



**2023/TDC(CBCS)/EVEN/SEM/
SANDSE-601T (A/B)/250**

TDC (CBCS) Even Semester Exam., 2023

SANSKRIT

(6th Semester)

Course No. : SANDSE-601T

Full Marks : 70

Pass Marks : 28

Time : 3 hours

*The figures in the margin indicate full marks
for the questions*

Candidate have to answer questions *either* from
Option—A or Option—B

OPTION—A

Course No. : SANDSE-601T (A)

(Indian Perspective in Personality Development)

SECTION—A

Answer any *twenty* of the following questions : 1×20=20

1. What is the derivation of the word 'वेद'?

2. What do you mean by 'उपनिषद्'?



(2)

3. Who is the seer (द्रष्टा) of the Rgvedic hymn—
अस्य वामस्य Rg 1.164?
4. What is the source of the 'श्रीमद्भगवद्गीता'?
5. How many शाखाs are there in the 'ऋग्वेद'?
6. How many Ślokas are there in the 'श्रीमद्भगवद्गीता'?
7. Who is गुडाकेश in the *Gītā*?
8. How many sufferings (दुःख) are there in Indian perspective?
9. What is चित्त?
10. The 'श्रीमद्भगवद्गीता' belongs to which पर्व of the 'महाभारत'?
11. What is गुण?
12. What is समाधि?
13. What do you mean by योग?
14. What is सत्त्वगुण?
15. Who is क्षर?

J23/830

(Continued)

(3)

16. Who is केशव?
17. 'छान्दोग्य उपनिषद्' belongs to which वेद?
18. What is the number of principal उपनिषद्s?
19. What is the name of the 15th Chapter of the 'श्रीमद्भगवद्गीता'?
20. Which Chapter of the 'श्रीमद्भगवद्गीता' is known as 'सांख्ययोग'?
21. What type of दान is considered as सात्त्विक दान?
22. What is तामसिक गुण?
23. What is बुद्धि?
24. What is चतुर्वर्ग?
25. What गुण dominates in क्षत्रिय?

SECTION—B

Answer any five of the following questions : 2×5=10

26. Write two divisions of the 'यजुर्वेद'.
27. Write two Atharvavedic उपनिषद्s.

J23/830

(Turn Over)



(4)

28. What are the two basic principles of योगी?
29. Write any two commentators of the 'श्रीमद्भगवद्गीता'.
30. What are the two qualities of सात्त्विक आहार?
31. How to attain ब्रह्म according to the गीता?
32. Write two duties of क्षत्रिय.
33. Write the names of पञ्च महाभूत.
34. What are the attributes of सात्त्विक person?
35. What are the two types of निष्ठा mentioned in the Chapter 3 of the 'गीता'?

SECTION—C

Answer any five of the following questions : 8×5=40

36. What is the significance of कर्म in Indian perspective on personality development?
37. What is the concept of person according to the 'श्रीमद्भगवद्गीता'?

J23/830

(Continued)

(5)

38. What role does 'छान्दोग्य उपनिषद्' play in moulding the personality of a man?
39. What is the significance of controlling the mind and senses in behavioral improvement of person?
40. Discuss the nature of Soul (आत्मा) as mentioned in the *Gītā*.
41. How is स्वधर्म explained in the *Gītā*?
42. Write a note on 'Right Faith' according to the *Gītā*.
43. Explain :
“त्रिविधा भवति श्रद्धा देहिनां सा स्वभावजा।”
44. Write a note on क्षर and अक्षर.
45. What are the measures for behavior improvement according to the *Gītā* and Upaniṣad?

J23/830

(Turn Over)



(6)

OPTION—B

Course No. : SANDSE-601T (B)

(Tools and Techniques for Computing
Sanskrit Language)

SECTION—A

Answer any twenty of the following questions : 1×20=20

1. What is Sanskrit computing?
2. Name the first Sanskrit Unicode font developed for computing.
3. What is romanization in Sanskrit computing?
4. What is the purpose of ITRANS?
5. What is the difference between ASCII and Unicode?
6. What is language computing?
7. Name two programming languages used for language computing.
8. What is Natural Language Processing (NLP)?

(7)

9. What is speech recognition?
10. What is Optical Character Recognition (OCR)?
11. What is corpus in language computing?
12. What is machine learning in language computing?
13. What is the purpose of tokenization?
14. What is Part-of-Speech (POS) tagging?
15. What is Named Entity Recognition (NER)?
16. What is Sanskrit Corpus in Sanskrit computing methodology?
17. What is the role of Sandhi splitting in Sanskrit computing methodology?
18. What is the purpose of lemmatization in Sanskrit computing methodology?
19. What is compound analysis in Sanskrit computing methodology?



(8)

20. What is shallow parsing in Sanskrit computing methodology?
21. What is the purpose of the Sanskrit and Language Computing Survey?
22. Who conducted the first Sanskrit and Language Computing Survey?
23. What is the focus of the Sanskrit and Language Computing Survey?
24. What is the significance of the Sanskrit and Language Computing Survey?
25. How often is the Sanskrit and Language Computing Survey conducted?

SECTION—B

Answer any five of the following questions : $2 \times 5 = 10$

26. What is the significance of the encoding scheme in Sanskrit computing?
27. Explain the concept of Sandhi in Sanskrit computing.

J23/830

(Continued)

(9)

28. Describe the process of Optical Character Recognition (OCR) in language computing.
29. What is the purpose of phonetics in language computing?
30. Discuss the importance of machine learning in language computing methodology.
31. Explain the process of dependency parsing in language computing methodology.
32. What is the purpose of morphological analysis in Sanskrit computing methodology?
33. Discuss the challenges in developing Sanskrit spell checkers.
34. What is the role of standardization in Sanskrit and Language Computing Survey?
35. What are the limitations of the Sanskrit and Language Computing Survey in understanding the scope of Sanskrit and language computing?

J23/830

(Turn Over)



(10)

SECTION—C

Answer any five of the following questions : 8×5=40

36. Analyze the role of Sanskrit Unicode fonts in Sanskrit computing and their significance in preserving Sanskrit texts.
37. Discuss the challenges in developing Sanskrit language processing tools and the approaches used to address these challenges.
38. Compare and contrast the approaches used in Speech Recognition and Optical Character Recognition (OCR) in language computing.
39. Discuss the importance of Natural Language Processing (NLP) in language computing and the advancements in the field.
40. Explain the process of POS tagging in language computing methodology and its significance in NLP.
41. Analyze the importance of text classification in language computing methodology and its applications in various fields.

J23/830

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(11)

42. Discuss the significance of Stemming and Lemmatization in Sanskrit computing methodology.
43. Explain the process of Named Entity Recognition (NER) in Sanskrit computing methodology and its applications.
44. Analyze the trends in the results of the Sanskrit and Language Computing Survey over the years and the changes in the field of Sanskrit and language computing.
45. Discuss the potential applications of Sanskrit and language computing in various fields and the future prospects of the field.

J23—80/830

2023/TDC(CBCS)/EVEN/SEM/
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