

Q.P. Code  
TEL201

Hall Ticket No: \_\_\_\_\_

**CSSR & SRRM DEGREE & PG COLLEGE**  
(AUTONOMOUS)

UG (CBCS) REGULAR EXAMINATIONS, APRIL/MAY-2025  
BA/BBA/B.Com/BSc Honours, SEMESTER-II

**జనరల్ తెలుగు ప్రశ్నాపత్రము - సృజనాత్మక రచన**

(w.e.f. 2024-25 Admitted Batch)

సమయం: 3 గంటలు

(No additional sheet will be supplied)

మార్కులు: 70

**విభాగము-అ**

I. ఈ క్రింది పది ప్రశ్నలలో ఏవైనా ఐదింటికి సంక్షిప్త సమాధానాలు రాయండి.

5X4=20 మా

(పదవ ప్రశ్నకు తప్పనిసరిగా సమాధానం రాయాలి ప్రతి సమాధానానికి నాలుగు మార్కులు.)

1. కరపత్రం
2. ఫిర్యాదులు
3. అనువాదంలో భౌగోళిక సమస్యలు
4. వార్తల్లో శీర్షిక ప్రాధాన్యం
5. పుస్తక సమీక్ష
6. యాంకర్ లక్షణాలు
7. తెలుగువారు భాష పట్ల చేసుకోవలసిన నియమాలు
8. తెలుగు వెబ్ సైట్
9. మైక్రో బ్లాగింగ్ లక్షణాలు
10. క్రింది ఆంగ్ల భాషలోని విషయాన్ని తెలుగు భాషలోకి అనువాదం చేయండి.

Education has a significant place in the development of a man. Education develops a man mentally and morally. Without education a man is like an animal. It is very necessary that men and women should get education uniformly. If the women are not to be educated, half of our society will remain backward. In these days we can see the better results of women's education in the different parts of the world. As a result of it, many of the customs and superstitious have started disappearing from society. Women have been working along with men in every sphere of national development and doing equality responsible works.

[P.T.O]

II. ఈ క్రింది వానిలో అన్ని ప్రశ్నలకు సమాధానాలు రాయండి.

5x10=50 మా

(ప్రతి సమాధానానికి పది మార్కులు.)

11. అ) ఫిర్యాదుల గురించి వివరించండి?

(లేదా)

ఆ) లేఖ నిర్వచనం, రకాలు వివరించండి?

12. అ) అనువాద పద్ధతులను వివరించండి?

(లేదా)

ఆ) అనువాదంలో సాంస్కృతిక సమస్యలను గూర్చి రాయండి?

13. అ) రేడియో ప్రసారాలు గూర్చి రాయండి?

(లేదా)

ఆ) దృశ్య మాధ్యమాలను వివరించండి?

14. అ) వ్యాసాన్ని నిర్వచించి, వ్యాస లక్షణాలను వివరించండి?

(లేదా)

ఆ) ఉపాధ్యాయుల పట్ల అధికారుల ప్రవర్తన ఎలా ఉంటుంది?

15. అ) ఖతి అంటే ఏమిటి? ఖతుల విశేషాలను రకాలను తెలపండి?

(లేదా)

ఆ) సామాజిక మాధ్యమాల వలన కలిగే లాభనష్టాలను సంగ్రహంగా తెలపండి?



# CSSR & SRRM DEGREE & PG COLLEGE

(AUTONOMOUS)

UG (CBCS) REGULAR EXAMINATIONS, APRIL/MAY-2025

BA/BBA/B.Com/BSc Honours, SEMESTER-II

**General English**

**A COURSE IN READING AND WRITING SKILLS**

(w.e.f. 2024-25 Admitted Batch)

**Time: 3 hrs.**

(No additional sheet will be supplied)

**Max. Marks: 70**

**I. Answer any THREE of the following questions.**

**3 x 5 = 15 M**

- Write a short note on symbolism in the poem, "Palanquin Bearers".
- Attempt a critical appreciation of the poem, "Palanquin Bearers".
- How does Night of the Scorpion explore the concept of sacrifice and the mother's role as a selfless personality?
- What is the central theme of the poem, "Night of the Scorpion"?
- Why does the poet stop in the woods in "Stopping by the Woods on a Snowy Evening"?
- What is the significance of the last two lines of the poem and how do they contribute to the poem's overall meaning?

**II. Answer any THREE of the following questions.**

**3 x 5 = 15 M**

- Why does the doctor consider his help to the young man as "The Best Investment" he ever made?
- What conditions forced the young man to attempt suicide?
- What are the conditions at Crimean hospitals?
- Why was Florence called, "The Lady with the Lamp"?
- What is the mystery about Deoli station that the author talked about?
- "I felt the impulse to put her on the train there and then, and take her away with me". Explain the lines.

**III. Answer any ONE of the following questions.**

**1 x 5 = 5 M**

- How did the astrologer escape from Guru Nayak.
- Differentiate between Skimming and Scanning.

**IV. Match the following words with their meanings.**

**5 x 1 = 5 M**

**Column A**

- Avaricious
- Etymology
- Obsolete
- Illiterate
- Ventriloquist

**Column B**

- One who can throw his voice
- One who doesn't know how to read and write
- One who is greedy for money
- A study of the derivation of words
- A thing no longer in use

**V. Read the following passage carefully and answer the questions that follow.****5 x 1 = 5 M**

Technology has transformed education by making learning more accessible and engaging. Digital tools such as online courses, virtual classrooms, and interactive software have revolutionized traditional teaching methods. Students can now access vast amounts of information instantly through e-books, educational apps, and video lectures. This has enabled self-paced learning, allowing individuals to study at their own convenience. Moreover, artificial intelligence (AI) is playing a crucial role in personalized education. AI-powered platforms analyze students' progress and provide customized learning experiences. Virtual reality (VR) and augmented reality (AR) are also enhancing education by creating immersive learning environments, especially in fields like science and engineering. However, technology in education also brings challenges. The digital divide remains a concern, as not all students have equal access to devices and the internet. Additionally, excessive screen time may impact students' focus and well-being. Despite these challenges, technology continues to shape the future of education positively.

- (a) How has technology changed traditional teaching methods?
- (b) What are some digital tools that help in learning?
- (c) How does AI contribute to personalized education?
- (d) What role do VR and AR play in modern education?
- (e) What are some challenges of using technology in education?

**VI. Expand any ONE of the following.****1 x 5 = 5 M**

- (a) Rome was not built in a day.
- (b) Make hay while the sun shines.

**VII. Choose the most appropriate collocations from the choices.****5 x 1 = 5 M**

- (a) He \_\_\_\_\_ (prepares/makes) his bed every morning.
- (b) Raj \_\_\_\_\_ (paid/gave) no attention to my requests.
- (c) Although the doctors tried hard, they couldn't \_\_\_\_\_ (protect/save) his life.
- (d) They \_\_\_\_\_ (heard/listened) a noise outside the house.
- (e) Sita \_\_\_\_\_ (takes/sleeps) a nap every afternoon.

**VIII. Read the following passage and make notes.****1 x 5 = 5 M**

Time management is an essential skill for success. It helps individuals complete tasks efficiently and reduce stress. Good time management involves setting priorities, making schedules, and avoiding procrastination. Using tools like to-do lists and planners can improve productivity. Additionally, taking short breaks between tasks enhances focus. Poor time management leads to missed deadlines and increased pressure. Successful people plan their day in advance and stick to a routine. Setting realistic goals and managing distractions are also crucial. By developing this skill, individuals can balance work and personal life effectively. Proper time management leads to better efficiency and success.

**IX. Answer ANY ONE of the following.****1 x 5 = 5 M**

- (a) Write an informal letter to your cousin describing your trip to Hyderabad.
- (b) Write a letter to the Editor of a newspaper about street dogs in your locality.

**X. Prepare a Curriculum Vitae/Resume for ANY ONE of the following.****1 x 5 = 5 M**

- (a) Prepare a CV for the post of Lecturer in English at S.V. Degree College, Raichur.
- (b) Prepare a CV for the post of Accountant-must be a graduate-fluency in English is a must-knowledge of computer is preferable-good communication skills.



# CSSR & SRRM DEGREE & PG COLLEGE

(AUTONOMOUS)

UG (CBCS) REGULAR EXAMINATIONS, APRIL/MAY-2025

BA/BBA/B.Com/BSc Honours, SEMESTER-II

**Skill Course**

**BUSINESS WRITING**

(w.e.f. 2024-25 Admitted Batch)

**Time: 2 hrs.**

(No additional sheet will be supplied)

**Max. Marks: 50**

**I. Answer any FIVE of the following questions.**

**5x10= 50 M**

1. What is Effective Business Writing? Explain its importance.
2. What are the types of Business Writing?
3. Explain the uses of email.
4. What is a Memorandum? Explain its purpose and advantages.
5. Explain different types of Business letters?
6. How to create a Formal Letter?
7. What is a Business Report? Explain its purpose and importance.
8. What are the benefits of Formal Reports?
9. What is good content for Social Media?
10. What are the key differences between traditional business writing and writing content for websites?



**CSSR & SRRM DEGREE & PG COLLEGE**  
(AUTONOMOUS)

UG (CBCS) REGULAR EXAMINATIONS, APRIL/MAY 2025  
BA/BBA/B.Com/BSc Honours, SEMESTER-II

**Skill Course**  
**Digital Literacy**

(w.e.f. 2024-25 Admitted Batch)

(No additional sheet will be supplied)

**Time: 3 hrs.**

**Max. Marks: 50**

**SECTION – A**

I. Answer **any FOUR questions**. Each Question Carries 5 Marks. 4 X 5 =20 M

1. Discuss about mouse operations?
2. How to create folder or subfolder in windows?
3. Explain about search engine?
4. Write about email operations?
5. Discuss about saving and printing of word document?
6. Write about bill payments?

**SECTION – B**

II. Answer **ALL questions**. Each Question Carries 10 Marks. 3 X 10 =30 M

7. Write about different types of editing options?  
or
8. Explain how to shift files from one folder to another folder?
9. Discuss about reply to an E-mail and forward an E-mail?  
or
10. Explain how to accessing the internet?
11. Write about formatting text in a word document?  
or
12. Discuss about job search through employment portals?



# CSSR & SRRM DEGREE & PG COLLEGE

(AUTONOMOUS)

UG (CBCS) REGULAR EXAMINATIONS, APRIL/MAY 2025

BA, SEMESTER-II

**MICRO ECONOMICS**

(w.e.f. 2024-25 Admitted Batch)

**Time: 3 hrs.**

(No additional sheet will be supplied)

**Max. Marks: 70**

## SECTION – A

**I. Answer any FIVE of the following questions.**

5x4=20 M

1. PPC-Production Possibility Curve.
2. Positive Economics.
3. Budget line.
4. Production Function.
5. Elasticity of Supply.
6. Price Discrimination.
7. Oligopoly.
8. Quasi Rent.
9. Uncertainty Theory of Profit.
10. Functional Distribution.

## SECTION – B

**II. Answer ALL of the following questions**

5x10=50 M

11. Explain the Definition and Scope of Economics.  
or
12. Describe the Principles of Microeconomics.
13. Explain the meaning and types of Elasticity of Demand.  
or
14. Explain the Consumer Equilibrium using the Indifference Curve.
13. Mention Different Objectives of a Firm.  
or
16. Explain the Law of Returns to Scale with a Diagram.
17. Define the concept of Market and Describe Market types.  
or
18. Explain the Kinked Demand Curve.
19. Critically explain the Ricardian Theory of Rent.  
or
20. Explain the Innovation Theory of Profit



# CSSR & SRRM DEGREE & PG COLLEGE

(AUTONOMOUS)

UG (CBCS) REGULAR EXAMINATIONS, APRIL/MAY-2025

BA Honours, SEMESTER-II

## Mathematical Methods for Economics

(w.e.f. 2024-25 Admitted Batch)

Time: 3 hrs.

(No additional sheet will be supplied)

Max. Marks: 70

### SECTION-A

I. Answer any FIVE questions

5 x 4 = 20 M

1. Define Finite set and Infinite set with examples.
2. If  $A = \{1,2,3\}$  and  $B = \{x,y\}$  then find  $A \times B$  and  $B \times A$ .
3. Define continuity of a function and the Derivative of a function.
4. If  $f(x) = \log(\sec x + \tan x)$  then find  $f'(x)$ .
5. Explain the concept of optimization.
6. Write the difference between constrained and unconstrained optimization.
7. Define integration and write some rules.
8. Define feasible solution and optimal solution.
9. If  $A = \begin{bmatrix} 2 & 3 & -1 \\ 7 & 8 & 5 \end{bmatrix}$  and  $B = \begin{bmatrix} 1 & 0 & 1 \\ 2 & -4 & -1 \end{bmatrix}$  then find  $A + B$  and  $B + A$ .
10. If  $A = \begin{bmatrix} 1 & 0 & 0 \\ 2 & 3 & 4 \\ 5 & -6 & x \end{bmatrix}$  and  $\det A = 45$  then find 'x'.

### SECTION-B

II. Answer ALL questions

5 x 10 = 50 M

11. Explain the Role of Mathematical methods in Economics.  
or
12. If  $A = \{1,3,5,7\}$ ,  $B = \{5,7,11,13\}$  and  $C = \{11,13,17\}$  then show that  
(i)  $A \cup (B \cap C) = (A \cup B) \cap (A \cup C)$   
(ii)  $A \cap (B \cup C) = (A \cap B) \cup (A \cap C)$
13. If  $f = \log(x^2 + y^2)$  then show that  $\frac{\partial^2 f}{\partial x \partial y} = \frac{\partial^2 f}{\partial y \partial x}$   
or
14. Explain the Applications of derivatives in Economics
15. Explain the optimization in Economics.  
or
16. The profit function  $p(x)$  of a company selling 'x' items per day is given by  $p(x) = (150 - x)x - 1600$ . Find the number of items that the company should sell to get maximum profit. Also, find the maximum profit.
17. Explain applications of Linear programming in Economics.  
or
18. Mathematical formulation of the Linear programming problem.
19. If  $A = \begin{bmatrix} 1 & -2 & 3 \\ 2 & 3 & -1 \\ -3 & 1 & 2 \end{bmatrix}$  and  $B = \begin{bmatrix} 1 & 0 & 2 \\ 0 & 1 & 2 \\ 1 & 2 & 0 \end{bmatrix}$  then examine whether A and B are commute with respect to matrix multiplication.  
or
20. Solve the following simultaneous linear equations by using Cramer's Rule  
 $3x + 4y + 5z = 18$ ,  $2x - y + 8z = 13$  and  $5x - 2y + 7z = 20$

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# CSSR & SRRM DEGREE & PG COLLEGE

(AUTONOMOUS)

UG (CBCS) REGULAR EXAMINATIONS, MAY-2025

BA Honours, SEMESTER-II

**తెలుగు ప్రశ్నాపత్రము - మైనర్ పేపర్ - ఆధునిక కవితా పరిచయం**

(w.e.f. 2024-25 Admitted Batch)

**సమయం: 3 గంటలు**

(No additional sheet will be supplied)

**మార్కులు: 70**

## విభాగము-అ

**ఈ క్రింది పది ప్రశ్నలలో ఏవైనా ఐదింటికి సంక్షిప్త సమాధానాలు రాయండి.**

**5X4=20 మా**

1. రాయప్రోలు సుబ్బారావు గారి జాతీయాభిమానం
2. జాతీయ కవి గరిమెళ్ళ సత్య నారాయణ
3. దేవులపల్లి కృష్ణశాస్త్రి గురించి రాయండి?
4. అమృతం కురిసిన రాత్రి కవితా ఖండిక ఆధారంగా తిలక్ భావుకతను పరిచయం చేయండి?
5. గుంటూరు శేషేంద్ర శర్మ
6. "నరుడో భాస్కరుడో" కవితాఖండిక నేపథ్యాన్ని రాయండి?
7. ఆచార్య ఎండ్లూరి సుధాకర్.
8. బందిపోటు కవితా రచయిత్రి సావిత్రి.
9. సౌందర్యాత్మక హింస కవితా ఖండిక నేపథ్యం.
10. స్త్రీవాద కవిత్వం.

## విభాగము-ఆ

**ఈ క్రింది వానిలో అన్ని ప్రశ్నలకు సమాధానాలు రాయండి.**

**5x10=50 మా**

11. అ) జన్మభూమి గేయ సారాంశాన్ని రాయండి?

(లేదా)

ఆ) మాకొద్దీ తెల్లదొరతనం కవిత ఆధారంగా గరిమెళ్ళ గారి జాతీయాభిమానాన్ని రాయండి?

12. అ) స్వేచ్ఛాగీతాన్ని విశ్లేషించి రాయండి?

(లేదా)

ఆ) అమృతం కురిసిన రాత్రి కవితాఖండిక సారాంశాన్ని రాయండి?

13. అ) ఆధునిక మహాభారతంలోని ప్రజా పర్వం విశిష్టతను వివరించండి?

(లేదా)

ఆ) "నరుడో - భాస్కరుడో" కవితా ఖండిక సారాంశాన్ని తెలపండి?

14. అ) గోసంగి కావ్య ఇతివృత్తాన్ని తెలపండి?

(లేదా)

ఆ) దీర్ఘ కావ్య ప్రక్రియ లక్షణాలు మరియు దాని శైలిని గురించి వివరించండి?

15. అ) బందిపోటు కవితలోని స్త్రీ జీవనాన్ని గురించి విశ్లేషించండి?

(లేదా)

ఆ) సౌందర్యాత్మక హింస కవితా ఖండిక సారాంశాన్ని రాయండి?

# CSSR & SRRM DEGREE & PG COLLEGE

(AUTONOMOUS)

UG (CBCS) REGULAR EXAMINATIONS, APRIL/MAY-2025

BBA Honours, SEMESTER-II

## Principles of Management

(w.e.f. 2024-25 Admitted Batch)

**Time: 3 hrs.**

(No additional sheet will be supplied)

**Max. Marks: 70**

### SECTION - A

I. Answer any **FIVE** of the following. Each question carries **4 marks**.

**5×4 = 20 M**

1. Characteristics of management.
2. Administration Vs Management.
3. Features of Planning.
4. Management by Objectives (MBO).
5. Types of Committees.
6. Write a short note on process of delegation.
7. What is Recruitment.
8. Outline the key barriers in communication.
9. State the behavioural implications of controlling.
10. Write a brief note on essentials of control.

### SECTION - B

II. Answer **ONE** questions from each unit. Each question carries **10 Marks**.

**5×10 = 50 M**

11. Define the term Management. Explain its nature.  
**or**
12. Explain about the various functions of management.
13. What are the measures to overcome the problem of planning.  
**or**
14. What is decision making? Explain the steps involved in decision making process.
15. Define organizing. Explain about the nature and purpose of organizing.  
**or**
16. Distinguish between Centralization and Decentralization.
17. What is staffing? Explain the Nature and Purpose of Staffing.  
**or**
18. Explain the Herzberg's two factor theory of motivation elaborately.
19. Define Controlling. Discuss the importance of controlling.  
**or**
20. What are the requirements for an effective Control System?



# CSSR & SRRM DEGREE & PG COLLEGE

(AUTONOMOUS)

UG (CBCS) REGULAR EXAMINATIONS, APRIL/MAY-2025

BBA Honours, SEMESTER-II

## Business Economics

(w.e.f. 2024-25 Admitted Batch)

**Time: 3 hrs.**

(No additional sheet will be supplied)

**Max. Marks: 70**

### SECTION-A

**I. Answer any FIVE of the following. Each question carries 4 marks.**

**5×4 = 20 M**

1. What do you mean by “Business Economics”?
2. Why is it important to study both micro and macroeconomics?
3. Define Demand Function.
4. Outline the reasons for the downward slope of demand curve.
5. Write short note on Production Function.
6. Classification of costs.
7. Concept of Market.
8. Equilibrium Price.
9. Balance of Payments.
10. Privatization.

### SECTION-B

**II. Answer ONE question from each unit. Each question carries 10 Marks.**

**5×10 = 50 M**

11. Explain the nature and scope of business economics.

**or**

12. Distinguish between Micro and Macro-economics.

13. Explain the Law of Demand and its exceptions.

**or**

14. What is Elasticity of Demand? How it is measured.

15. Explain the Law of Returns to Scale with suitable diagram.

**or**

16. What do you understand by Break-Even Analysis? Explain its applications.

17. Define the term Market. Explain the classification of Markets.

**or**

18. How is the equilibrium price determined under a monopoly?

19. Define National Income and explain the methods of measuring the National Income?

**or**

20. What is WTO? Write its objectives and functions.



# CSSR & SRRM DEGREE & PG COLLEGE

(AUTONOMOUS)

UG (CBCS) REGULAR EXAMINATIONS, APRIL/MAY 2025

BBA, SEMESTER-II

## FUNDAMENTALS OF MARKETING

(w.e.f. 2024-25 Admitted Batch)

**Time: 3 hrs.**

(No additional sheet will be supplied)

**Max. Marks: 70**

### SECTION – A

I. Answer any **FIVE** of the following. Each question carries **4 marks**.

5 X 4 =20 M

1. What is mean by Marketing.
2. Write a short note on Marketing Process.
3. Explain the benefits of Market Segmentation.
4. Positioning.
5. Basic product.
6. What is mean by Product Pricing.
7. Channels of distribution.
8. Personal Selling.
9. Importance of green marketing.
10. Virtual marketing.

### SECTION – B

II. Answer **ONE questions** from each unit. Each question carries **10 Marks**.

5 X 10 =50 M

11. Discuss about the role of a Marketing Manager in the current scenario.

or

12. Briefly explain about the macro environment of marketing.

13. What is market segmentation? Explain the consumer market segmentation and industrial market segmentation.

or

14. Define market targeting and describe the different targeting patterns.

15. What is the product life cycle? Explain its stages in detail.

or

16. What is pricing? Explain different pricing strategies in detail.

17. What is Distribution? Explain advertising publicity, public relations in Distribution.

or

18. What is the promotional mix? Describe the key elements of the promotional mix.

19. Discuss about the uses of Information Technology in marketing practices.

or

20. Define the term digital marketing and explain its significance.



**CSSR & SRRM DEGREE & PG COLLEGE**

(AUTONOMOUS)

UG (CBCS) REGULAR EXAMINATIONS, APRIL/MAY-2025

B.Com SEMESTER-II

**FINANCIAL ACCOUNTING**

(w.e.f. 2024-25 Admitted Batch)

**Time: 3 hrs.**

(No additional sheet will be supplied)

**Max. Marks: 70****SECTION - A**I. Answer **any FIVE** of the following.

5 X 4= 20 M

1. Contra Entry.
2. Define accounting.
3. Types of assets.
4. Profit and loss account.
5. Written down value method.
6. Causes of depreciation.
7. Proforma invoice.
8. Features of Consignment.
9. Consignment Vs joint venture.
10. Features of joint venture.

**SECTION - B**II. Answer **ONE** question from each unit.

5 X 10= 50 M

11. Pass journal entries in the books of Sreekanth from the following.

April 1	Sreekanth started business with	12,500
5	Cash deposited into bank	5,300
6	Goods purchased on credit	500
10	Goods sold to Raju	5,400
12	Furniture purchased	6,500
15	Cash sales	4,800
18	Paid Rent	2,400
24	Paid for Stationary by cheque	1,850
24	Cash received from Raju for full settlement of his account	5,240
30	Paid Salaries and	6,200
30	Electricity bill	4,200

(or)

12. Enter the following in suitable Subsidiary Books.

2008		Rs.
Jan 1	Sold goods to Ramu	5,000
2	Purchased goods from Bhaskar	4,000
5	Sold goods for cash to Naresh	3,000
6	Purchased goods for cash from Ramesh	5,000
8	Sold goods to Amar	3,500
9	Purchased goods from Suman	2,000
12	Ramu returned goods worth	500
14	Sold goods to Kiran	5,600
14	Purchase from Ravi stores	7,500
16	Return goods to Ravi stores	1,500
20	Kiran returned goods	1,600

(P.T.O)

**13. From the following information prepare final accounts for the year ended 31.3.2018.**

Particulars	Debit Rs.	Credit Rs.
Capital		35,000
Buildings	18,750	
Debtors	7,000	
Machinery	9,250	
General Expenses	800	
Rent paid	3,710	
Drawings	650	
Electric Charges	190	
Carriage inwards	850	
Salaries	1,110	
Cash at bank	3,000	
Returns in words	450	
Returns out words		110
Discount	200	
Opening Stock	16,500	
Bills payable		5,000
Sales		63,500
Purchases	46,850	
Wages	2,500	
Cash in hand	1,800	
Creditors		10,000
	1, 13,610	1, 13,610

**Adjustments:**

1. Closing Stock Rs. 18,210.

**(or)**

**14. The following balances obtained from the few accounts of Mr. H. Balaram. Prepare the Trading and Profit and Loss Account**

Stock on Apr. 01, 2016	8,000
Bad debts	2,200
Purchases for the year	42,000
Rent paid	1,200
Sales for the year	45,000
Discount allowed	600
Purchase returns	2,500
Commission paid	1,100
Salaries and wages	3,500
Sales returns	600
Advertisement	1,000
Repairs	600
Closing stock on March 31, 2017	4,500
Interest received	680

**15. On 1<sup>st</sup> January, 2010 a company purchased machinery for Rs. 95000 and spent Rs. 5000 for its installation. On 1<sup>st</sup> July, 2011 Company purchased another machine for Rs. 40000. On 1<sup>st</sup> July, 2012 company sold the machine which is the purchase on 1<sup>st</sup> January, 2010 for Rs. 62000. The company charges 10% depreciation on original cost every year. Show the machinery account up to December 31st 2013.**

**(or)**

**(P.T.O)**

16. A company bought second hand machine on 01-01- 2017 for Rs. 37000 and spend Rs. 2000 for its repairs and Rs. 1000 is erection. On 01-07-2018 it purchased another machine for Rs. 10000 and on 1-07-2019 it sold off first machine for Rs. 28000 and bought another machine for Rs. 25000. Charge depreciation at 10% per annum on written down value method and show machinery account up to 2019.

17. Nandakumar of Nandyala consigned goods worth of Rs.70, 000 to his agent Naveen of Nellore at the Commission of 5% on gross sales. Consignor paid Rs. 1000 for loading, Rs.500 for freight, Rs.1200 for insurance. Naveen took delivery of goods and paidRs.600 for unloading and cartage Rs.300 for go down rent and Rs.1100 for advertisement.

An advance bill for three months accepted by Naveen for Rs.30000 the bill was discounted by the consignor with his bank of Rs.29, 500.All the goods were sold by consignee for RS.90,000. Balance amount remitted by consignee by a bank draft.

**You are required to accounts in the books of consignor.**

**(or)**

18. On 1.1.92 Bharath coal company limited consigned to kalaram of Kurnool.1000 tons of coal the pit cost of the coal of the coal being Rs.100 per ton. The company paid Rs.10000 towards freight and insurance. Kala ram took delivery of the goods consigned on 1.1.92 and immediately accepted a bill drawn on him for Rs.50000 for two months. On 31.3.92 consignee repoted that.

1. 850 tones were sold Rs.130 per tone.

2. He paid go down rent Rs.500, insurance Rs.500 and selling expenses Rs.1000

3. He entitled to a commission of 4% on the sales proceeds.

Remaining balances send to draft Show the **consignment and kalaram account and calculation of closing stock.**

19. Anand and Bala entered a joint venture sharing profit & losses in the ratio of 3:2 Anand is to purchase goods and sent them to Bala for sales. Anand purchases goods worth of Rs.12000 and paid Rs.1000 as expenses. Bala received the goods and accepted a bill for Rs.70000 and paid Rs.300 for rent. The remaining stock of Rs.1000 used by Bala for personal use. He is entitled to a commission of 5% on sales. **Prepare ledger accounts in the books of Anand**

**(or)**

20. Ramesh and Suresh join together to construct a building for 25, 00,000 sharing profits & losses equally. They open joint bank account each contributing Rs. 5, 00,000

Raw materials purchase 10, 00,000

Wages 2, 50,000

Material supplied by Ramesh 75, 000

Material supplied by Suresh 1, 00,000

Suresh took over the stock of material valued Rs.50, 000. The contract was completed and all the money was received. Prepare Joint Venture account & Joint Bank account

# CSSR & SRRM DEGREE & PG COLLEGE

(AUTONOMOUS)

UG (CBCS) REGULAR EXAMINATIONS, APRIL/MAY 2025

B.Com, SEMESTER-II

OFFICE AUTOMATION TOOLS

(w.e.f. 2024-25 Admitted Batch)

(No additional sheet will be supplied)

Time: 3 hrs.

Max. Marks: 70

## SECTION – A

I. Answer **any FIVE questions**. Each Question Carries 4 Marks.

5 X 4 =20 M

1. Discuss about changing cases in MS-Word?
2. Write about Header and Footer in MS-Word?
3. How to inserting pictures in MS-Word?
4. Define Macro? How to create Macro in MS-Word?
5. Write about creating, saving a workbook?
6. How to insert rows and columns in MS-Excel?
7. Discuss about what-if analysis?
8. Define sorting and filtering in MS-Excel?
9. What is slide? How to insert slide in MS-PowerPoint?
10. How to editing text in MS-PowerPoint?

## SECTION – B

II. Answer **ALL questions**. Each Question Carries 10 Marks.

5 X 10 =50 M

11. Explain the features of MS-Word  
or
12. Discuss about formatting documents in MS-Word
13. Write about Mail Merge in MS-Word  
or
14. Write the difference between Wizard and Template in MS-Word?
15. Write about Mathematical and Statistical functions in MS-Excel?  
or
16. Explain how to enter data in a work sheet?
17. What is Chart? Explain different types of charts in MS-Excel.  
or
18. Discuss about Cell referencing in MS-Excel
19. What are the features of MS-PowerPoint?  
or
20. Discuss about various presentations in MS-PowerPoint?



## CSSR &amp; SRRM DEGREE &amp; PG COLLEGE

(AUTONOMOUS)

UG (CBCS) REGULAR EXAMINATIONS, APRIL/MAY-2025

BSc(CS), SEMESTER-II

## DIFFERENTIAL EQUATIONS

(w.e.f. 2024-25 Admitted Batch)

Time: 3 hrs.

(No additional sheet will be supplied)

Max. Marks: 70

## SECTION-A

## I. Answer any FIVE questions

5 x 4 = 20 M

- Find the order and degree of the differential equation  $\left[\frac{d^2y}{dx^2} + \left(\frac{dy}{dx}\right)^3\right]^{\frac{6}{5}} = 6y$ .
- Solve  $(e^y + 1)\cos x dx + e^y \sin x dy = 0$ .
- Solve  $y^2 \log y = xyp + p^2$ .
- Solve  $(y - px)(p - 1) = p$ .
- Solve  $(D^4 - 4D^3 + 6D^2 - 4D + 1)y = 0$ .
- Solve  $(D^3 - 5D^2 + 8D - 4)y = e^{2x}$ .
- Solve  $(D^2 - 4)y = x^2$ .
- Solve  $(D^2 - 5D + 6)y = xe^x$ .
- Solve  $x^2 \frac{d^2y}{dx^2} - 3x \frac{dy}{dx} + 4y = 2x^2$ .
- Solve  $(1 + x^2) \frac{d^2y}{dx^2} + (1 + x) \frac{dy}{dx} + y = 0$ .

## SECTION-B

## II. Answer ALL questions

5 x 10 = 50 M

- Solve  $(x^2 + 1) \frac{dy}{dx} + 4xy = \frac{1}{x^2 + 1}$   
(Or)
- Solve  $x \frac{dy}{dx} + y = y^2 \log x$ .
- Solve  $p^2 + 2py \cot x = y^2$ .  
(Or)
- Show that the family of confocal conics  $\frac{x^2}{a^2 + \lambda} + \frac{y^2}{b^2 + \lambda} = 1$  is self-orthogonal, where  $\lambda$  is a parameter.
- Solve  $(D^2 - 4D + 3)y = \sin 3x \cdot \cos 2x$ .  
(Or)
- Solve  $(D^2 + 4)y = e^x + \sin 2x + \cos 2x$ .
- Solve  $(D^2 - 2D + 4)y = 8(x^2 + e^{2x} + \sin 2x)$   
(Or)
- Solve  $(D^2 + 2D + 1)y = x \cos x$ .
- Solve  $(x - 1)y'' - xy' + y = 1$ .  
(Or)
- Solve  $(D^2 + a^2)y = \tan ax$  by the method of variation of parameter.

