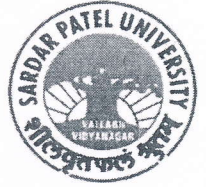


A Charutar Vidya Mandal's Institution
V.P. & R.P.T.P. SCIENCE COLLEGE

(AUTONOMOUS) (Grant-in-Aid)
Affiliated to Sardar Patel University
VALLABH VIDYANAGAR-388120



Bachelor of Science (Semester 1) External Examination - 2024

US01IKBSC11: Indian Astronomy

Date: 23rd November 2024

Time: 11:00 to 12:30

Total marks: 25

Q-1 Multiple Choice Questions

(5 Marks)

- 1) As per Indian mythologies, the name of wife of Vasistha Rushi is _____.
A) Mandakini B) Arundhati C) Gomati D) Rohini
- 2) In Yajurveda Jyotisa total _____ verses.
A) 44 B) 38 C) 36 D) 46
- 3) The vernal equinoxes is denoted by _____.
A) Ω B) γ C) η D) α
- 4) The earth rotates from own axis from _____.
A) West to east E) East to west F) Both way G) None of these
- 5) Zodiac Consists _____ Padas.
A) 108 B) 109 C) 112 D) 120

Q-2 Explain Vedangajyotisa in detail

(10 Marks)

OR

Q-2 1) Write a note on Pole Star and Direction.

(5 Marks)

2) Explain Latitude of Place and Altitude of Pole Star.

(5 Marks)

Q-3 Explain Zodiac, Rasis and Nakshatra system in detail.

(10 Marks)

OR

Q-3 Explain Ecliptic Co-ordinate system and Phenomenon of precession of Equinoxes with appropriate figure.

(10 Marks)

ALL THE BEST

