PRABODHAN EDUCATION SOCIETY'S

VIDYA PRABODHINI COLLEGE

OF COMMERCE, EDUCATION, COMPUTER & MANAGEMENT

PARVARI-GOA

TIME TABLE

F.Y.B.COM SEMESTER END EXAMINATION, APRIL/MAY 2025

(SEMESTER II)

As per NEP

DAY	DATE	TIMING	SUBJECT
Saturday	19th April 2025	10:00 a.m. to 12:00 noon.	MAJOR: Elements of Cost
Monday	21st April 2025	10:00 a.m. to 12:00 noon.	MINOR : Fundamentals of Banking
Wednesday	23rd April 2025	10:00 a.m. to 12:00 noon.	MC: Descriptive Statistics/ Green Computing/ Globalisation
Friday	25th April 2025	10:00 a.m. to 11:00 a.m.	SEC (Theory Component): Business Mathematics II/ Corporate Secretaryship/Intro to Agripreneurship/ Business Data Processing and Networking/Spreadsheet Application
Monday	28th April 2025	10:00 a.m. to 11:00 a.m.	AEC: Digital Content Creation in English
Wednesday	30th April 2025	10:00 a.m. to 11:00 a.m.	VAC 3: E-Waste Management/ Environmental Studies II
Saturday	3rd May 2025	10:00 a.m. to 11:00 a.m.	VAC 4 : Health and Physical Education

(Mr. Rudresh Mhamal)

Chairperson, Examination

(Prof. Bhushan V. Bhave)

Principal

18/03/2025

Date: 18th March, 2025

F.Y.B.COM Semester End Assessment (Regular/Repeat)

April- May 2025

Course Title: Elements of Cost   **Course Code:** COM101   **Category:** Major

Semester: II   **Duration:** 2 Hours   **Max Marks:** 80

Instructions:

1. All questions are compulsory; however internal choice is given from Q.2 to Q.5.
2. Working note should form part of solution.
3. Use of non-programmable calculator is allowed.
4. Figures to the right indicate maximum marks.
5. Theory Question of 2 marks to be answered in 50 words and 4 marks in 100 words.

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Q1		**Explain the following terms**	**(8 x 2 = 16 marks)**
	a.	Cost accounting.	
	b.	Cost centre.	
	c.	Stores control.	
	d.	Net wages.	
	e.	Labour overhead.	
	f.	Selling & distribution overhead.	
	g.	Cost sheet.	
	h.	Prime cost.	

Q.2. A. Star Ltd. provides the following record of receipts and issue of **12 marks** material 011 for the month of December 2024. You are required to prepare a stores ledger card using **first in first out** method of pricing material issues.

1st Dec. opening balance 4000 units valued at ₹ 13 per unit.

3 Dec. received 6000 units @ ₹ 14 per unit

5 Dec issued 7000 units

8 Dec received 3000 units @ ₹ 14.50 per unit

10 Dec received 4000 units @ ₹ 15 per unit

15 Dec issued 2000 units

16 Dec issued 3,000 units

18 Dec issued 4000 units

22 Dec received 6000 units @ ₹ 16 per unit

28 Dec issued 5000 units

29th Dec shortage of 100 units

30th Dec received 1,000 units at ₹ 16.50 per unit

OR

Q.2. B. The stock in hand of a material as on 1st September 2024 was 500 **12 marks** units at ₹ 1 per unit. The following entries were made:

Date	Particulars	Units	Price per unit
3 Sep	Purchases	100	1.10
4 Sep	Issue	500	--
6 Sep	Purchases	700	1.20
8 Sep	Issue	500	--
12 Sep	Purchases	400	1.30
13 Sep	Issue	500	--
17 Sep	Purchases	1000	1.40
20 Sep	Purchases	500	1.50
22 Sep	Issue	500	--
26 Sep	Shortage	100	--
28 Sep	Purchases	400	1.60

Ascertain the quantity of closing stock under **LIFO** method.