**CSSR & SRRM DEGREE & PG COLLEGE**  
(AUTONOMOUS)

UG (CBCS) REGULAR EXAMINATIONS, APRIL/MAY 2025  
B.Sc(Bot), SEMESTER-II

**Non-Vascular plants**

(w.e.f. 2024-25 Admitted Batch)

**Time: 3 hrs.**

(No additional sheet will be supplied)

**Max. Marks: 70**

**Section-A**

**I. Answer any FIVE questions. Each Question Carries 4 Marks**

**5X4= 20 M**

1. Algae Pigments
2. Economic importance of Algae
3. Spirogyra Thallus
4. Cystocarp- Polysiphonia
5. Fungi Nutrtion
6. Hetero thallisam
7. Cleisto thecium
8. Teleutospores in Puccinia
9. T.S. of Marchantia thallus
10. Funaria Antheridial branch

**Section-B**

**II. Answer All question. Each Question Carries 10 Marks**

**5 X 10= 50 M**

11. Write different types of life cycles in Algae  
or
12. Write an Easy on Thallus Organization in Algae
13. Describe the life cycle of Ectocarpus  
or
14. Write about Chlorella culture and Cultivation.
15. Write about Anish worth classification of Fungi  
or
16. Write about Economic importance of Fungi
17. Describe the life history of Penicillium  
or
18. Describe the structure and anatomy of Lichens
19. Describe the Marchantia Sporophyte  
or
20. Explain the Bryophyte Sporophyte Evolution



# CSSR & SRRM DEGREE & PG COLLEGE

(AUTONOMOUS)

UG (CBCS) REGULAR EXAMINATIONS, APRIL/MAY 2025

B.Sc(Bot), SEMESTER-II

## Origin of life Diversity of Microbes

(w.e.f. 2024-25 Admitted Batch)

**Time: 3 hrs.**

(No additional sheet will be supplied)

**Max. Marks: 70**

### Section-A

**I. Answer any FIVE questions. Each Question Carries 4 Marks**

**5 X 4= 20 M**

1. Miller-Urey experiments
2. TMV-Structure
3. Cyanobacteria as SCP
4. Nostoc
5. Transduction
6. Bacteria-Conjugation
7. Commensalism
8. Amensalism
9. Rhizobium
10. Herbicides

### Section-B

**II. Answer All question. Each Question Carries 10 Marks**

**5 X 10= 50 M**

11. Give an account on Whittaker's five kingdom classification  
or
12. Describe the Multiplication of viruses
13. Give an account of Mycoplasma  
or
14. Explain cyanobacteria as Biofertilizers
15. Describe the cell structure of Eubactria  
or
16. Discuss about the economic importance of Eubacteria with reference to their role in agriculture and industry
17. Give an account on the distribution of soil micro-organisms  
or
18. Give an account on microbial interaction and their effect on plant growth
19. Explain about the Role of VAM in soil fertility.  
or
20. Give an account on production, application, advantages and limitations of Azospirillum



# CSSR & SRRM DEGREE & PG COLLEGE

(AUTONOMOUS)

UG (CBCS) REGULAR EXAMINATIONS, APRIL/MAY 2025

B.Sc(Bot), SEMESTER-II

## GENERAL AND INORGANIC CHEMISTRY

(w.e.f. 2024-25 Admitted Batch)

**Time: 3 hrs.**

(No additional sheet will be supplied)

**Max. Marks: 70**

### SECTION-A

#### I. Answer any FIVE questions

**5 x 4 = 20 M**

- 1) Define and explain Hund's Rule.
- 2) Write short note on Write short note on Electron affinity
- 3) Discuss Thermal stability of typical ionic compounds
- 4) What is Lattice Energy and write factors affecting lattice energy.
- 5) Write short notes on isoelectronic principle.
- 6) Explain the molecular orbital diagram of CO.
- 7) Explain briefly about conductors, semi-conductors and insulators.
- 8) Write short on Free electron theory.
- 9) Explain Arrhenius Theory with suitable examples.
- 10) Define and explain pH.

### SECTION – B

#### II. Answer ONE questions from each unit

**5 X 10= 50 M**

- 11) Write a brief note on IUPAC nomenclature and group number, horizontal, vertical of the periodic table  
(Or)
- 12) Explain the following  
a) Ionization Potential b) Pauli's Exclusion principle
- 13) Write the properties of Ionic Compounds and Explain the factors favouring the formation of Ionic compound.  
(Or)
- 14) Explain Born-Haber cycle of Enthalpy of formation of ionic compound.
- 15) Explain the structure of NH<sub>3</sub> and H<sub>2</sub>O by VSEPR model.  
(Or)
- 16) Construct and explain MO diagram for Homo nuclear diatomic molecule of N<sub>2</sub>, O<sub>2</sub> molecules.
- 17) What is Hydrogen bond? Explain its types with suitable examples.  
(Or)
- 18) Write a brief note on Valence Bond Theory of metals.
- 19) Explain the types of chemical reactions with examples.  
(Or)
- 20) Explain HSAB principle and its importance.



