| This questi | on paper contains                   | 4+1 printed pa         | [ges] $b$        | 15/18     |
|-------------|-------------------------------------|------------------------|------------------|-----------|
|             | Roll No.                            |                        |                  |           |
| S. No. of C | Question Paper :                    | 4696                   |                  |           |
| Unique Pap  | per Code                            | 12033904               |                  | HC        |
| Name of th  | e Paper :                           | SEC : Translat         | ion Studies      |           |
| Name of th  | e Course :                          | B.A. (Prog)/B.A<br>SEC |                  | : CBCS    |
| Semester    | :                                   | vi Kalkai              | i. New De        | lhi-19    |
| Duration: 3 | 3 Hours                             |                        | Maximum Ma       | rks : 75  |
|             | questions from Secti                |                        |                  |           |
| 1. (a)      | What is "sense-fo                   | or-sense" transla      | ion? Does it r   | privilege |
|             | accuracy or flue                    |                        |                  |           |
|             |                                     | Or                     |                  |           |
| (b)         | How does transl                     | ation help in in       | creasing the     | outreach  |
| -           | of literature in a                  | multi-lingual so       | ciety like Indi  | a? Give   |
|             | examples.                           |                        |                  | 10        |
| 2. (a)      | Define the term " "transliteration" |                        | ow is it differe | ent from  |
|             |                                     | Or                     | •                | <b>X</b>  |
| <i>(b)</i>  | What are the qua                    |                        |                  |           |
|             | with respect to the                 | ne different type      | s of "interpret  |           |
|             |                                     |                        |                  | P.T.O.    |

- 3. Write short notes, on any two of the following:  $2\times5=10$ 
  - (i) Free translation
  - (ii) Code mixing
  - (iii) Dialect
  - (iv) Formal equivalence

### Section-B

- 4. (a) Give Hindi equivalents of the following words/phrases in English. Choose any five.
  - (i) Justice
  - (ii) Experiment
  - (iii) Insurance
  - (iv) Historical
  - (v) Barking dogs seldom bite
  - (vi) The grass is greener on the other side
  - (vii) To lose face
  - (viii) To leave no stone unturned.
  - (b) Translate the following passage into Hindi. 10

    Delhi's harsh summer leads to birds falling sick or dying due to dehydration. While it's advised to keep bowls of water for the birds, there are situations where you

might need professional help. Many NGOs and groups treat injured and sick birds in the city. They work solely for the rescue of such birds. "We have a space for the treatment of sick and injured birds. When we get a call, we go to the location to pick up the injured birds", says an official.

If you come across injured birds, then it is very important to lead them to a safe environment. They advise, "Put a cloth or sheet over the bird so that it can't see you, as birds tend to panic when approached. Pick them up carefully and put them in a well-ventilated cardboard box. Take them to the nearest bird hospital."

During summers, birds also face the risk of flying into running fans. Residents are advised to install nets or mesh grills on their balconies so that birds cannot enter

- 5. (a) Give English equivalents of the following words/phrases in English. Choose any five.
  - (i) प्रदूषण

the space.

- (ii) रसायन विज्ञान
- (iii) गृह मंत्रालय

10

- (iv) मुहावरे
- (v) अपने मुँह मियाँ मिट्ठू बनना
- (vi) भेदभाव
- (vi) आग बबूला होना
- (vii) हाथ बटाना

करते थे।

(b)

जुम्मन शेख और अलगू चौधरी में गाढ़ी मित्रता थी। साझे में खेती होती थी। कुछ लेन-देन में भी साझा था। एक को दूसरे पर अटल विश्वास था। जुम्मन जब हज करने गये थे, तब अपना घर अलगू को सौंप गये थे, और अलगू जब कभी बाहर जाते, तो जुम्मन पर अपना घर छोड़ देते थे। उनमें न खान-पान का व्यवहार था, न धर्म का नाता; केवल विचार मिलते

थे। मित्रता का मूलमंत्र भी यह है। इस मित्रता का

जन्म उसी समय हुआ, जब दोनों मित्र बालक ही थे,

और जुम्मन के पूज्य पिता, जुमराती, उन्हें शिक्षा प्रदान

Translate the following passage into English:

| 6. | What are     | the advantages | and | limitations | of | machine |
|----|--------------|----------------|-----|-------------|----|---------|
|    |              |                |     |             |    |         |
|    | translation? |                |     | ·           |    | 15      |

- 7. What are the factors to be kept in mind, while dubbing an advertisement (for television) from one language into another?
- 8. To what extent do you think "equivalence" can be achieved, if the folktales and folksongs of an Indian language culture are translated into English? Demonstrate with examples. 15
- 9. Using the example of any *one* film based on a novel, explain the process of adaptation as a creative art.

4696

This question paper contains 4 printed pages.

Your Roll No.

Sl. No. of Ques. Paper: 4698

HC

Unique Paper Code

: 12033906

Name of Paper

: Business Communication

Name of Course

: B.A. (Prog.) English : CBCS-SEC

Semester

: VI

Duration

: 3 hours

Maximum Marks

: 75

Deshbandnu.College Library

Kalkall, New Dolhi-10

(Write your Roll No. on the top immediately on receipt of this question paper.)

## Attempt all questions.

1. (a) Outline three important differences between formal and informal communication.

#### Or

How is listening different from hearing? Discuss briefly any one kind of listening that you are familiar with.

(b) Using an example explain the concept of diagonal communication.

### Or

Write a brief note on the idea of an exit interview.

 $5 \times 2$ 

P. T. O.

2. (a) Cite the following book as a bibliographic entry:

Author: S. N. Sharma, Title: Basic Accounting Practices, Publication details: S Chand & Co., Calcutta, 2017.

(b) Cite the following journal article as a bibliographic entry:

Title: Reducing Pollution, Journal details: Air Quality Monitor, Page 57-64; Delhi University, March 2015.

5×2

3. Read the passage carefully and answer the questions that follow:

The railroad was not the first institution to impose regularity on society, or to draw attention to the importance of precise timekeeping. For as long as merchants have set out their wares at daybreak and communal festivities have been celebrated, people have been in rough agreement with their neighbors as to the time of day. The value of this tradition is today more apparent than ever. Were it not for public acceptance of a single yardstick of time, social life would be unbearably chaotic: the massive daily transfers of goods, services, and information would proceed in fits and starts; the very fabric of modern society would begin to unravel.

- (a) Since when has the value of precise timekeeping been evident in human society?
- (b) What would happen if people did not share a single yardstick of time?
- (c) What does the author mean by the phrase 'the very fabric of modern society would begin to unravel'?

4. Make a précis of the following passage in about one-third its size and give a suitable title: 12+3

It is physically impossible for a well-educated, intellectual, or brave man to make money the chief object of his thoughts just as it is for him to make his dinner the principal object of them. All healthy people like their dinners, but their dinner is not the main object of their lives. So all healthy minded people like making money ought to like it and enjoy the sensation of winning it; it is something better than money.

A good soldier, for instance, mainly wishes to do his fighting well. He is glad of his pay—very properly so and justly grumbles when you keep him ten years without it— till, his main mission of life is to win battles, not to be paid for winning them. So of clergymen. The clergyman's object is essentially to baptize and preach, not to be paid for preaching. So of doctors. They like fees no doubt—ought to like them; yet if they are brave and well-educated the entire object to their lives is not fees. They on the whole, desire to cure the sick; and if they are good doctors and a choice was given to them, they would rather cure their patient and lose their fee than kill him and get it. And so with all the other brave and rightly trained men: their work is first, their fee second- very important always; but still second.

5. As a senior student, write a welcome speech in about

100 words addressed to the freshers in your department.

### Or

Write a 15 line dialogue between a salesperson and a customer who has come in to buy a washing machine.

15

6. Write the Table of Contents page of a project report titled "Recycling Waste paper in the College".

### O

Write a short report, addressed to the Director, HR of your Company, on improving gender sensitivity within the organization.



This question paper contains 3 printed pages.

Your Roll No.

Sl. No. of Ques. Paper: 4715

HC

Unique Paper Code

: 62323601

Name of Paper

: Conflict and Peace Building

Name of Course

: B.A. (Prog.) Political Science:

CBCS - SEC

Semester

: VI

**Duration** 

: 3 hour Deshbandhu College I ihran

Maximum Marks

: 75

Kalkaii, New Dan

(Write your Roll No. on the top immediately on receipt of this question paper.)

(इस प्रश्न-पत्र के मिलते ही ऊपर दिये गये निर्धारित स्थान पर अपना अनुक्रमांक लिखिये।)

Note:— Answers may be written either in English or in Hindi; but the same medium should be used throughout the paper.

टिप्पणीः— इस प्रश्नपत्र का उत्तर अंग्रेज़ी या हिन्दी किसी एक भाषा में दीजिए; लेकिन सभी उत्तरों का माध्यम एक ही होना चाहिए।

Attempt any four questions.

All questions carry equal marks.

किन्हीं चार प्रश्नों के उत्तर दीजिए। सभी प्रश्नों के अंक समान हैं।

1. Explain the difference between conflict resolution and conflict transformation.

संघर्ष समाधान और संघर्ष रूपान्तरण में अंतर की व्याख्या कीजिए।

2. What is peace building? Discuss the roles of various factors and agencies in peace building.

शांति निर्माण क्या है? शांति निर्माण में विभिन्न कारकों और संस्थाओं की भूमिका का वर्णन कीजिए।

3. Why have ethnic and religious conflicts gained salience in post-cold war era?

उत्तर शीत युद्ध काल में प्रजातीय और धार्मिक संघर्ष क्यों बढ़े हैं?