Q.2. C. Why is cost accounting not uniformly applicable in all industries? **4 marks**

Q.3. A. i The JMC equipment company estimates its carrying cost at 15% **6 marks** and its ordering cost at ₹ 9 per order. The estimated annual requirement is 48000 units at a price of ₹ 4 per unit.
You are required to calculate:
   a) Economical number of units to order.
   b) Number of orders to be placed in a year.
   c) Number of times the order to be placed.

Q.3. A. ii On the basis of the following information calculate the earnings of **6 marks** Mr. Nagesh and Mr. Yatish under straight piece rate system and Taylor's Differential Piece rate system.

Standard production: 10 units per hour, and normal time rate ₹ 5 per hour.

Differential piece rate to be applied:

80% of piece rate for at or below standard performance

120% of piece rate for performance at or above the standard performance.

Actual Performance:

Mr. Nagesh produced 80 units in a day of 10 Hrs.

Mr. Yatish produced 110 units in a day of 10 Hrs.

Q.3. B. How does material control support financial planning and inventory management?   **4 marks**

OR

Q.3. C. Write a note on spoilage under material losses.   **4 marks**

Q.4. A. The Model Company is divided into four departments: P1, P2, P3 **12 marks** are production departments and S1 is a service department. The actual costs for a period are as follows:

Particulars	Amount	Particulars	Amount
Rent	1,00,000	Supervision	30,000
Repairs to plant	60,000	Fire insurance of stock	50,000
Plant depreciation	45,000	Power	90,000
Employer's liability for insurance	15,000	Light	12,000

Following information is available in respect of the four departments:

Particulars	Dept P1	Dept P2	Dept P3	Dept S1
Area (Sq. mtr.)	1,500	1,100	900	500
Number of employees	20	15	10	5
Total wages (₹)	60,000	40,000	30,000	20,000
Value of plant (₹)	2,40,000	1,80,000	1,20,000	60,000
Value of stock	1,50,000	90,000	60,000	-----
Horse Power (H.P) of Plant	24	18	12	06

Apportion the costs to the various departments on the most equitable basis

Q.4. B. What benefits does Activity-Based Costing offer in terms of **4 marks** managing overhead costs effectively?

OR

Q.4. C. What are the main categories of overhead costs classified by **4 marks** behaviour?

Q.5. A Following data has been extracted from the books of Sunshine ltd   **12 marks**
for the year 2025.

Particulars	Amount
Opening stock of raw materials	25,000
Purchases of raw material	1,25,000
Closing stock of raw materials	40,000
Carriage inward	5,000
Direct wages	75,000
Indirect wages	10,000
Other direct charges	15,000
Factory rent and rates	5,000
Rent and rates of office	1000
Indirect material	800
Depreciation on plant	1,500
Depreciation of office furniture	800
Office Salary	2,500
Factory expenses	5,700
Managers remuneration	20,000
Bad debts	1,000
Advertisement & promotion	2,000
Travelling expenses of salesman	1,100
Carriage outward	1,000
Advance income tax	15,000
Salesman commission	2,000
Office expenses	9000
Goodwill written off	10,000

Note: Out of 48 hours a week, the manager devotes 24 hours for
factory and 12 hours each for office and sales department. Prepare
a cost sheet.

Q.5. B. What are the primary objectives of preparing a cost sheet?   **4 marks**

OR

Q.5. C. What are the shortcomings of using a cost sheet for decision   **4 marks**
making?

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FYBCOM SEMESTER END ASSESSMENT (Regular)
APRIL 2025

Course Title: Fundamentals of Banking

Course Code: COM112   Category: MINOR -2(Theory: 4 Credits)   Semester: II

Duration: 2 hrs   **Max Marks: 80**

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Instructions:

- The question paper contains **5 main questions** carrying equal Marks and spread across **2 pages**.
- All questions are compulsory however internal choice is available.
- You may answer randomly but every main question attempted should be answered serially.
- Figures to the right in brackets indicate maximum marks.

Q. 1   Answer the following: [8 x 2 marks = 16marks]

1. What do you mean by Banking ?

2. Explain Branch banking.

3. What are the agency functions of the bank?

4. List utility functions of the bank.

5. What is General Crossing of cheque?

6. What is Bills of Exchange ?

7. What is E- Banking?

8. State types of E- banking.

Q. 2 A Explain functions of Reserve Bank of India.   [12marks]

OR

Q. 2 B Explain in brief Public Sector Banks, Private Sector Banks, Foreign Banks,

Regional Rural Banks.   [12marks]

Q. 2 C State the significance of Deposits.   [04marks]

Q. 3 A Explain in detail Different Types of Deposits – Saving, Current, Fixed, Recurring and Hybrid. [12marks]

Q. 3 B Explain in brief Cash Credit and Overdraft. [04marks]

OR

Q. 3 C Explain functions of DEMAT account. [04marks]

Q. 4 A Explain in brief Negotiable instrument – Promissory note . [12marks]

Q. 4 B Discuss in brief the functions of Paying banker. [04marks]

OR

Q. 4 C Explain Bearer and Order Cheque? [04marks]

Q. 5 A Explain in detail NEFT and RTGS. [12marks]

Q. 5 B Compare Debit card and Credit card . [04marks]

OR

Q. 5 C Discuss any two products of NPCI. [04marks]

***Best of Luck ***

Q3. Answer **any three** the following: (3 * 4 marks = 12 marks)

   i Find the modal marks for the following data:

Marks Obtained	50-70	70-90	90-110	110-130	130-150
No. of Students	12	15	22	25	17

   ii Calculate Arithmetic Mean of the following data.

Class Interval	50 – 60	60 – 70	70 – 80	80 – 90	90 – 100
Frequency	17	15	20	25	13

   iii The following is the distribution of marks obtained by students of a class in the subject of Statistics. Calculate the median marks.

Marks in Statistics	0 – 20	20 – 40	40 – 60	60 – 80	80 – 100
No. of Students	7	23	34	32	25

   iv Calculate mean deviation from median for the following data:

55, 65, 75, 65, 55, 75, 65, 65, 55

Q4. Answer **any three** the following: (3 * 4 marks = 12 marks)

   i Find mean deviation from mode and its coefficient for the following data:

Marks obtained	10	20	30	40	50
No. of students	8	12	20	10	7

   ii Find the regression equation Y on X for the data:

$\bar{x} = 15$, $\quad \bar{y} = 25$, $\quad \sigma_x = 4$, $\quad \sigma_y = 8$, $\quad r = 0.548$

And hence find the value of y when x = 10

   iii Draw a scatter diagram to represent the following data.

x	15	18	30	27	25	23
y	9	3	12	16	17	10

   iv Calculate rank coefficient of correlation for the following data.

Rank X	5	6	2	3	1	4
Rank Y	4	5	1	2	3	6

Q5. Attempt **each** of the following: (3 * 6 marks = 12 marks)

   i Find Karl Pearson's coefficient of correlation for the following data.

x	5	7	8	9	6
y	4	9	7	5	2

   ii Find rank coefficient of correlation for the following data.

Rank 1	1	2	2	4	5	5	7
Rank 2	2	2	1	2	7	6	5

FYBCOM Semester End Assessment (Regular)/Repeat)
April / May 2025

Course Title: DESCRIPTIVE STATISTICS
Course Code: MAT-132   Category: Multidisciplinary Course
Semester: II   Duration: 2 hrs   Max Marks: 60
Instructions:
1. The question paper contains **05 questions** spread across 2 pages.
2. All questions are compulsory however internal choice is available.
3. Figures to the right indicate maximum marks.
4. Use of non-scientific calculator is allowed.

Q1. Answer **each** of the following questions: (4 * 3 marks = 12 marks)
  i   Discuss any two fields in which statistics is commonly applied.
  ii Define the terms:
       1) Sample   2) Variable   3) Statistical Data
  iii Draw a frequency curve for the following data:

Class Interval	20-30	30-40	40-50	50-60	60-70
Frequency	4	7	6	3	5

  iv Find relative frequency, percentage frequency and cumulative frequency of less than type for following data:

Class Interval	0-10	10-20	20-30	30-40	40-50
Frequency	5	15	20	18	11

Q2. Answer **any four** the following: (4 * 3 marks = 12 marks)
  i   State methods used for data collection. Explain any one.
  ii Prepare cumulative frequency for the data and answer the questions given below:

Marks scored	50 – 60	60 – 70	70 – 80	80 – 90	90 – 100
Number of students	6	13	12	10	7

       a) How many students have scored less than 80 marks?
       b) How many students have scored between 60 – 90 marks?
  iii Draw a histogram for the data:

Class Interval	0-10	10-20	20-30	30-40	40-50
frequency	10	15	18	14	12

  iv For a moderately skewed data: mean = 52, mode = 55, SD = 12
       Find coefficient of skewness, median and coefficient of variation.
  v   Find the Q_1 and Q_3 for the following data:

Variable	10	12	14	16	17	20
Frequency	12	18	20	8	10	12

  vi Find the arithmetic mean of the following data:

Variable	8	12	16	20	25	30
Frequency	15	12	18	20	20	10

Course Title: GREEN COMPUTING
Course Code: CSA132   Category: MDC
Semester: II   Duration: 2 Hours   Max Marks: 60

INSTRUCTIONS:
Figures to the right indicate total marks to the questions.

Q 1.) **Answer any 6 from the following:**   (6X2=12)

    a.)   What do you understand by IoT?
    b.)   What is Green Engineering?
    c.)   Define Green Software.
    d.)   What is Green Data Centre?
    e.)   Name any 2 Green Network Protocols.
    f.)   Explain Green IT Strategy.
    g.)   What is Greenpeace?

Q2. A.) What is Green Hardware? Explain its characteristics.   (6)

Q2. B.) Explain UDP relating to Green networking.   (6)

Q3. A.) What are the objectives of a Green Network?   (6)
                    OR
   A.) What are the Storage Media power Characteristics?   (6)
   B.) State 6 characteristics of a green device.   (6)

Q4 A.) Explain 5 parts of a computer that are dangerous for the environment.   (6)
                    OR
   A.) Explain any 3 objectives of Green Computing.   (6)
   B.) What are the benefits of reusing equipment?   (6)

Q5 A.) What are Green Building Standards? Explain 3 key areas addressed by it. (6)
                    OR
   A.) What are the benefits of green computing?   (6)
   B.) What are the key strategies of Greening the Enterprise?   (6)

FYBCOM Semester End Assessment -NEP (Repeat)
April / May 2025

Course Title: Globalisation

Course Code: ECO-132   **Category: MDC**   **Semester: II**

Duration: 02 hrs   **Max Marks:** 60

   Instructions:
   1.   The question paper contains 05 **main questions** spread across 02 **pages.**
   2.   All questions are compulsory. However, an internal choice is available.
   3.   You may answer randomly, but each main question must be answered in serial order.
   4.   Figures to the right in brackets indicate maximum marks.

Q.1 Answer the following in about 50 words   **(6 x 2 =12 Marks)**

   a)   What is meant by globalisation?

   b)   What is the World Bank, and how does it help countries?

   c)   What are the features of the new phase of globalisation?

   d)   Define Foreign Direct Investment.

   e)   Define the KOF index of globalisation.

   f)   What is meant by Integrated globalisation?

Q. 2 A) Explain the various types of globalisation.   **(5 marks)**
                         OR
Q. 2 A) Discuss the features of a transnational economy.   **(5 marks)**

Q. 2 B) Write 2 points on comparison between old and new phases of globalisation.   **(5 marks)**

Q. 2 C) What is the International Monetary Fund?   **(2 marks)**

Q. 3 A) Explain the various factors contributing to globalisation.   **(5 marks)**
                         OR
Q. 3 A) Explain the various advantages of globalisation.   **(5 marks)**

Q. 3 B) Discuss the national measures taken to protect developing countries.   **(5 marks)**

Q. 3 C) State the objectives of the World Trade Organisation.   **(2 marks)**

Q. 4 A) Discuss the characteristics of transnational companies. (5 marks)

OR

Q. 4 A) Explain the stages of growth of transnational companies. (5 marks)

Q. 4 B) Describe the features of the globalisation of the market. (5 marks)

Q. 4 C) Explain any two reasons for the globalisation of investment. (2 marks)

Q. 5 A) Elaborate on the important aspects of the global economy. (5 marks)

OR

Q. 5 A) Discuss the essential conditions required for the globalisation process.

Q. 5 B) Explain the disadvantages of globalisation. (5 marks)

Q. 5 C) What is meant by Franchising? (2 marks)

FYBCOM Semester End Assessment (Regular/Repeat)

April – May 2025

Course Title: BUSINESS MATHEMATICS – II (Theory)
Course Code: COM - 147   Category: SEC   Semester: II
Duration: 01 hr   Max Marks: 20

Instructions:

1. The question paper contains **5 main** questions.
2. All questions are compulsory however internal choice is available from Q3 onwards.
3. Figures to the right indicate maximum marks.
4. Use of calculator is not allowed.

Q.1		**Answer each of the following questions.**	4*1 marks = (04)
	a.	Mention any four types of matrices.	
	b.	Write n^{th} term of Arithmetic Progression and Geometric Progression.	
	c.	State general form of equation of line.	
	d.	Write truth table for biconditional statement $(p \leftrightarrow q)$.	

Q2. A. Prepare truth table for $(p \rightarrow q) \wedge [(\sim q) \vee p]$ (02)

Q2. B. Check whether the following statements are Tautology, Contradiction, or neither (02)
of both: $(p \vee q) \leftrightarrow [(\sim q) \wedge (\sim p)]$

Q3. A. Find $A^2 - 4I$, where $A = \begin{bmatrix} 3 & 2 \\ 1 & 4 \end{bmatrix}$ (02)

Q3. B. If $A = 2B$, where $A = \begin{bmatrix} 3 & -4 \\ 4 & 2 \end{bmatrix}$, $B = \begin{bmatrix} x & -2 \\ 2 & y \end{bmatrix}$, then find values of x and y.   (02)

OR

Q3. C. Simplify $3A + 2B - 4C$, where $A = \begin{bmatrix} 2 & 4 \\ -2 & 3 \\ 1 & 0 \end{bmatrix}$, $B = \begin{bmatrix} 5 & -4 \\ 2 & 0 \\ -3 & 8 \end{bmatrix}$, $C = \begin{bmatrix} 3 & 5 \\ 7 & 4 \\ 1 & -2 \end{bmatrix}$ (02)

Q4. A. For A = (4, -2) and B = (5, 7), calculate distance between AB and slope of AB.   (02)

Q4. B. Find equation of line passing through the points (2, 5) and (3, -1).   (02)

OR

Q4. C. Find equation of line having slope as −4 and passing through the point (6, 3).   (02)

Q5. A. For AP: 3, 7, 11, 15, …. Find its nth term and hence the value of T_{10}.   (02)

Q5. B. Calculate sum of first 7 terms of a GP: 12, 24, 48, ….   (02)

OR

Q5. C. Find the sum $10 + 17 + 24 + 31 + …… + 143$.   (02)

FYBCOM Semester End Assessment (Regular/Repeat)
APRIL / MAY 2025

Course Title: Corporate Secretaryship (Theory)

Course Code: COM-148   **Category: SEC**   **Semester: II**
Duration: 01 Hour   **Max Marks: 20**
Instructions:

- All questions are compulsory, however Q3, Q4, & Q5 have internal choice.
- Figures to the right indicate maximum marks allotted.
- Answer questions in Q1 in.one sentence.
- Answer of Q2 to Q5 in two or three sentences.

Q.1. Answer the following questions in one sentence   (4 x 1 = 4 marks)
  a. List any one characteristic of a company
  b. State any one function of a Company Secretary.
  c. State Secretarial Standard-04.
  d. What is the use of Director Identification Number?

Q.2. A. Discuss Company Secretaries Regulations, 1982.   (2 marks)

Q.2. B. List two conditions for appointment of a director.   (2 marks)

Q.3.A. Explain any two conditions for appointment of Company Secretary.

(2 marks)

Q.3.B. Define a company as per Companies Act,2013.   (2 marks)

OR

Q.3.C. Describe the role of an independent director in a company.   (2 marks)

Q.4.A. Discuss Company Secretaries Act 1980.   (2 marks)
Q.4.B. State any two reasons which may lead to dismissal of a Company Secretary.

(2 marks)

OR

Q.4.C. Distinguish between one person company and public company.   (2 marks)

Q.5.A. Mr. Suryakant, Director of Sunshine Ltd, has been invited to orient students about types of Directors. State any two types which are essential to be covered by Mr. Suryakant.
(2 marks)

Q.5.B. Ms. Seema is a student of Bachelors of Commerce; she has been assigned Secretarial Standard-02 as her topic for presentation. List any two important points to be covered by her. (2 marks)

OR

Q.5.C. As a Company Secretary, you have been consulted for information on role of women director in a company. Explain any two points in this regard. (2 marks)

VPCCECM
FYBCOM SEMESTER END ASSESSMENT(NEP)
APRIL 2025

Course Title: **Business Data Processing and Networking (Theory)**

Course Code:COM-146

Category: SEC

Semester: II

Duration: 1 Hour

Max Marks: 20

Instructions:

All questions are compulsory, however have Q3 to Q5 have choices
Figures to the right indicates maximum marks for the questions

Q1.) Answer the following questions: -   (4X1 Mark=4)
a.) What is data Analysis?
b.) Define data Interpretation.
c.) What is the meaning of E-Banking?
d.) State any 2 network topologies.

Q2. A) State 2 differences between Data forecasting and data Integration.   (2)
Q2. B) What is Data Encryption?   (2)

Q3. A) What are the benefits of Online Shopping?   (2)
Q3. B) Explain E-Commerce and state the types.   (2)
                                    OR
Q3. C) State the disadvantages of Online Payments.   (2)

Q4. A) What is a Payment Gateway?   (2)
Q4. B) Explain Digital Certificates.   (2)
                                    OR
Q4. C)Explain Government to Consumer E-Commerce.   (2)

Q5. A) What is the difference between Guided and Unguided media.   (2)
Q5. B) Define Protocol and give one example.   (2)
                                    OR
Q5. C)What are the advantages of Computer Networks?   (2)

FYBCOM Semester End Assessment Examination

Regular/ Repeat April 2025

Course Title: Digital Content Creation in English

Course Code: Eng 152   **Category: AEC**

Semester: II   **Duration: 01 Hour**   **Max Marks: 40**

Instructions

- All questions are compulsory.
- The question paper consists of 1 page.
- Figures to the right indicates maximum marks allotted.
- Internal choice is provided for question no 2, 4 and 5.

Q.1. Answer the following.   **(4 x 2 = 8 marks)**

   a) Identify the benefits of using mind-mapping software.
   b) State any four features of Canva.
   c) Define 'Blogging' and name any two popular blogging platforms.
   d) List any two uses of a storyboard.

Q.2.A. Explain the key principles of effective slide design and illustrate how these principles enhance audience engagement and understanding.   **(8 marks)**

OR

Q.2.B. Discuss the do's and don'ts of delivering a successful presentation. Give suitable examples.   **(8 marks)**

Q.3.A. Explain five data slide rules by Nancy Duarte.   **(4 marks)**

Q.3.B. Examine any four qualities of an effective presenter.   **(4 marks)**

Q.4.A. Draft a blog post raising awareness about environmental conservation and give it a catchy title.   **(8 marks)**

OR

Q.4.B. Draft a blog post on any topic of your choice.   **(8 marks)**

Q.5.A. Illustrate a storyboard with four scenes on the topic "Say No to Drugs". Include brief description of each scene.   **(8 marks)**

OR

Q.5.B. Based on your understanding of a storyboard, draft a storyboard with four scenes on the topic "Road Safety".   **(8 marks)**

FYBCOM Semester End Assessment (Regular/Repeat)
APRIL 2025

Course Title: E-Waste Management

Course Code: VAC-111   **Category: VAC 3**   **Semester: II**

Duration: 1 hour   **Max Marks: 40**

Instructions:

1. The question paper contains 5 questions spread across 2 pages.
2. All questions are compulsory however internal choice is available.
3. You may answer randomly but every main question attempted should be answered serially.
4. Figures to the right in brackets indicate maximum marks.

