



K22U 2584

Reg. No. :

Name :

**V Semester B.A./B.Sc./B.Com./B.T.T.M./B.B.A./B.B.A.-T.T.M./B.B.A.-
A.H./B.C.A. /B.A. Afsal-UI-Ulama/B.S.W. Degree (CBCSS – OBE – Regular/
Supplementary/Improvement) Examination, November 2022
(2019 Admission Onwards)
Open Course
5D04PHY : JOY OF STAR WATCHING**

Time : 2 Hours

Max. Marks : 20

SECTION – A

Answer **all** questions. **Each** question carries **1** mark.

1. Define the term 'celestial sphere'.
2. What are variable stars ?
3. What do you understand by magnitude of stars ?
4. Polaris is located in which constellation ?
5. What is meant by right ascension ?
6. The dark areas found in milky way are _____. **(1×6=6)**

SECTION – B

Answer **any 4** questions. **Each** question carries **2** marks.

7. Discuss the two major types of telescopes.
8. Distinguish between the equatorial and alt-azimuth mounting of telescopes.
9. What is meant by vernal equinox and autumnal equinox ?
10. What are comets ? Why do comets have tails ?

P.T.O.

K22U 2584



11. Write a short note on 'Leo' constellation.

12. What is the difference between Astrology and Astronomy ?

(2×4=8)

SECTION – C

Answer **any 1** question. **Each** question carries **6** marks.

13. Discuss briefly about the death of a star.

14. Discuss in detail about the zodiac constellations.

(1×6=6)