4. Discuss the various dimensions of conflict with special emphasis on gender based conflicts.

जेंडर आधारित संघर्षों के विशेष संदर्भ में संघर्ष के विभिन्न आयामों का वर्णन कीजिए।

5. Discuss the typology of conflict with reference to the sites of conflicts.

संघर्ष के वर्गीकरण की व्याख्या संघर्ष के स्थलों के संदर्भ में कीजिए।

6. Examine negotiation as a technique of conflict resolution.

संघर्ष समाधान की एक तकनीक के रूप में समझौता-वार्ता की विवेचना कीजिए।

7. Discuss the relevance of Gandhian ideas in the field of conflict resolution and transformation.

संघर्ष समाधान और रूपान्तरण के क्षेत्र में गाँधी के विचारों के महत्त्व की विवेचना कीजिए।

- 8. Write short notes on any two of the following:
  - (a) Track I Diplomacy
  - (b) Mediation
  - (c) Ideology and Conflicts
  - (d) Structural Violence.

निम्नलिखित में से किन्हीं दो पर संक्षिप्त टिप्पणी कीजिए:

- (a) प्रथम मार्गीय कूटनीति
- (b) मध्यस्थता
- (c) विचारधारा और संघर्ष
- (d) संरचनात्मक हिंसा।

[This question paper contains 8 printed pages.]

Your Roll No.

Sr. No. of Question Paper: 3292

Unique Paper Code : 62353606

Name of the Paper : Transportation and Network

Flow Problem

Name of the Course : B.A. Programe :

Mathematics: SEC

Semester : VI

Duration: 3 Hours Maximum Marks: 55

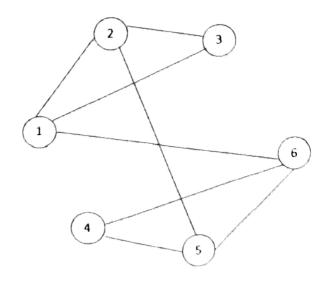
### Instructions for Candidates

- 1. Write your Roll No. on the top immediately on receipt of this question paper.
- 2. This question paper has FOUR questions in all.
- 3. All questions are compulsory.
- 1. Three electric power plants with capacities of 20, 40 and 30 million kWh supply electricity to three cities. The maximum demands at the three cities are estimated at 30, 35 and 25 million kWh. The price per million kWh at the three cities is given in Table

|       |   |       | City                    |                |
|-------|---|-------|-------------------------|----------------|
|       |   | 1     | 2                       | 3              |
|       | 1 | \$600 | \$700                   | \$400          |
| Plant | 2 | \$320 | \$700<br>\$300<br>\$480 | \$400<br>\$350 |
|       | 3 | \$500 | \$480                   | \$450          |

The utility company wishes to determine the most economical plan for the distribution. Formulate the model as a transportation model. (5)

- 2. Attempt any FIVE parts from the following:
  - (i) For the Network given below, determine (a) a path (b) a cycle (c) a tree (d) a spanning tree
    (e) the sets N and A
    (6)



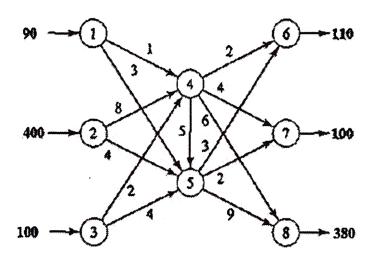
(ii) Compare the initial basic feasible solutions obtained by the Northwest-Corner method AND Least-Cost method for the following transportation problem. (3+3=6)

|         |        | Warehouse |    |    |    |        |
|---------|--------|-----------|----|----|----|--------|
|         |        | 1         | 2  | 3  | 4  | Supply |
|         | 1      | 10        | 2  | 20 | 11 | 15     |
| Factory | 2      | 12        | 7  | 9  | 20 | 25     |
|         | 3      | 4         | 14 | 16 | 18 | 10     |
|         | Demand | 5         | 15 | 15 | 15 | _      |

(iii) Solve the following Assignment Problem using Hungarian Method. The Matrix entries represent the processing times in hours. (6)

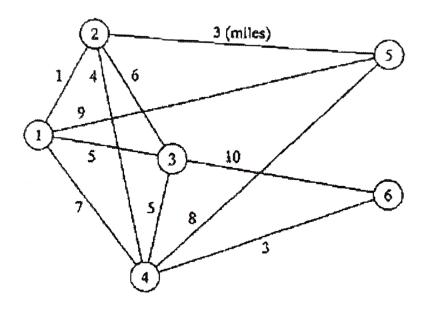
|      |   | Operators |    |    |    |    |
|------|---|-----------|----|----|----|----|
|      |   | 1         | 2  | 3  | 4  | 5  |
|      | 1 | 9         | 11 | 14 | 11 | 7  |
|      | 2 | 6         | 15 | 13 | 13 | 10 |
| Jobs | 3 | 12        | 13 | 6  | 8  | 8  |
|      | 4 | 11        | 9  | 10 | 12 | 9  |
|      | 5 | 7         | 12 | 14 | 10 | 14 |

(iv) The network in figure shows the routes for shipping cars from three plants (nodes 1, 2 and 3) to three dealers (nodes 6 to 8) by way of two distribution centers (nodes 4 and 5). The shipping costs per car (in \$100) are shown on the arcs.



- (a) Identify pure supply nodes, pure demand nodes, transshipment nodes and buffer amount.
- (b) Only develop the corresponding transshipment model table. (2+4=6)
- (v) A Company is in the process of providing cable service to five new housing development areas. (6)

Figure below depicts possible TV linkages among the five areas. The cable miles are shown on each arc. Determine the most economical cable network starting at node 4.



(vi) The activities associated with a certain project given below (2+1+3=6)

| Activity | Predecessors | Duration (Week) |
|----------|--------------|-----------------|
| A:       |              | 4               |
| B:       |              | 3               |
| C:       | A,B          | 2               |
| D:       | A,B          | 5               |
| E:       | В            | 6               |
| F:       | C            | 4               |
| G:       | D            | 3               |
| H:       | F,G          | 7               |
| I:       | F,G          | 4               |
| J:       | E,H          | 2               |
|          |              |                 |

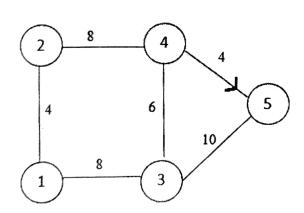
- (a) Develop the associated network for the project.
- (b) Find the minimum time of completion of the project.
- (c) Determine the critical path and critical activities for the project network.
- 3. Consider the transportation model in the given table.
  - (a) Use the Vogel Approximation Method (VAM) to find a starting solution.
  - (b) Hence find the optimal solution by the method of the multipliers. (5+5=10)

|        | Destination | 1   |     | Supply |
|--------|-------------|-----|-----|--------|
|        | \$0         | \$2 | \$1 | 6      |
| Source | \$2         | \$1 | \$5 | 9      |
|        | \$2         | \$4 | \$3 | 5      |
| Demand | 5           | 5   | 10  |        |

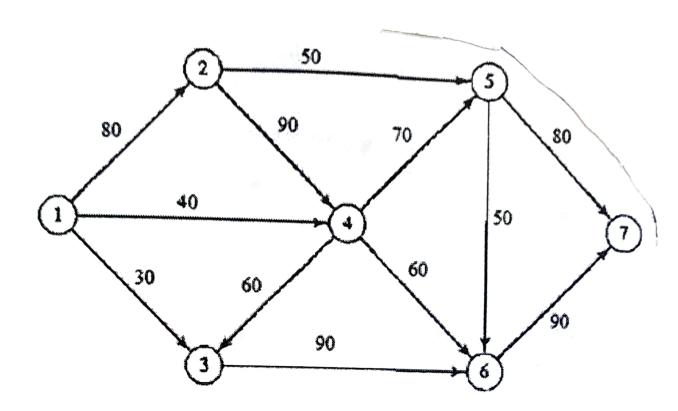
- 4. Attempt ANY ONE from the following:
  - (i) For the network given in the following figure,

the distances (in miles) are given on the arcs. Arc (4, 5) is directional, so that no traffic is allowed from node 5 to node 4. List of all the other arcs allow two way traffic. Use Floyd's algorithm to determine the shortest route between  $(5\times2=10)$ 

- (a) node 5 to node 2
- (b) node 1 to node 4
- (c) node 2 to node 3
- (d) node 3 to node 5
- (e) node 1 to node 5



- (ii) Use Dijkstra's algorithm to determine the shortest path (6+4=10)
  - (a) From node 1 to 5
  - (b) From node 2 to 7



[This question paper contains 4 printed pages.]

Your Roll No.

Sr. No. of Question Paper: 9170

Unique Paper Code : 12033906

Name of the Paper : Business Communication

Name of the Course : B.A. (Prog.) English -

CBCS (SEC)

Semester : VI

Duration: 3 Hours Maximum Marks: 75

### Instructions for Candidates

1. Write your Roll No. on the top immediately on receipt of this question paper.

2. Attempt All questions.

1. Write short notes on any FIVE of the following:

 $(3 \times 5 = 15)$ 

- (a) Sender
- (b) Haptics
- (c) Non-Fluencies
- (d) Notice
- (e) Decoding
- (f) Formatting

- (g) External communication
- (h) Agenda
- 2. Attempt any **THREE** questions:  $(5\times3=15)$ 
  - (a) What is the importance of Bibliography in written communication?
  - (b) Do you think an Interviewer too, needs to be prepared prior to an interview? Discuss.
  - (c) What is the importance of feedback in the communication cycle?
  - (d) Describe the flow of communication in an organization.
  - (e) What are the factors one should keep in mind while preparing for a group discussion (GD)?
  - (f) Discuss the importance of Grapevine in an organization.
- 3. Cite the following as bibliographic entry: (5)

Author: A.N. Rai; Publisher: Authorspress; Title of the Book: Digital Communication in India; Year of Publication: 2000; Place of Publication: New Delhi

- 4. Write a short report as the President of the Students
  Union of your College regarding the success and
  further prospects of introducing a chip enabled student
  ID card in your college. (10)
- 5. Draft a Notice for all the employees of your company to strictly adhere to the new timings during summer from 1 June 2018 onwards till further notice. (10)
- 6. What are the main features of an effective oral presentation? (10)
- 7. Make a summary of the following passage in about 70 words. (10)

The invention of television certainly brought a revolution in our lives bringing the entire world close to us. Yet, we should not be too carried away by the advantages of the television and overlook its negative points. Watching television programs takes away our need to read. Why bother to read the papers when we can hear them from the television news reports? Why read books when exciting movies are screened? The lack of reading is unhealthy especially to younger children as they will grow up only with the ability to speak but not write. I have a neighbor whose sixyear-old child can say complete sentences like "I like"

cats," but when told to write out the sentence, is unable to do so. Not only are the writing skills of children affected, their thinking capacities are also handicapped. Television programs remove the need to think. The stories, ideas and facts are woven in the way television planners wanted. Exposure to such opinions and the lack of thinking opportunities will hinder the children's analyzing ability.

