



**2021/TDC(CBCS)/EVEN/SEM/  
SANDSE-601T/140**

**TDC (CBCS) Even Semester Exam.,  
September—2021**

**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*

Option-A questions will be answered by Honours  
students and Option-B questions will be  
answered by Pass students

**OPTION—A**

**( For Honours Students )**

Course No. : SANDSE-601T (A)

**( Tools and Techniques for Computing  
Sanskrit Language )**

**SECTION—A**

Answer any *twenty* of the following questions :

1×20=20

1. Which Vedāᅅga is the science of proper articulation and pronunciation of the Vedic phonemes?

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2. What is the place of pronunciation of 'इ'?
3. Who among the following wrote Sanskrit Grammar?
  - (a) Kālidāsa
  - (b) Caraka
  - (c) Pāṇini
  - (d) Manu
 (Choose the correct one)
4. What is the pronunciation place of 'उ'?
5. Give an example of Dhātu (verbal root).
6. Give an example of Samāsa (compound).
7. Give an example of Tiṅ (finite verbal suffix).
8. Name any two online journal/magazine of Sanskrit.
9. \_\_\_ is a shortcut key to save a document in MS-Word. (Fill in the blank)
10. Which software can be used for calculation to record the data safe?
11. Which software can be used for presentation?
12. Name any two online meeting applications.
13. Name any two operating systems of computer.

14. Name any two operating systems of mobile phone.
15. What is the full form of ICT?
16. Name any two browsers to use internet.
17. Touch screen is an input/output device.
18. Keyboard is an input/output device.
19. Mouse is an input/output device.
20. What is RAM?
21. The structure of statements in a computer language is called \_\_\_\_\_. (Fill in the blank)
22. \_\_\_\_\_ refer to the study of hearing and perception of speech sounds. (Fill in the blank)
23. Give an example of text to speech (TTS) technology.
24. Give an example of speech to text (STT) technology.

Give the resultant forms (Q. Nos. 25-28) :

25. पठ् + लट् + तिप् = \_\_\_\_\_
26. गम् + लट् + तिप् = \_\_\_\_\_
27. बाल + डे = \_\_\_\_\_
28. छात्रा + जस् = \_\_\_\_\_



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29. What do you mean by automatic speech recognition (ASR)?
30. Ramā + Ālaya = \_\_\_\_\_  
Rāma + Ālaya = \_\_\_\_\_ (Join in Sandhi)
31. What are the possibilities into which a segment 'र' can be analysed?
32. Give an example of सुप्र + सुप्र in Samāsa (compound).
33. What do you understand by Manuscript?
34. What do you understand by digital library?
35. Name any two digital libraries.
36. What do you understand by bluetooth?
37. What do you understand by Wi-Fi?
38. Name any two Unicode fonts used in regional languages.
39. Name any two Unicode fonts used to type Devanagari.
40. Give an example of any symbol used in Sanskrit typing.

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SECTION—B

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

41. Name some applications for Sanskrit teaching.
42. Name some applications related to Sanskrit tools.
43. What do you mean by phoneme?
44. Analyse any application related to grammar.
45. What do you understand by morphology?
46. What do you understand by Lexicon?
47. What do you understand by Unicode?
48. Write the benefits of Unicode type fonts.
49. Discuss the application related to dictionary.
50. What are the possibilities into which a segment 'Vidyālaya' can be analysed as a Sandhi?

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SECTION—C

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

51. Write a note on development of Sanskrit computing.
52. Write a brief note on Sanskrit teaching learning tools.
53. What do you understand by syntax and semantics?
54. What do you mean by Artificial Intelligence (AI)?
55. Write a note on National Language Processing (NLP).
56. Discuss the importance of grammar in NLP and AI.
57. Discuss the Sanskrit resources for computing.
58. Write a note on Pāṇini Grammar.
59. Write a note on survey of some applications related to Sanskrit and other Indian Language studies.
60. Write a brief survey note on the works going on related to Sanskrit computing.

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OPTION—B

( For Pass Students )

Course No. : SANDSE-601T (B)

**Indian Perspective in Personality Development )**

SECTION—A

Answer any twenty of the following questions :

1×20=20

1. What is the meaning of Veda?
2. What are the two recensions of यजुर्वेद?
3. What is वेदान्त?
4. Which Brāhmaṇa is linked with वृहदारण्यक उपनिषद्?
5. छान्दोग्य उपनिषद् belongs to which वेद?
6. How many काण्डs are there in वृहदारण्यक उपनिषद्?
7. What is the number of principal उपनिषद्s?
8. What is the meaning of 'वृहदारण्यक'?
9. The Gītā belongs to which पर्व of the Mahābhārata?
10. Who is the speaker of the Bhagavadgītā?

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11. What is the name of the Thirteenth Chapter of the *Bhagavadgītā*?
12. Write a synonym of केशव.
13. How many इन्द्रियs have been mentioned by Lord Kṛṣṇa in the Thirteenth Chapter of the *Bhagavadgītā*?
14. “पुरुषः प्रकृतिस्थो हि भुङ्क्ते प्रकृतिजान् गुणान्” —Who is भोक्ता here?
15. Who is क्षर?
16. How many verses are there in the Thirteenth Chapter of the *Bhagavadgītā*?
17. What type of दान is considered as राजसिक दान?
18. What are the three modes of material nature?
19. What is the name of the Seventeenth Chapter of the *Bhagavadgītā*?
20. Name the three types of तपस्या.
21. What type of food is preferred by a man with सात्त्विक qualities?

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12. “सत्त्वानुरूपा सर्वस्य श्रद्धा भवति भारत” —Who is referred here as ‘भारत’?
13. Which type of person worships the evil spirit?
14. What is born out of mode of passion (आसक्ति)?
15. Which Chapter of the *Bhagavadgītā* is known as सांख्ययोग?
16. Who is a स्थितप्रज्ञ?
17. What is योग?
18. “योगक्षेमं वहाम्यहम्” —Who does bear the योग and क्षेम of a मुमुक्षु?
19. Who can remain always steady?
20. What is समाधि?
21. What is the way to actual freedom from all miseries?
22. What is चित्त?
23. What are the natural works of Vaiśyas?



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34. Serving through work is the natural duty of which वर्ण?
35. What is considered equivalent to worship of creator?
36. “सर्वधर्मान् परित्यज्य मामेकं शरणं ब्रज” —Who said this?
37. What type of action can be the cause of bondage?
38. Who knows the difference between ‘work in devotion’ and ‘work for fruitive result’?
39. Which गुण is dominant in a क्षत्रिय?
40. Who is the son of Manu (मनु)?
41. What happens to a person when तमोगुण becomes prominent in him?
42. What are the attributes of a सात्त्विक person?
43. What are the two types of निष्ठा mentioned in the Chapter ‘कर्मयोग’?
44. What is the धर्म of a क्षत्रिय?
45. On what basis the duties of the four वर्णs are distributed?
46. When does Lord Kṛṣṇa manifest himself in this world?

SECTION—B

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

41. What does उपनिषद् deal with?
42. Derive the term ‘उपनिषद्’.
43. Write the name of पञ्चमहाभूत.
44. How is प्रकृति defined in the 20th verse of the Thirteenth Chapter of the *Bhagavadgītā*?

SECTION—C

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

51. Briefly discuss the education system of Vedic period.
52. What role does छान्दोग्य उपनिषद् play in moulding the personality of a man?
53. What are the divisions of human personality according to the *Bhagavadgītā*?



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54. Describe in your own words the relationship between क्षेत्र and क्षेत्रज्ञ according to your prescribed text.

55. Write a note on त्रिगुणs.

56. Explain :

“त्रिविधा भवति श्रद्धा देहिनां सा स्वभावजा।”

57. What is the significance of controlling the mind and senses in behavioural improvement of a person?

58. Write a note on ‘Right Faith’ according to the *Bhagavadgītā*.

59. How is स्वधर्म explained in the *Bhagavadgītā*?

60. Explain :

“यथा दीपो निवातस्थो नेङ्गते सोपमा स्मृता।  
योगिनो यतचित्तस्य युञ्जतो योगमात्मनः॥”

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