Q1) Answer the following questions: **(04 x 02 = 08 marks)**

a) What is the domestic e-waste disposal?

b) Name two technologies used in e-waste recycling.

c) What does "resource recovery" mean in e-waste management?

d) Name two essential factors driving the global e-waste trade economy.

Q2. A) i) Outline the basic principles of e-waste control measures.   **(03 marks)**

OR

i) What are the key hazardous properties of e-waste?   **(03 marks)**

Q2. B) What are the steps in the recycling and recovery of materials from e-waste ?   **(03 marks)**

Q2. C) State the primary goal of Extended Producer Responsibility (EPR).   **(02 marks)**

Q3. A) i) Illustrate how occupational health is affected during informal recycling processes.   **(03 marks)**

OR

i) How do technologies for resource recovery improve recycling efficiency?   **(03 marks)**

Q3. B) Illustrate the significance of free trade agreements in waste trading. **(03 marks)**

Q3.C) State the importance of separating materials during e-waste recycling. **(02 marks)**

Q4. A) i) Discuss the environmental impact of e-waste disposal in metro   **(03 marks)** cities.

OR

i) How does Producer-Public-Government cooperation help in   **(03 marks)** e-waste management?

Q4. B) Discuss the environmental benefits of e-waste recycling.   **(03 marks)**

Q4. C) Explain how the growth of the electronics industry has contributed to **(02 marks)** increased e-waste generation in India.

Q5. A) i) Outline methods to reduce environmental health risks during   **(03 marks)** e-waste recycling.

OR

i) How can the recovery of materials from e-waste contribute to   **(03 marks)** resource conservation?

Q5. B) Identify strategies to reduce waste at its source in the electronics   **(03 marks)** industry.

Q5. C) Suggest ways to enhance workers' safety during informal e-waste   **(02 marks)** recycling activities.

---------------------------------ALL THE BEST---

FYBCOM Semester End Assessment (Repeat)
April / May 2025

Course Title: Environmental Studies II

Course Code: VAC-101 **Category: VAC** **Semester: II**

Duration: 1 hour **Max Marks: 40**

Instructions:

1. The question paper contains 5 questions spread across 2 pages.
2. All questions are compulsory however internal choice is available.
3. You may answer randomly but every main question attempted should be answered serially.
4. Figures to the right in brackets indicate maximum marks.

Q1) Answer the following questions: (04 x 02 = 08 marks)

   a) Define the terms ozone hole and climate change.

   b) State any four sources of thermal pollution

   c) Describe the term population explosion.

   d) What role does Information Technology play in human health?

Q2. A) i) What are nuclear hazards and how do they affect the environment? (03 marks)

OR

   i) State any three objectives of watershed management. (03 marks)

Q2. B) Discuss the parameters affecting population size. (03 marks)

Q2. C) What does the Environment Protection Act aim to protect? (02 marks)

Q3. A) i) State any three control and preventive measures of HIV/AIDS. (03 marks)

OR

   i) Explain the parameters affecting population size. (03 marks)

Q3. B) Explain how individuals can reduce pollution in their daily lives. (03 marks)

Q3.C) What is the relationship between human health and environmental factors? (02 marks)

Q4. A) i) Explain the sources and consequences of noise pollution in   (03 marks)
   urban areas.

<div align="center">OR</div>

i) Discuss the impact of marine pollution on marine life and   (03 marks)
   human health.

Q4. B) Discuss the objectives of women welfare programs.   (03 marks)

Q4. C) What is the purpose of the Air (Prevention and Control of Pollution)   (02 marks)
   Act?

Q5. A) i) Analyse the impact of climate change on human health in densely   (03 marks)
   populated areas.

<div align="center">OR</div>

i) Evaluate the role of education in reducing population growth rates.   (03 marks)

Q5. B) Assess the challenges and solutions for urban solid waste   (03 marks)
   management in developing countries.

Q5. C) Evaluate a case study where population control measures led to   (02 marks)
   positive environmental change.

--ALL THE BEST--