Despite the disadvantages of watching television programs, personally, I think that choosing the 'middle path', which is to do selective television viewing and not over indulging in the habit should be the best solution to reconcile both the merits and demerits of owning a television. (220 words)

[This question paper contains 2 printed pages.]



# Your Roll No.....

2019

Sr. No. of Question Paper: 9176

IC

Unique Paper Code

: 62053611

Name of the Paper

: विज्ञापन और हिंदी भाषा

Name of the Course

: बी.ए. (प्रोग्राम) – Hindi – CBCS

SEC

Semester

: VI

समय : 3 घण्टे

TORAL TOP

## छात्रों के लिए निर्देश

- इस प्रश्न-पत्र के मिलते ही ऊपर दिए गए निर्धारित स्थान पर अपना अनुक्रमांक लिखिए ।
- 2. सभी प्रश्न अनिवार्य हैं।
- 'विज्ञापन' की पिरभाषा देते हुए उसके स्वरूप को स्पष्ट कीजिए।

### अथवा

विज्ञापनों के सामाजिक - सांस्कृतिक उद्देश्य एवं महत्त्व की उदाहरण सहित स्पष्ट कीजिए।

2. 'विज्ञापन विपणन में अत्यधिक सहायक हैं' - इस उक्ति की विवेचना कीजिए।

#### अथवा

'विज्ञापन बाज़ार में वस्तु की छवि का निर्माण करता है' - इस उक्ति को उदाहरण सहित समझाइए। (12)

 'विज्ञापन की भाषा में अलंकरण' की सार्थकता को उदाहरण सिहत स्पष्ट कीजिए।

### अथवा

हिंदी – विज्ञापन की भाषा और साहित्यिक भाषा के अंतर को उदाहरण सहित स्पष्ट कीजिए।

विज्ञापन के विभिन्न प्रकारों पर सोदाहरण प्रकाश डालिए ।

### अथवा

'माध्यम' को परिभाषित करते हुए एक अच्छे विज्ञापन-माध्यम के गुणों को उद्घाटित कीजिए।

- किन्हीं तीन पर टिप्पणी लिखिए
  - (क) विज्ञापन की भाषा में मुहावरें और लोकोक्तियाँ
  - (ख) रेडियो जिंगल लेखन
  - (ग) विज्ञापन में शब्द और अर्थ का महत्व
  - (घ) मुद्रित और इंटरनेट विज्ञापन
  - (ङ) विज्ञापन के बाह्य माध्यम
  - (च) टेलीविजन के लिए स्टोरी बोर्ड-निर्माण  $(9 \times 3 = 27)$



Roll No.

S. No. of Ouestion Paper:

9179A

Unique Paper Code

62313618

Name of the Paper

: Popular Culture-NC

Name of the Course

B.A. (P) History (NC)-CBCS—SEC

Semester

VI

Duration: 3 Hours

Maximum Marks: 75

(Write your Roll No. on the top immediately on receipt of this question paper.)

Note:— Answers may be written either in English or in Hindi; but the same medium should be used throughout the paper.

टिप्पणी: इस प्रश्न-पत्र का उत्तर अंग्रेजी या हिन्दी किसी एक भाषा में दीजिए; लेकिन सभी उत्तरों का माध्यम एक ही होना चाहिए।

Attempt any five questions.

All questions carry equal marks. किन्हीं **पाँच** प्रश्नों के उत्तर दीजिए।

सभी प्रश्नों के अंक समान हैं।

1. Define popular culture. In what ways is it different from elite culture?

लोक संस्कृति को परिभाषित कीजिए। अभिजात संस्कृति से यह किस प्रकार भिन्न है ?

2. In what ways do songs and story telling enhance folk theatre? Explain with two case studies.

गायन और कथा-वाचन किस प्रकार लोक-नाट्य की श्रीवृद्धि करते हैं ? दो घटनाओं के अध्ययन द्वारा व्याख्या कीजिए।

3. How do Indian folk dances represent diversity in popular culture ?

भारतीय लोक-नृत्य किस प्रकार लोक संस्कृति की विविधता को दर्शाते हैं ?

4. Discuss the traditions of discourses and story telling in India with examples.

भारत में प्रवचनों और कथा-वाचनों की परम्पराओं का उदाहरण सिहत विवेचन कीजिए।

5. In what ways have popular festivals changed over time?

Discuss with reference to any two examples.

समय के साथ, लोकप्रिय त्यौहारों में किस प्रकार के परिवर्तन आए हैं ? कोई दो उदाहरण देकर समझाइए।

6. What role do fairs play in social, economic, cultural and religious life of the common man?

एक साधारण मनुष्य के जीवन के सामाजिक, आर्थिक, सांस्कृतिक और धार्मिक क्षेत्रों में मेलों की क्या भूमिका है ?

- 7. Pilgrimage is the spirit of Indian Culture. Discuss. तीर्थ-यात्रा भारतीय संस्कृति की आत्मा है ? विवेचन कीजिए।
- 8. In what ways have religious and feasts defined popular notions of food ?

धार्मिक और धर्मिनरपेक्ष भोजों ने जन-साधारण में भोजन सम्बन्धी धारणाओं को किस प्रकार परिभाषित किया है ?

 Assess the role of regional cuisines as an expression of culture.

संस्कृति का स्वरूप समझने में प्रादेशिक भोजन परंपराओं ने क्या भूमिका निभाई है ? विवेचन कीजिए।

- 10. Write short notes on any two of the following:
  - (i) Brihadkatha of Gunadhya
  - (ii) Fasts and Gender

- (iii) Visit to recent exhibition
- (iv) Spiritualism in Tribal cultures.

निम्नलिखित में से किन्हीं दो विषयों पर संक्षिप्त नोट लिखिए:

- (i) गुणाध्य की बृहदकथा
- (ii) उपवास और लिंग
- (iii) वर्तमान में किसी प्रदर्शनी का अपका अनुभव
- (iv) जनजाति संस्कृतियों में आध्यात्मिक आस्था।

Your Roll No.

Sr. No. of Question Paper: 9186

Unique Paper Code

: 62103649

Name of the Paper

: CRITICAL THINKING &

DECISION MAKING

Name of the Course

: B.A. (Prog.) Philosophy

CBCS - SEC

Semester

: VI

Duration: 3 Hours

Maximum Marks: 75

### Instructions for Candidates

1. Write your Roll No. on the top immediately on receipt of this question paper.

2. Attempt any five questions.

3. Answers may be written either in English or Hindi; but the same medium should be used throughout the paper.

## छात्रों के लिए निर्देश

- इस प्रश्न-पत्र के मिलते ही ऊपर दिए गए निर्धारित स्थान पर अपना अनुक्रमांक लिखिए।
- कोई भी पाँच प्रश्न कीजिये।
- इस प्रश्न पत्र का उत्तर अंग्रेजी या हिंदी किसी एक भाषा में दीजिए, लेकिन सभी उत्तरों का माध्यम एक ही होना चाहिए ।

1. What is Critical thinking? What is the role of beliefs and claims in critical thinking? Explain.

आलोचनात्मक विचार क्या है ? विश्वास एवं मान्यताओं का आलोचनात्मक विचार में क्या महत्व है ?

2. What are the common cognitive biases that affect belief formation? Explain.

आलोचनात्मक विचार को प्रभावित करने वाली समान संज्ञात्मक पूर्वाग्रह क्या हैं ? व्याख्या कीजिए।

3. What is an argument? With the help of examples distinguish between deductive and inductive arguments.

युक्ति क्या है ? उदाहरण सहित निगमनात्मक एवं आगमनात्मक युक्तियों में भेद कीजिए।

4. What is meant by credibility? Critically examine the credibility of sources.

विश्वसनीयता से क्या तात्पर्य है ? विश्वसनीयता के स्रोतों की आलोचनात्मक व्याख्या कीजिए ।

5. With the help of examples differentiate between vagueness and ambiguity.

उदाहरण सहित अस्पष्टता एवं अनेकार्थकता में भेद कीजिए।

6. How does generality cause problems in language? Explain.

भाषा में सामान्यीकरण किस प्रकार समस्या उत्पन्न करती है ?

7. What are the basic steps involved in the process of thinking? Elucidate.

विचार की प्रक्रिया के मूलभूत चरण क्या हैं ? स्पष्टीकरण कीजिए।

8. What is a judgment? Explain the relation between ideas and judgments.

निर्णय क्या है ? प्रत्यक्ष एवं निर्णय के सम्बन्ध की व्याख्या कीजिए।

9. What are the two ways in which meaning is understood? What are some of the misconceptions about standard meanings or conceptions?

अर्थ को समझने की दो विधियां क्या हैं ? अवधारणा या मानक अर्थ के सन्दर्भ में कुछ भ्रम क्या हैं ? 10. What is the purpose of a definition? Explain the different types of definitions.

परिभाषा का उद्देश्य क्या है ? विभिन्न प्रकार की परिभाषाओं की व्याख्या कीजिए।



[This question paper contains 4 printed pages]

Your Roll No.

Sl. No. of Q. Paper : 9187

Unique Paper Code : 62323601

Name of the Course : B.A. (Prog.)

Political Science

CBCS - SEC

Name of the Paper : Conflict and Peace

Building

Semester : VI

Time: 3 Hours Maximum Marks: 75

## Instructions for Candidates:

## परीक्षार्थियों के लिए निर्देश :

(a) Write your Roll No. on the top immediately on receipt of this question paper.

