   **(02)(BL2,CO2)**
    distribution.

x	10	20	30	40	50	60
f	8	16	25	24	18	9

Q3) The following is the distribution of marks (out of 100) of 90   **(02)(BL2,CO2)**
    students.
      i)   Prepare cumulative frequency (less than type) table.
      ii)   State the number of students getting the marks between 40 to 70?

Marks	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100
No. of students	1	1	5	17	20	15	15	10	5	1

Q4) Out of 150 students in a class, 50 are boys. If the average of boys attending lectures is 10% and the total average attendance of the entire class is 20%, find the average percentage of attendance of girls. **(02)(BL2,CO2)**

Q5) Find the median for the following data.   **(03)(BL2,CO2)**

Class Interval	20-30	30-40	40-50	50-60
Frequency	24	38	23	15

****

Duration – 30 minutes   **Total Marks – 05**

Q. 1. Answer any **TWO** of the following: (2 marks)
    a) What is meant by "Acid Rain"?   **(BTL2,CO1)**
    b) How would you broadly classify the causes of noise pollution?   **(BTL2, CO1)**
    c) Illustrate human enhanced greenhouse effect.   **(BTL2,CO1)**
    d) Explain types of water pollution based on chemical composition.   **(BTL2, CO1)**

Q. 2. Answer the following: (1×3=3 marks)
    a) Summarize "Depletion-Healing of Ozone Layer".   **(BTL2,CO1)**
    b) What are the basic causes of water pollution?   **(BTL2,CO1)**
    c) How would you control noise pollution?   **(BTL2, CO1)**

B.C.A. UGC-CCFUP (SEMESTER-II) Intra Semester Assessment (ISA-I)-Test FEBRUARY 2025
VAC - 116 – LIFE SKILLS

Time: 30 Minutes   **Marks: 05**

Q. 1. Answer each of the following questions: **(Marks) (CO) (BL)**

a. Define Life Skills education according to UNICEF?   **(2) (CO1) (BL1)**

b. What are the components of Life skills?   **(2) (CO1) (BL1)**

c. List any two theories for developing life skills.   **(1) (CO1) (BL1)**

Goa Vidyaprasarak Mandal's
GOPAL GOVIND POY RAITURCAR COLLEGE OF COMMERCE AND ECONOMICS
PONDA- GOA
B.C.A. UGC-CCFUP (SEMESTER-II) INTRA SEMESTER ASSESSMENT (ISA-I)
FEBRUARY 2025
COM-138 - MANAGEMENT OF MICRO, SMALL AND MEDIUM ENTERPRISES

Duration- 30 minutes   **Marks - 7.5**

Q1. Match the Following: **(BL1, CO1) (1.5 marks)**

Net Investment	Net Turnover
A. Less Than 50 Cr	I. Less than 5 Cr
B. Less than 1 Cr	II. Less than 50 Cr
C. Less than 10 Cr	III. Less than 250 Cr

Q2. Answer the Following   **(BL1, CO1) (3 marks)**

1. State any **four** MSME business opportunities.
2. State the online portals launched as an initiative to help women entrepreneurs.
3. What is Gestation period?

Q3. Explain the importance of MSME in economic development of India. **(BL2, CO1) (2 marks)**

Q4. Explain any 1 Challenge faced by the rural entrepreneurs in MSME.   **(BL2, CO1) (1 marks)**

===XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX===