



K24U 1676

Reg. No. :

Name :

**Second Semester B.A. Degree (CBCSS – OBE – Regular/Supplementary/
Improvement) Examination, April 2024
(2019 Admission Onwards)
COMPLEMENTARY ELECTIVE COURSE IN SANSKRIT
2C02SKT – Technical Literature in Sanskrit**

Time : 3 Hours

Max. Marks : 40

Instructions : Answer may be written either in **Sanskrit** or in **English**.

Writing **Sanskrit Devanagari** script should be **used**.

- I. Answer **all** questions in **one** or **two** sentences. (6×1=6)
- 1) Who is the author of Lilavati ?
 - 2) Who is the father of Kerala School of Mathematics ?
 - 3) Who is the author of Matangalila ?
 - 4) What is Taccusastra ?
 - 5) Which are the three divisions of Ganita ?
 - 6) Who is the author of Pancasiddantika ?
- II. Write short essay on **any six** : (6×2=12)
- 7) Manusyalayacandrika.
 - 8) What is 'Ara' and 'Nira' ?
 - 9) Branches of scientific literature in Sanskrit.
 - 10) Aryabhatiya.
 - 11) Vrksayurveda.
 - 12) Vedanga Jyotisha.
 - 13) Kayachikitsa.
 - 14) Pancasiddantika.

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- III. Write essay on **any four** : (4×3=12)
- 15) Aryabhatiyabhasya of Kelallur Nilakantasomayaji.
 - 16) Sixfold vertical division of prasada.
 - 17) Ganithayuktibhasa.
 - 18) Carakasamhita.
 - 19) Pancakammalar.
 - 20) Ecological aspects by Kautilya.
- IV. Write long essay on **any two** : (2×5=10)
- 21) Write an essay on scientific Indian astronomy.
- OR
- Give a brief sketch of thoughts on biodiversity and conservation in ancient India.
- 22) Write an essay on Sanskrit literature on medical science.
- OR
- Discuss about scientific methodology in Ancient India.