इस प्रश्न-पत्र के प्राप्त होने पर तुरंत शीर्ष पर अपना रोल नंबर लिखें।

(b) Answer may be written either in **English** or in **Hindi**; but the same medium should be used throughout the paper.

इस प्रश्न-पत्र का उत्तर अंग्रेजी या हिंदी किसी एक भाषा में दीजिए, लेकिन सभी उत्तर एक ही भाषा में होने चाहिए।

- (c) Attempt any **four** questions. किन्हीं **चार** प्रश्नों के उत्तर दीजिए।
- (d) All questions carry equal marks. सभी प्रश्नों के अंक समान हैं।
- 1. What do you understand by conflict transformation ? Compare conflict transformation and conflict resolution. संघर्ष रूपातंरण से आप क्या समझते हैं ? संघर्ष निवारण एवं संघर्ष रूपातंरण की तुलना कीजिए।
- 2. Write an essay on Peace Building. शांति निर्माण पर लेख लिखए।
- 3. Do you agree that Post-Cold War era witnessed an increase in ethics and religious conflicts? Give arguments in favour of your answer. क्या आप सहमत हैं कि द्वितीय विश्व युद्ध के उपरांत संजातीय और धार्मिक संघर्षों में वृद्धि देखी गई है। अपने उत्तर के पक्ष में तर्क दीजिए।

4. Define conflict. Explain different dimensions of conflict.

संघर्ष को परिभाषित कीजिए। संघर्ष के विभिन्न आयामों की व्याख्या कीजिए।

5. Describe the concept of Structural Violence.

Differentiate structural violence and direct violence citing with examples.

संरचनात्मक हिंसा की संकल्पना का वर्णन कीजिए। उदाहरण उद्धृत करते हुए संरचनात्मक हिंसा एवं प्रत्यक्ष हिंसा में अंतर स्पष्ट कीजिए।

6. Examine various sites of conflict with special reference on international conflict.

अंतर्राष्ट्रीय संघर्षों के विशेष संदर्भ में संघर्षों के विभिन्न स्तरों (साईट्स) का परीक्षण कीजिए।

7. Write an essay on the relevance of Gandhi's ideas for resolving conflicts.

संघर्ष निवारण पर गाँधी के विचारों की प्रासंगिकता पर एक लेख लिखिए।

- 8. Write Short notes on any **two** of the following: निम्नलिखित में से किन्हीं दो पर संक्षिप्त टिप्पणी लिखिए:
  - (a) Track I and Track II Diplomacyट्रैक- I और ट्रैक- II कूटनीति
  - (b) Gender and Violence जेंडर (लिंग) और हिंसा
  - (c) Mediation and Conflict Resolution मध्यस्ता और संघर्ष निवारण
  - (d) Positive and Negative Peace सकारात्मक एवं नकारात्मक शांति

[This question paper contains 4 printed pages.]



Your Roll I

Sr. No. of Question Paper: 9218

Unique Paper Code

: 12033903

Name of the Paper

: Soft Skills

Name of the Course

: B.A. (Prog.) English CBCS

**SEC** 

Semester

: IV / VI

Duration: 3 Hours

Maximum Marks: 75

#### Instructions for Candidates

1. Write your Roll No. on the top immediately on receipt of this question paper.

2. Attempt all questions.

3. All questions carry equal marks.

#### Section A

Attempt the following:

 $(10 \times 3 = 30)$ 

1. What is the difference between hard skills and soft skills? Why are soft skills important for success?

OR

Do you think adaptability is an essential soft skill? Why do you think so?

2. Why do you think we feel stressed when changes occur in either home or work environment? How can we overcome this challenge?

#### OR

Why does a leader need to be assertive? Give a reasoned answer.

3. What do you understand by team spirit? Is it important for the development of the team?

#### OR

Problem solving is an important employability skill. Do you agree? Discuss.

### Section B

Attempt any three of the following:  $(15\times3=45)$ 

1. You have recently overcome failure at workplace that you have been facing for a while. Do you think it has helped you become a better person? Which soft skill do you think has helped you/will help you to become a better person?

- 2. The capability of a team is the sum of the competencies of individual team members. Elaborate on the given statement.
- 3. Sana, a team leader notices that Rahul, one of her team members is unhappy of late. He has lost a close member of his family. Sana thinks about ways to help him achieve his target despite his loss. Which elements of Emotional Intelligence is Sana practicing?
- 4. You have been given an opportunity to organise an event in your college. This has made your best friend very unhappy. How would you respond to this situation?
- 5. Effective decision making is important for an organisation as well as for an individual. Discuss with examples.
- 6. What do the following gestures indicate? Give a reasoned explanation.
  - (a) Holding the door open for a stranger
  - (b) Interrupting others while they are speaking
  - (c) Offering a sweaty palm for handshake

7. Read the passage below and answer the questions that follow:

A little girl and her father were crossing a bridge. The father was kind of scared so he asked his little daughter, "Sweetheart, please hold my hand so that you don't fall into the river."

The little girl said, "No, Dad. You hold my hand."

"What's the difference?" asked the puzzled father.

"There's a big difference," replied the little girl.

"If I hold your hand and something happens to me, chances are that I may let your hand go. But if you hold my hand, I know for sure that no matter what happens, you will never let my hand go."

- (a) What is the difference between the father holding the daughter's hand and the daughter holding the father's hand?
- (b) What do you understand from the girl's final response?
- (c) Which soft skill do you think is being discussed in this short story? What is the significance of this soft skill in our lives?

[This question paper contains 4 printed pages.]

Your Roll No. 2022

| Sr. | No. | of | Question | Paper | : | 2738 | A | L |
|-----|-----|----|----------|-------|---|------|---|---|
|-----|-----|----|----------|-------|---|------|---|---|

Unique Paper Code : 62353607

Name of the Paper : SEC - Statistical Software-R

Name of the Course : B.A. Programme

Semester : VI

Duration: 2 Hours Maximum Marks: 38

# Instructions for Candidates

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P.T.O.

- 1. Write your Roll No. on the top immediately on receipt of this question paper.
- 2. All the questions are compulsory.
- 3. Attempt any two subparts of each part in question 1. Each subpart is of 1 mark and whole question 1 is of 8 marks.
- 4. In questions 2 to 6, attempt any two parts out of four parts. Each part is of 3 marks and each question is of 6 marks.

| 1. | Attempt | any two subparts of each part. Each su   | abpart is of 1 mark. This whole question carries 8 |
|----|---------|--|--|
|    | marks.  |  |  |
|    | (a)     |  |  |
|    | (i)     | If $a = 15$ , $b = 3$ then print( $a$ %) | (b) will give                                      |
|    | (ii)    | Write the R syntax to find cos (4)       | 5 <sup>0</sup> ).                                  |
|    | (iii)   | Write the R syntax to find log316        | ).   |
|    | (iv)    | Write the command to find the var        | iance of data.                                     |
|    | (b)     |  |  |
|    | (i)     | hist() command is used for               | (history, histogram).                              |
|    | (ii)    | command can sort the da                  | ta.(order(), rank()).                              |
|    | (iii    | command produces the                     | sum values of columns. (columnSums()/              |
|    |         | colSums()).                              |  |
|    | (iv     | command is used to                       | make scatter plot. (splot() / plot())              |

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2

- (c) State weather TRUE or FALSE
  - (i) rm() command finds the defined variables.
  - (ii) c(4 6 7 9) gives a data frame.
  - (iii) ls.str() command finds the structure of all the defined variables.
  - (iv) If x=c(2,34,56,43,23), then sort(x) will sort the data in descending order.
- (d) State weather TRUE or FALSE
  - (i) read.csv(choose.file()) is used to read a file.
  - (ii) Quantile-Quantile plots are used for visualizing data in a straight line.
  - (iii) If x is a five item vector then x[1:4] command shows only first and fourth items.
  - (iv) is.matrix(x) command is used to verify if a given object 'x' is a matrix data object.
- 2. Attempt any two parts. Each part is of 3 marks.
  - (a) Differentiate between concatenate(c) and scan commands. Also use these commands to create simple data containing the text: Jan Feb Mar Apr.
  - (b) Write a command to remove all the variables defined beginning with 'a' and ending with 's'.

Differentiate between list and data frame.

- (c) Read data from the file "marks.csv". How to make a comment in R?
- (d) Create a vector

x: 10, 2, 3.5, -12, NA, 4.2, NA. How to check the type of this vector? Convert the type of this vector into integer.

- 3. Attempt any two parts. Each part is of 3 marks.
  - (a) In each of the following, find the difference between the two commands
    - (i)  $\max(x)$  and which  $(x == \max(x))$ , where x is a vector of some numbers
    - (ii) sort(x, na.last = NA) and sort(x, na.last = FALSE), where x is a vector of numbers along with NA entries
  - (b) In each of the following, explain why there is error in the output.
    - (i) Weekdays=c(Mon, Tue, Wed, Thu, Fri)
    - (ii) x=c(3, 2, 1, 4, 5); sort(x, decreasing = true)
    - (iii) mat=matrix(1:10, ncol = 3)
  - (c) Suppose that Data=c(7,8,5,5,3,4,4,6,9,7) is the vector of the 10 numbers. Describe the output of the following commands:
    - (iii) Data[1-length(Data)]
    - (iv) Data[3:7]
    - (v) Data[Data>5]
  - (d) Illustrate using an example what the three commands sort(), order() and rank() do on vectors of numbers, and point out the differences between them.

- 4. Attempt any two parts. Each part is of 3 marks.
  - (a) Write the commands to save the data in the following table as a matrix named 'Mat', and then add an extra column on the right of it whose entries are the sum of the entries in each row.

|    | C1 | C2 | C3 | C4 |
|----|----|----|----|----|
| RI | 1  | 4  | 7  | 10 |
| R2 | 2  | 5  | 8  | 11 |
| R3 | 3  | 6  | 9  | 12 |

(b) Write the commands to store the data in the following table as a data frame named 'Data1', and explain how would the output of the command summary(Data1) look like.

|       | Age | Gender |                            |
|-------|-----|--------|----------------------------|
| Bob   | 21  | M      |                            |
| Alice | 20  | F      | Deshbandnu College I ibran |
| James | 22  | M      | Kalkaji, New De            |
| Henry | 23  | М      |                            |

(c) Suppose that the following data is stored in a data frame named 'Data2'. How would you sort the data in the descending order of the entries in the last column? How would you add information of Person-6 (Gender: M, Age: 33) into this data frame?

|          | Gender | Age |
|----------|--------|-----|
| Person-1 | М      | 27  |
| Person-2 | М      | 36  |
| Person-3 | F      | 41  |
| Person-4 | M      | 34  |
| Person-5 | F      | 23  |

- (d) What are attach() ... detach() and with() commands used for? Illustrate using examples.
- 5. Attempt any two parts. Each part is of 3 marks.
  - (a) Write a short note on "the Shapiro-Wilk test". Explain it with the help of example.
  - (b) Write the command of the following in R:
    - (i) Generate n random variables from the Poisson distribution with lambda = 10.
    - (ii) Generate n random variables using the binomial distribution having size = 20 and probability of each trial being a success is 0.6.
    - (iii) Generate 10 random variables from the Uniform distribution between 10 to 30.

(c) Given the data

X: 3, 5, 7, 5, 3, 2, 6, 8, 8, 5, 6, 9, 4, 5, 7, 3, 4

- (i) Write the command for drawing histogram in R.
- (ii) Specify the breaks of the bar at 2, 5, 6, 8, and 9.
- (iii)Colour the bars in Red and write the title HISTOGRAM.
- (d) Explain Quantile-Quantile Plot with the help of example.
- 6. Attempt any two parts. Each part is of 3 marks.

The following data of count and speed are given below:

| Count | speed |
|-------|-------|
| 9     | 2     |
| 25    | 3     |
| 15    | 5     |
| 2     | 9     |
| 14    | 14    |
| 25    | 24    |
| 2:4   | 29    |
| 47 .  | 34    |

Suppose that the above data is expressed in the form of a data frame named FM.

- (a) You have to express the information with the help of box plot. Write the syntax of the following in R software:
  - (i) Make box plot of count and speed.
  - (ii) Label box plot of count and speed as count and speed respectively.
  - (iii) Make the horizontal box plot of count and speed.
- (b) Write the syntax of scatter plot for the following using the data frame FM:
  - (i) Scatter plot of FM.
  - (ii) Add line of best fit to scatter plot of FM.
  - (iii) Using symbol, draw the scatter plot of FM
- (c) Write a short note on Pair Plot.

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(d) Month wise rain data of Delhi is given as:

| -   | Month     | lan | Feh  | Man   | A   | 14  | 7   |     |      |     |     |      |     |   |
|-----|-----------|-----|------|-------|-----|-----|-----|-----|------|-----|-----|------|-----|---|
|     | 177011111 | Jan | 1,60 | Iviar | Apr | May | Jun | Jul | Ano  | Sen | Oat | Nlav | Dec |   |
| - 1 | rain      | 3   | 5    | 7     | -   | -   |     |     | 1145 | ЗСР | Oct | INOV | Dec | ĺ |
|     | Tulli     | )   | )    | /     | 1.5 | 1 3 | 2   | 6   | R    | 5   | 6   | 0    | 0   | ĺ |
|     |           |     |      |       |     |     |     | 0   | 0    | 5   | 0   | 9    | 8   |   |

rain and month variables are defined below in R.

rain = c(3, 5, 7, 5, 3, 2, 6, 8, 5, 6, 9, 8)

month = c('Jan', 'Feb', 'Mar', 'Apr', 'May', 'Jun', 'Jul', 'Aug', 'Sep', 'Oct', 'Nov', 'Dec')

Draw the output of the following commands:

- (i) plot(rain, type = 'b', axes = FALSE, xlab = 'Month', ylab = 'Rainfall cm')
- (ii) axis(side = 1, at = 1: length(rain), labels = month)
- (iii) axis(side = 2)
- (iv) box ()



[This question paper contains 3 printed pages.]

Your Roll No. 2022

Sr. No. of Question Paper: 3737

A

Unique Paper Code

: 12033909

Name of the Paper

: Literature in Social Spaces -

SEC (CBCS-LOCF)

Name of the Course

: SEC

Semester

: VI

Duration: 3 hours 30 minutes

Maximum Marks: 75

#### Instructions for Candidates

- 1. Write your Roll No. on the top immediately on receipt of this question paper.
- 2. This paper has 2 parts. Both parts are compulsory.

### PART A

Answer any 3 questions.

 $(3 \times 10 = 30)$ 

1. Define Soft skills. Can they be an alternative to Hard skills? Give a reasoned answer.

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- Discuss the major skills necessary to be a team player.
- 3. Bring out the importance of positive body language in the workplace, with at least 2 concrete examples.
- 4. Enumerate and briefly discuss some of the main qualities of a good mentor?
- 5. Identify some of the measures one can adopt to counter workplace bullying.

#### PART B

Attempt any 3 questions.

 $(3 \times 15 = 45)$ 

- 6. Define problem solving as a skill. Discuss how the story 'The Lookout Man' brings out the aspects of critical thinking and problem solving in a vivid and interesting manner.
- 7. Effective Leadership is a delicate combination of personal growth and collective growth. Do you agree? Give a reasoned answer with reference to "How Literature informs notions of Leadership".

- 8. Discuss the role of imagination when one is confronted with failure? Explain with reference to J.K. Rowling's speech, 'The fringe benefits of failure and the importance of imagination.
- 9. Adaptability is an extremely important life skill. Discuss the statement with reference to Somerset Maugham's short story, 'The Verger'.
- 10. Which soft skills are illustrated through "The Builders" by Longfellow and "If" by Kipling?

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[This question paper contains 4 printed pages.]

Your Roll No. 2002

Sr. No. of Question Paper: 3781

A

Unique Paper Code

: 62136939

Name of the Paper

: Indian Theatre

Name of the Course

: B.A. (Prog.) SEC / AEEC,

**LOCF** 

Semester

: VI

Duration: 3 Hours

Maximum Marks: 75

### Instructions for Candidates

1. Write your Roll No. on the top immediately on receipt of this question paper.

2. Unless otherwise required in a question answers should be written either in Sanskrit or in Hindi or in English, but the same medium should be used throughout the paper.

3. All questions are compulsory.

छात्रों के लिए निर्देश

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 इस प्रश्न-पत्र के मिलते ही ऊपर दिए गए निर्धारित स्थान पर अपना अनुक्रमांक लिखिए ।

P.T.O.

- अन्यथा आवश्यक न होने पर, इस प्रश्नपत्र का उत्तर संस्कृत या हिन्दी या अंग्रेजी किसी एक भाषा में दीजिए, लेकिन सभी उत्तरों का माध्यम एक ही होना चाहिए ।
- 3. सभी प्रश्न करने अनिवार्य हैं।

### भाग 'क'

1. रंगमंच की उत्पत्ति और विकास पर प्रकाश डालें।

Describe the origin and Development of theatre.

(15)

## (अथवा) / Or

प्रागैतिहासिक कालीन रंगमंच की स्थिति पर विस्तार से निबन्ध लिखें।
Write a detail note on Pre-historic Stage of Theatre.

2. निम्नलिखित में से किन्हीं तीन पर लघु निबन्ध लिखें:
Write short note any Three of the followings:

 $(5 \times 3 = 15)$ 

- (क) मन्दिर रंगमंच (Temple Theatre)
- (ख) आधुनिक रंगमंच (Modren Theatre)

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- (ग) राज्य स्तरीय रंगमंच (State-level Theatre)
- (घ) लोक रंगमंच (Folk Theatre)

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3. रंगमंच की पभिषा देते हुए भूमिशोधन प्रक्रिया का वर्णन करें। (15)

While giving the definition of theatre, describe the Bhumishodhana process.

### (अथवा) / Or

रंगमंच की पिभषा देते हुए त्र्यस्न रंगमंच का विस्तार से विवेचन करें।
While giving the definition of theatre, Describe Tryasra
Theatre.

4. भाव, विभाव और अनुभाव पर विस्तार से निबन्ध लिखें। (15)

Write a detail note on Bhava, Vibhava and Anubhava.

### (अथवा) / Or

अभिनय की परिभाषा देते हुए आहार्य अभिनय पर प्रकाश डालें।

While giving the definition of Abhinaya, throw light on Aahaarya Abhinaya.

Desnuarianu College Library P.T.O. Kalkan, New Delhi-19  क्थावस्तु की परिभाषा देते हुए, कथावस्तु के प्रकारों का विस्तार से वर्णन करें।

While giving the definition of Kathavastu, Describe the types of Kathavastu in detail. (15)

(अथवा) / Or

नेता किसे कहते हैं प्रकारों सहित वर्णन करें।

What is an Actor (Abhineta), describe the types of Abhineta (Actor)?

Deshbandnu.College Library Kalkaji, New Delhi-19 Sl. No. of Q-P.: 3751

Your Roll No.... 2022

Unique Paper Code: 62313620

Paper Title: Understanding Text, Rituals and Orality in Indian History

Name of Course: B.A. Programme SEC

Semester VI

Time: 3.5 Hours समय : 3.5 घण्टे

Deshbandnu College Library Kelkeji, New Delhi-19 Maximum Marks: 75

पूर्णांक: 75

(Write your Roll No. on the top immediately on receipt of the question paper) (प्रश्नपत्र के मिलते ही ऊपर दिये गए र्निधारित स्थान पर अपना अनुक्रमांक लिखिए)

Note: Answers may be written either in English or in Hindi; but the same medium should be used throughout the paper.

टिप्पणी: इस प्रश्नपत्र का उत्तर अंग्रेज़ी या हिन्दी किसी एक भाषा में दीजिए; लेकिन सभी उत्तरों का माध्यम् एक ही होना चाहिए.

Answer any five questions

1 Discuss the significance of historical documents, rituals and oral traditions in history writing.

इतिहास लेखन में ऐतिहासिक दस्तावेजों, रीति-रिवाजों और मौखिक परंपराओं के महत्व की चर्चा करें।

2 What do you understand by Subaltern Studies? How have scholars associated with it critiqued the existing scholarship and offered new perspective?

निम्नवर्गीय प्रसंग से आप क्या समझते हैं? इससे जुड़े विद्वानों ने किस तरह से मौजूदा विद्वता की आलोचना की है और नए परिप्रेक्ष्य की पेशकश की है?

3 How have scholars critically engaged with the various kinds of archival documents. विभिन्न प्रकार के अभिलेखीय दस्तावेजों के साथ विद्वानों ने आलोचनात्मक रूप से किस प्रकार कार्य किया है।

4 In what ways has the colonial archive filtered our reading of history? How have scholars in the late 20th century critically studied these archives?

औपनिवेशिक संग्रह ने ऐतिहासिक दस्तावेजों के हमारे पढ़ने को किस तरह से फ़िल्टर किया है? 20वीं सदी के अंत में विद्वानों ने इन अभिलेखागारों का समालोचनात्मक अध्ययन कैसे किया है?

5 How have historians engaged with the study of rituals and performance? इतिहासकारों ने रीति रिवाजों और प्रदर्शन के अध्ययन के साथ कैसे जुड़ाव किया है?

6 How have anthropologists engaged with the study of rituals practices and performances? मानवविज्ञानियों (Anthropologists) ने रीति-रिवाजों और प्रदर्शनों के अध्ययन के साथ किस प्रकार से जुड़ाव किया है?

7 How have oral narratives helped in the recovery and writing of histories? मौखिक आख्यानों ने इतिहास को पुनः प्राप्त करने और लिखने में किस प्रकार सहायता की है?

8 What do you understand by the Mnemonics of Speech? Discuss its significance in ways histories have come to be written.

निमोनिक्स ऑफ स्पीच से आप क्या समझते हैं ? इतिहास लिखे जाने के तरीकों से इसके महत्व की चर्चा कीजिए।

9 Critically examine the Imperial Gazetteer of India or James Todd's Annales and Antiquities?

भारत के इंपीरियल गजेटियर (Imperial Gazetteer) या जेम्स टॉड के इतिहास और पुरावशेषों (Annales and Antiquities) का समालोचनात्मक परीक्षण करें?

10 Write short notes on any two of the following

- (A) Adivasis in Colonial India
- (B) Voices from the partition of India
- (C) Report on the Census of India, 1901
- (D) Subaltern Studies Collective

निम्नलिखित में से किन्हीं दो पर संक्षिप्त टिप्पणी लिखिए

(A) औपनिवेशिक भारत में आदिवासी

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- (B) भारत के विभाजन से आवाजें
- (C) उपनिवेशवादी और राष्ट्रवादी अभिजात वर्ग इतिहासलेखन
- (D) सबाल्टर्न स्टडी

[This question paper contains 4 printed pages.]



Your Roll No. 2023

Sr. No. of Question Paper: 3025

E

Marks: 75

Unique Paper Code

: 12033909

Name of the Paper

: Literature in Social Spaces -

SEC (CBCS-LOCF)

Name of the Course

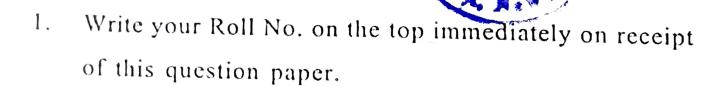
: English

Semester

VI

Duration: 3 Hours

# Instructions for Candidates



2. Students will attempt 3 questions each, from Part A and Part B.

#### Part A

 $(3\times10=30 \text{ marks}).$ 

Answer any 3 of the 5 questions.

- 1. What are soft skills? What role do they play in one's personal and social spaces? Give examples.
- Discuss the stages in the evolution of a team. Also briefly comment upon the benefits and challenges of teamwork.
- 3. What do you understand by mentoring? Is it important for a good leader to also be a mentor? Why?
- 4. What role does emotional intelligence play in maintaining a cordial atmosphere at the workplace?
- What do you understand by problem solving skills?
   Explain with examples.

#### Part B

 $(3\times15=45 \text{ marks}).$ 

Answer any 3 of the 5 questions.

- 6. In what ways are the Creative and Arts graduates more "employment ready" than graduates from other disciplines? Discuss with special reference to the course you are enrolled in.
- 7. Tom Sawyer effectively leads a team by turning his punishment into a privilege. Do you agree? Answer with reference to Mark Twain's 'Whitewashing the Fence'.
- 8. J. K. Rowling says in her speech, "... rock bottom became the solid foundation on which I rebuilt my life." Discuss the importance of failure as a learning tool in the light of the above statement.

- 9. How do you read Longfellow's "The Builders" in the context of teamwork and unity?
- 10. Elaborate on the role of assertiveness as a crucial life skill with reference to W. S. Maugham's short story 'The Verger'.

[This question paper contains 2 printed pages.]



Your Roll No 2023

Sr. No. of Question Paper

3038

 $\mathbf{E}$ 

Unique Paper Code

62313620

Name of the Paper

Understanding Text, Rituals and Orality in Indian

History

Name of the Course

B.A. Programme SEC

Semester/Annual

VI

Duration: 3 Hours

समय : 3 घंटे

Maximum Marks: 75

पूर्णाक : 75

(Write your Roll No. on the top immediately on receipt of the question paper) (प्रश्नपत्र के मिलते ही ऊपर दिये गए निर्धारित स्थान पर अपना अनुक्रमांक लिखिए)

Note: Answers may be written either in English or in Hindi; but the same medium should be used throughout the paper.

टिप्पणी: इस प्रश्नपत्र का उत्तर अंग्रेज़ी या हिन्दी किसी एक भाषा में दीजिए; लेकिन सभी उत्तरों का माध्यम एक ही होना चाहिए.

# Answer any five questions

- 1. How do texts, rituals and oral traditions serve as sources for the writing of Indian history?
- भारतीय इतिहास के लेखन के स्रोत के रूप में ग्रंथ, रीति रिवाजो और मौखिक परंपराएं कैसे काम करती हैं?
- 2. What are the key concepts of Subaltern Studies? How does it critically engage with other historiographical traditions?

सवाल्टर्न स्टडीज की प्रमुख अवधारणाएं क्या हैं? यह अन्य ऐतिहासिक परंपराओं के साथ आलोचनात्मक रूप से कैसे जुड़ता है?

3. How have scholars critically engaged with the various kinds of archival documents. विभिन्न प्रकार के अभिलेखीय दस्तावेजों के साथ विद्वानों ने आलोचनात्मक रूप से किस प्रकार कार्य किया है।

- 4. In what ways has the colonial archive filtered our reading of history? How have scholars in the late 20th century critically studied these archives? औपनिवेशिक संग्रह ने ऐतिहासिक दस्तावेजों के हमारे पढ़ने को किस तरह से फ़िल्टर किया है? 20वीं सदी के अंत में विद्वानों ने इन अभिलेखागारों का समालोचनात्मक अध्ययन कैसे किया है?
- 5. How have historians engaged with the study of rituals and performance? इतिहासकारों ने रीति रिवाजों और प्रदर्शन के अध्ययन के साथ कैसे जुड़ाव किया है?
- 6. How have anthropologists engaged with the study of rituals practices and performances?

मानविज्ञानियों (Anthropologists) ने रीति-रिवाजों और प्रदर्शनों के अध्ययन के साथ किस प्रकार से जुड़ाव किया है?

- 7. How have oral narratives helped in the recovery and writing of histories? मौखिक आख्यानों ने इतिहास को पुनः प्राप्त करने और लिखने में किस प्रकार सहायता की है?
- 8. What do you understand by the Mnemonics of Speech? Discuss its significance in ways histories have come to be written.
  निमोनिक्स ऑफ स्पीच से आप क्या समझते हैं ? इतिहास लिखे जाने के तरीकों से इसके महत्व की चर्चा कीजिए।
- 9. Critically examine the Imperial Gazetteer of India or James Todd's Annales and Antiquities? भारत के इंपीरियल गजेटियर (Imperial Gazetteer) या जेम्स टॉड के इतिहास और पुरावशेषों (Annales and Antiquities) का समालोचनात्मक परीक्षण करें?
- 10. Write short notes on any two of the following
- a. Adivasis in Colonial India
- b. Voices from the partition of India
- c. Report on the Census of India, 1901
- d. Subaltern Studies Collective

निम्नलिखित में से किन्हीं दो पर संक्षिप्त टिप्पणी लिखिए

- a. औपनिवेशिक भारत में आदिवासी
- b. भारत के विभाजन से आवाजें
- c. उपनिवेशवादी और राष्ट्रवादी अभिजात वर्ग इतिहासलेखन
- d. सबाल्टर्न स्टडी

[This question paper contains 4 printed pages.]



Your Roll No. 2023

Sr. No. of Question Paper: 3039

 $\mathbf{E}$ 

Unique Paper Code

: 62313621

Name of the Paper

Radio and Cinema in India:

A Social History

भारत में रेडियो और सिनेमा : एक सामाजिक

इतिहास

Name of the Course

: B.A. Program

Semester / Type

: VI / SEC

Duration: 3 Hours

Maximum Marks

## Instructions for Candidates

- 1. Write your Roll No. on the top immediately on receipt of this question paper.
- 2. Attempt any four questions.
- 3. All questions carry equal marks.
- 4. Answers may be written either in English or Hindi; but the same medium should be used throughout the paper.

# छात्रों के लिए निर्देश

- इस प्रश्न-पत्र के मिलते ही ऊपर दिए गए निर्धारित स्थान पर अपना अनुक्रमांक लिखिए।
- किन्हीं चार प्रश्नों के उत्तर दीजिए।
- सभी प्रश्नों के समान अंक हैं।
- इस प्रश्न-पत्र का उत्तर अंग्रेजी या हिंदी किसी एक भाषा में दीजिए, लेकिन सभी उत्तरों का माध्यम एक ही होना चाहिए ।
- 1. Discuss the early stages in the development of radio in India; and trace the development of radio broadcasting in the interwar period.
  - भारत में रेडियो के विकास के प्रारंभिक चरणों की चर्चा करें; और युद्ध के बीच की अवधि में रेडियो प्रसारण के विकास को बतायें।
- 2. Trace the development of Congress Radio during the Quit India Movement. Also describe the effectiveness of Congress Radio as a means of communication.
  - भारत छोड़ो आंदोलन के दौरान कांग्रेस रेडियो के विकास का पता लगाडइए। संचार के साधन के रूप में कांग्रेस रेडियो की प्रभावशीलता का भी वर्णन कीजिए।

3. Examine B.V. Keskar's views on classical and popular (film) music. Do you think that the popularity of the Radio Ceylon amongst Indian listeners was the key factor behind the founding of Vividh Bharati?

शास्त्रीय और लोकप्रिय (फिल्मी) संगीत पर बी.वी. केसकर के विचारों का परीक्षण कीजिए। क्या आपको लगता है कि भारतीय श्रोताओं के बीच रेडियो सीलोन की लोकप्रियता विविध भारती की स्थापना के पीछे प्रमुख कारक थी?

4. Discuss the evolution of 'Indian cinema' from silent films to talkies.

मूक फिल्मों से टॉकीज तक 'भारतीय सिनेमा' के विकास पर चर्चा करें।

- 5. Write about some of the prominent actresses and their contributions throughout cinema between 1913 to 1940.
  - 1913 से 1940 के बीच कुछ प्रमुख अभिनेत्रियों और पूरे सिनेमा में उनके योगदान के बारे में लिखें।
- 6. Write an essay about development of Indian cinema in the three decades following independence.

स्वतंत्रता के बाद के तीन दशकों में भारतीय सिनेमा के विकास पर एक निबंध लिखिए। 7. Discuss the significance of Hindi film songs in our life.

हमारे जीवन में हिन्दी फिल्मी गीतों के महत्व की चर्चा कीजिए।

8. Write short notes on any two of the following:

निम्नलिखित में से किन्हीं दो पर संक्षिप्त टिप्पणियाँ लिखिए:

(a) Alam ara

आलम आरा

(b) Suman Kalyanpur

सुमन कल्याणपुर

- (c) National Film Archives of India भारत के राष्ट्रीय फिल्म अभिलेखागार
- (d) Gurudatt

गुरुदत्त

[This question paper contains 4 printed pages.]



: 62103649

Unique Paper Code

Name of the Paper

Name of the Course

Duration: 3 Hours

Instructions for Candidates

of this question paper.

attempt any five questions

All questions carry equal marks.

Semester

1.

2.

3.

4.

Sr. No. of Question Paper: 3047

Making (SEC)

(CBCS)

: VI

Write your Roll No. on the top immediately on receipt

Selecting at least two questions from each section

Answers may be written either in English or Hindi;

: Critical Thinking & Decision

: B.A. (Prog.) Philosophy

Maximum Marks: 75

Your Roll No ...

but the same medium should be used throughout the paper. P.T.O.

# छात्रों के लिए निर्देश

- इस प्रश्न-पत्र के मिलते ही ऊपर दिए गए निर्धारित स्थान पर अपना अनुक्रमांक लिखिए।
- प्रत्येक खण्ड से कम से कम दो प्रश्नों का चयन करते हुए किन्हीं पाँच प्रश्नों के उत्तर दीजिए ।
- सभी प्रश्नों के समान अंक हैं।
- इस प्रश्न-पत्र का उत्तर अंग्रेजी या हिंदी किसी एक भाषा में दीजिए, लेकिन सभी उत्तरों का माध्यम एक ही होना चाहिए ।

# Section - A

# रवंड - अ

- 1. What is argument? Differentiate argument from explanation and persuasion.
  - तर्क क्या है? व्याख्या और अनुनय से तर्क को अलग करें।
- What are the various factors that impede argumentative essay writing? Discuss any two of them with appropriate examples.
  - तर्कपूर्ण निवंध लेखन को वाधित करने वाले विभिन्न कारक कौन से हैं? इनमें से किन्हीं दो पर उपयुक्त उदाहरणों के साथ चर्चा कीजिए।

3. What do you mean by credibility? Write an essay on the credibility of news media.

विश्वसनीयता से आपका कया तात्पर्य है? समाचार माध्यमों की विश्वसनीयता पर एक निबंध लिखिए।

4. Define inductive and deductive reasoning. How they differ from one another?

आगमनात्मक और निगमनात्मक तर्क को परिभाषित कीजिए। वे एक दूसरे से कैसे भिन्न हैं?

#### Section - B

#### खंड-ब

5. Discuss different steps of complete thought.

पूर्ण चिंतन के विभिन्न चरणों की चर्चा कीजिए।

- 6. 'Systematic Inference is a double movement'. Discuss.
  - व्यवस्थित अनुगान एक दोहरा आंदोलन है। चर्चा किजिए ।
- 7. What is scientific induction? Explain different methods that control the scientific induction.

वैज्ञानिक आगमन क्या है? वैज्ञानिक आगमन को नियंत्रित करने वाली विभिन्न विधियों की व्याख्या कीजिए।

8. Write short note on any two of the following:

निम्नलिखित में से किन्हीं दो पर संक्षिप्त टिप्पणी लिखिए -

(a) Critical thinking

तर्क-संगत चिंतन

(b) Claim and Issue

दावा और मुद्दा

(c) Analysis and Synthesis

विश्लेपण और संश्लेपण

[This question paper contains 2 printed page Your Roll No.2.023.  $\mathbf{E}$ 

Sr. No. of Question Paper

3168

Unique Paper Code

62123951

Name of the Paper

Learning Skill of Creative Writing (SEC)

Name of the Course

B.A. (Prog.)

Semester

VI

Duration: 3 Hours

Maximum Marks: 75

# Instructions for Candidates

Write your Roll No. on the top immediately on receipt of this question paper

Note: Attempt Question as per the given instructions.

ਨੋਟ: ਹੇਠ ਦਿੱਤੀਆਂ ਹਿਦਾਇਤਾਂ ਅਨੁਸਾਰ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ ਦਿਓ।

ਉ. ਹੇਠ ਲਿਖੇ ਪ੍ਰਸ਼ਨਾਂ ਵਿੱਚੋਂ **ਕੋਈ ਤਿੰਨ** ਪ੍ਰਸ਼ਨ ਕਰੋ :

15X3 = 45

- 1. ਸਿਰਜਣਾਤਮਕ ਲੇਖਣ ਦੇ ਜ਼ਰੂਰੀ ਤੱਤਾਂ ਦੀ ਵਿਸਤਾਰ ਨਾਲ ਜਾਣਕਾਰੀ ਦਿਓ।
- 2. ਸਾਹਿਤ ਅਤੇ ਸੰਚਾਰ ਵਿਚ ਕੀ ਸੰਬੰਧ ਹਨ ਅਤੇ ਸੰਚਾਰ ਲਈ ਸਾਹਿਤ ਦੀ ਵਰਤੋਂ ਦੇ ਕੀ ਲਾਭ ਹਨ।
- 3. ਸਮਾਚਾਰ ਦਾ ਸੰਪਾਦਨ ਕਰਨ ਦੇ ਬੁਨਿਅਦੀ ਸਿਧਾਂਤ ਕਿਹੜੇ ਹਨ? ਸਮਾਚਾਰ ਲਿਖਣ ਵੇਲੇ ਕਿਹੜੀ ਗੱਲਾਂ ਦਾ ਧਿਆਨ ਰੱਖਿਆ ਜਾਂਦਾ ਹੈ?
- 4. ਇੰਟਰਵਿਊ ਲੇਖਣ ਕੀ ਹੁੰਦਾ ਹੈ? ਇੰਟਰਵਿਊ ਲੇਖਣ ਦੀ ਕਲਾ ਉਪਰ ਟਿੱਪਣੀ ਕਰੋ।
- 5. ਰੇਡੀਓ ਅਤੇ ਟੈਲੀਵਿਜ਼ਨ ਇੰਟਰਵਿਊ ਵਿਚ ਬੁਨਿਆਦੀ ਫ਼ਰਕ ਕੀ ਹੈ? ਇਸ ਦੇ ਤਕਨੀਕੀ ਪੱਖਾਂ ਉ
- 6. ਵਿਗਿਆਪਨਾਂ ਦਾ ਕੀ ਮਹੱਤਵ ਹੁੰਦਾ ਹੈ? ਟੈਲੀਵਿਜ਼ਨ ਉੱਤੇ ਪ੍ਰਸਾਰਤ ਹੋਣ ਵਾਲੇ ਵਿਗਿਆਪਨਾਂ ਦੀਆਂ ਕਿ ਬਾਬਤ ਲਿਖੋ।

ਅ. ਹੇਠ ਲਿਖੇ ਪ੍ਰਸ਼ਨਾਂ ਵਿੱਚੋਂ **ਕੋਈ ਤਿੰਨ** ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ ਲਿਖੋ :

10X3=30

- 7. ਖ਼ਬਰਾਂ ਦਾ ਸੰਪਾਦਨ ਕਰਨ ਸਮੇਂ ਕਿਹੜੀਆਂ ਗੱਲਾਂ ਵੱਲ ਧਿਆਨ ਰੱਖਣਾ ਜ਼ਰੂਰੀ ਹੈ? ਵਿਚਾਰ ਕਰੋ।
- 8. ਫਿਚਰ ਲੇਖਣ ਨੂੰ ਪਰਿਭਾਸ਼ਤ ਕਰਦਿਆਂ ਇਸ ਸੰਬੰਧੀ ਸੰਖਿਪਤ ਨੇਟ ਲਿਖੋ।
- 9. ਸੰਚਾਰ ਲਈ ਕਿਹੜੇ ਤੱਤ ਮਹੱਤਵਪੂਰਨ ਹਨ? ਚਰਚਾ ਕਰੋ।
- 10. ਜਨ-ਸੰਚਾਰ ਦੀ ਭਾਸ਼ਾ ਉਪਰ ਆਪਣੇ ਵਿਚਾਰ ਪ੍ਰਗਟ ਕਰੋ।
- 11. ਐਂਕਰਿੰਗ ਦੀ ਕਲਾ ਸਿਖਣ ਲਈ ਕਿਨ੍ਹਾਂ ਗੱਲਾਂ ਵੱਲ ਧਿਆਨ ਦੇਣ ਦੀ ਲੋੜ ਹੈ? ਚਰਚਾ ਕਰੋ।

[This question paper contains 4 printed pages.]