# CSSR & SRRM DEGREE & PG COLLEGE

(AUTONOMOUS)

UG (CBCS) REGULAR EXAMINATIONS, APRIL/MAY 2025

B.Sc(CS), SEMESTER-II

**PROBLEM SOLVING USING C**

(w.e.f. 2024-25 Admitted Batch)

**Time: 3 hrs.**

(No additional sheet will be supplied)

**Max. Marks: 70**

## SECTION – A

I. Answer any **FIVE** questions. Each Question Carries 4 Marks

5 X 4 =20 M

1. Explain the Structure of C program?
2. Write about While loop with an example?
3. Explain about 2 dimensional Array with an example?
4. Write a C program to copy the content of one String into another?
5. Define Recursion with an example?
6. Define Pointer? Explain how to access values using pointers?
7. Explain about Union with an example?
8. Discuss about nested Structures?
9. Explain about fputc() and fgetc() functions?
10. What is File? Explain about Text and Binary files?

## SECTION – B

II. Answer **All questions**. Each Question Carries 10 Marks

5 X 10 =50 M

11. Explain different data types available in C-language?  
or
12. Explain about if-else and switch statements with examples?
13. Discuss about different String Manipulations functions in C?  
or
14. Define Array? Write c programs to demonstrate One & Two dimensional arrays?
15. Explain Call by Value and Call by Address with examples?  
or
16. Explain about Pointers & Arrays with example?
17. Explain about malloc, calloc & free memory management functions?  
or
18. Define Structure? Write a c program to demonstrate how to access structure members?
19. Explain how to read data from files with an example?  
or
20. Explain about fseek() & rewind () functions with an example?



# CSSR & SRRM DEGREE & PG COLLEGE

(AUTONOMOUS)

UG (CBCS) REGULAR EXAMINATIONS, APRIL/MAY 2025

B.Sc(CS), SEMESTER-II

## Digital Logic Design

(w.e.f. 2024-25 Admitted Batch)

**Time: 3 hrs.**

(No additional sheet will be supplied)

**Max. Marks: 70**

### SECTION – A

I. Answer any **FIVE** questions. Each Question Carries 4 Marks

5 X 4 =20 M

1. Discuss about Weighted code?
2. Convert  $(75)_{10}$  into Binary and Octal Number System?
3. Explain about basic logic gates?
4. Explain Don't Care conditions?
5. Explain about Combinational Logic Circuits?
6. Discuss about Half Subtractor?
7. Explain advantages of Multiplexer?
8. Discuss about Decoders?
9. Differentiate Latch & Flip Flop?
10. Explain about JK & T Flip Flop?

### SECTION – B

II. Answer **All** questions. Each Question Carries 10 Marks

5 X 10 =50 M

11. Explain about R & R-1 Complements?  
or
12. Explain about different Number Systems?
13. Discuss about Universal Logic Gates with truth tables?  
or
14. Explain Karnaugh Map minimization technique with an example?
15. Explain the design of Full adder along with logic diagram?  
or
16. Explain about ripple adder with neat diagram?
17. Explain about Encoder with an example?  
or
18. Define Multiplexer? Explain about 8X1 MUX with neat diagram?
19. Explain RS Latch using NAND & NOR Gates?  
or
20. Define Register? Explain about different Shift registers in Digital Logic?



**CSSR & SRRM DEGREE & PG COLLEGE**

(AUTONOMOUS)

UG (CBCS) REGULAR EXAMINATIONS, APRIL/MAY-2025

BSc(CS), SEMESTER-II

**DIFFERENTIAL EQUATIONS**

(w.e.f. 2024-25 Admitted Batch)

**Time: 3 hrs.**

(No additional sheet will be supplied)

**Max. Marks: 70****SECTION-A****I. Answer any FIVE questions****5 x 4 = 20 M**

- Find the order and degree of the differential equation  $\left[\frac{d^2y}{dx^2} + \left(\frac{dy}{dx}\right)^3\right]^{\frac{6}{5}} = 6y$ .
- Solve  $(e^y + 1)\cos x dx + e^y \sin x dy = 0$ .
- Solve  $y^2 \log y = xyp + p^2$ .
- Solve  $(y - px)(p - 1) = p$ .
- Solve  $(D^4 - 4D^3 + 6D^2 - 4D + 1)y = 0$ .
- Solve  $(D^3 - 5D^2 + 8D - 4)y = e^{2x}$ .
- Solve  $(D^2 - 4)y = x^2$ .
- Solve  $(D^2 - 5D + 6)y = xe^x$ .
- Solve  $x^2 \frac{d^2y}{dx^2} - 3x \frac{dy}{dx} + 4y = 2x^2$ .
- Solve  $(1 + x^2) \frac{d^2y}{dx^2} + (1 + x) \frac{dy}{dx} + y = 0$ .

**SECTION-B****II. Answer ALL questions****5 x 10 = 50 M**

- Solve  $(x^2 + 1) \frac{dy}{dx} + 4xy = \frac{1}{x^2 + 1}$   
(Or)
- Solve  $x \frac{dy}{dx} + y = y^2 \log x$ .
- Solve  $p^2 + 2py \cot x = y^2$ .  
(Or)
- Show that the family of confocal conics  $\frac{x^2}{a^2 + \lambda} + \frac{y^2}{b^2 + \lambda} = 1$  is self-orthogonal, where  $\lambda$  is a parameter.
- Solve  $(D^2 - 4D + 3)y = \sin 3x \cdot \cos 2x$ .  
(Or)
- Solve  $(D^2 + 4)y = e^x + \sin 2x + \cos 2x$ .
- Solve  $(D^2 - 2D + 4)y = 8(x^2 + e^{2x} + \sin 2x)$   
(Or)
- Solve  $(D^2 + 2D + 1)y = x \cos x$ .
- Solve  $(x - 1)y'' - xy' + y = 1$ .  
(Or)
- Solve  $(D^2 + a^2)y = \tan ax$  by the method of variation of parameter.