Your Roll No. 2023

Sr. No. of Question Paper: 3552

E

Unique Paper Code : 12033909

Name of the Paper : Literature in Social Spaces

-SEC (CBCS-LOCF)

Name of the Course : SEC B.A (Prog.) English

Semester : VI

Duration: 3 Hours Maximum Marks: 75

# Instructions for Candidates

1. Write your Roll No. on the top immediately on receipt of this question paper.

- 2. This paper has 2 parts.
- 3. Both parts are compulsory.

#### Part A

Answer any 3 questions.  $(3\times10 = 30 \text{ marks})$ 

1. Define Soft skills and explain how they are complementary to Hard skills.

- 2. List and explain any 5 factors which can destroy team spirit.
- 3. Identify and briefly explain the salient qualities of a good mentor.
- 4. Bring out the importance of positive body language in the workplace, with at least 2 concrete examples.
- 5. Suggest 5 measures to combat workplace harassment.

### Part B

Attempt any 3 questions.  $(3 \times 15 = 45 \text{ marks})$ 

6. Effective Leadership is a delicate combination of personal growth and collective growth. Do you agree? Give a reasoned answer with reference to "How Literature informs notions of Leadership".

7. Which skills did William Morris employ to solve the problem in Nicholas Bentley's short story, 'The Lookout Man.'

- 8. Do you agree that taking credit for one's successes is as important as accepting responsibility for one's failures'? Discuss how Tom Sawyer navigates failure to display surprising team management skills in "Whitewashing the fence".
- 9. Discuss the importance of mentorship as Sheryl Sandburg explains it in the piece you have read as part of this course.

10. Discuss the four components of emotional intelligence as identified by Daniel Goleman. Explain with an appropriate example, how we can apply these in real-life situations?

[This question paper contains 8 printed pages.]



Your Roll No

Sr. No. of Question Paper: 4920

Unique Paper Code : 62353607

Name of the Paper : SEC-Statistical Software-R

Name of the Course : **B.A. Programme** 

Semester : VI

Duration: 2 Hours Maximum Marks: 38

# Instructions for Candidates

1. Write your Roll No. on the top immediately on receipt of this question paper.

- 2. All the questions are compulsory.
- Attempt any two subparts of each part in question 1.
   Each subpart is of 1 mark and whole question 1 is of 8 marks.
- 4. In questions 2 to 6, attempt any two parts out of four parts. Each part is of 3 marks and each question is of 6 marks.

- 1. Attempt any two subparts of each part. Each subpart is of 1 mark. This whole question carries 8 marks.
  - (a) (i) Write the R syntax for  $tan^{-1}x$ .
    - (ii) If x=c(1, 2, 3) and y=c(2, 2, 1) then print  $(x^y)$  will give \_\_\_\_\_\_.
    - (iii) sample() command selects \_\_\_\_\_ elements from data, (beginning/random)

(iv) In two digit number, \_\_\_\_\_ digit represent

- the stem value in stem-and-leaf plot. (ones/tens)

  (b) (i) \_\_\_\_ command can be used to view the
- data type of an object. (summary()/class())

  (ii) names () command is used for viewing

  names in data frame, (rows/columns)
  - (iii) Tables can be summarized using the \_\_\_\_\_ command. (apply()/attach())
  - (iv) \_\_\_\_ command is used to generates the sequence of 3 random numbers. (seq(3)/rseq(3))
- (c) State weather TRUE or FALSE
  - (i) getwd() command is used to find the default path of the files saved.
  - (ii) runif(5) creates five random numbers.

- (iii) Data frames are one dimensional.
- (iv) R follows the BODMAS rule for the calculations of mathematical expressions.
- (d) State weather TRUE or FALSE
  - (i) 1s() command removes the defined variable.
  - (ii) barplot() command is used to make bar charts.
  - (iii) R language is key sensitive.
  - (iv) sort() and order() commands gives same output.
- 2. Attempt any two parts. Each part is of 3 marks.
  - (a) Write a command to list all the variables defined ending with 'b'.

Write R syntax to store "Monday", "Tuesday", "Wednesday", "Thursday", "Friday", "Saturday", "Sunday" as a characters in a variable 'days'.

(b) How will you convert a data frame into a matrix and vice-versa?

What are the differences between save() and load() commands for files?

- (c) What is read.csv() command? Differentiate between class() and str() commands.
- (d) Save the commands in a file with name "data". Differentiate between ls() and ls.str() commands.
- 3. Attempt any two parts. Each part is of 3 marks.
  - (a) What is the command for calculating the average of the numbers in the vector x = c (1, 2, 3, 4, 5, NA) in terms of x?

How would you use the seq() command to generate the sequence of first 10 odd numbers?

- (b) In each of the following, explain why there is error in the output.
  - (i) mat = cbind(c(1,2,3), 4:7)
  - (ii) sort(matrix(1:9, nrow = 3))
  - (iii) A = matrix(1:6, ncol = 3); B = matrix(1:6, ncol = 2); A\*B
- (c) Suppose that Data=c(7,8,5,5,3,4,4,6,9,7) is the vector of the 10 numbers. Describe the output of the following commands:
  - (i) length(Data)
  - (ii) Data[c(1,10)]

- (iii) Data[Data>5 | Data==3]
- (d) In each of the following, find the difference between the two commands
  - (i) sort(x, na.last = NA) and sort(x, na.last = FALSE), where x is a vector of numbers along with NA entries?
  - (ii) c(1, 2, c(3, 4)) and list(1, 2, c(3, 4))?
- 4. Attempt any two parts. Each part is of 3 marks.
  - (a) Write the commands to store the data in the following table as a matrix, and find the sum of entries in each column.

|    | C1 | C2 | C3 | C4 |
|----|----|----|----|----|
| R1 | 0  | 15 | 30 | 45 |
| R2 | 5  | 20 | 35 | 50 |
| R3 | 10 | 25 | 40 | 55 |

(b) Write the commands to store the data in the following table as a data frame, and then sort it in the increasing order of the entries in the last column.

|       | Physics | Chemistry | Mathematics |
|-------|---------|-----------|-------------|
| Bob   | 81      | 76        | 91          |
| Alice | 84      | 79        | 94          |
| James | 80      | 74        | 89          |
| Henry | 89      | 81        | 92          |

- (c) Given a 5x5 matrix A, write down commands for making a 5x2 matrix whose first column is the first column of A and the second column is the last row of A. What command will you use to remove the last column from A to make it a 5x4 matrix?
- (d) Suppose that 'Data' is the following data frame.

|          | Gender | Age |
|----------|--------|-----|
| Person-1 | M      | 27  |
| Person-2 | M      | 36  |
| Person-3 | F      | 41  |
| Person-4 | M      | 34  |
| Person-5 | F      | 23  |

Explain what information will be provided when the two commands str(Data) and summary(Data) are run.

- 5. Attempt any two parts. Each part is of 3 marks.
  - (a) Make a list 'grass.l' with data:

mow: 11 16 19 10 17

unmow: 7 8 6 9

Also create a data frame grass.df from grass.l using stack() command and name the columns as 'rich' and 'graze'.

- (b) Write the command of the following in R:
  - (i) Generate n random variables of the normal distribution with mean = 0 and standard deviation = 1.
  - (ii) Select the random sample of 8 items in which repetition of data is allowed from the data named BA which contains 20 items.
  - (iii) Generate n random variables of the uniform distribution.
- (c) Given Datal: 3, 5, 7, 5, 3, 2, 6, 8, 5 6, 9, 4, 5, 7, 3, 4. Write the command of stem and leaf plot for the Datal. Draw the output. Write the command which increase the number of bins.
- (d) Put the part (c) of above Datal in a variable 'y' using scan() command in R. Also give R commands for finding first five terms and the items less than 9 & more than 6 in the variable 'y'.
- 6. Attempt any two parts. Each part is of 3 marks.

The XYZ Company has 6 Products named A, B, C, D, E, F and their sales figures in Q1, Q2, Q3 and Q4 are given as follows:

| Product | Q1 | Q2 | Q3 | Q4 |
|---------|----|----|----|----|
| A       | 10 | 20 | 8  | 12 |
| В       | 6  | 3  | 13 | 10 |
| C       | 20 | 35 | 30 | 50 |
| D       | 30 | 45 | 38 | 62 |
| E       | 21 | 34 | 8  | 40 |
| F       | 60 | 80 | 72 | 90 |

Suppose that the above data is expressed in the form of a matrix named XYZ.

- (a) Give R command of Box-Whisker plot for first three columns of XYZ in one graph.
- (b) With the help of pie chart, write the syntax of the following statements:
  - (i) Express the sales of product A.
  - (ii) Express Q2 results in clockwise direction.
  - (iii) Express the sales of product C starting at an angle corresponding to the position of hour hand in a clock when it is 9' O clock.
- (c) Plot Cleveland dot chart of XYZ. Explain the "cex" and "pch" argument used in plot command.
- (d) You have to express the information with the help of group bar chat. Write the syntax of the following:
  - (i) Make group bar chart of matrix XYZ.
  - (ii) Label the x-axis & y-axis as QUARTER RESULT & SALES FIGURES respectively.
  - (iii) Use the argument "legend" in group bar chart.