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K19U 2080

Reg. No. : .....

Name : .....

V Semester B.A./B.Sc./B.Com./B.B.A/B.B.A.T.T.M./B.B.A.R.T.M./B.B.M/  
B.T.T.M./B.C.A./BBA (AH)/B.S.W./B.A.Afsal UI Ulama

Degree (CBCSS- Reg./Sup./Imp.) Examination, November-2019

(2014 Admn. Onwards)

OPEN COURSE

5D01PHY B : JOY OF STAR WATCHING

Time : 2 hours

Max. Marks : 20

Instruction : Write answers in English only

**SECTION - A**

(Very short answer type -All questions to be answered -Each question carries 1 mark.) (5x1=5)

- 1 Aldebaran is the brightest star in the .....constellation.
- 2 Neptune is closest in size to which planet?
- 3 Name of our galaxy is.....
- 4 What is the name of the star closest to our sun?
- 5 The study of the origin and evolution of the universe is known as.....

**SECTION - B**

(Short answer type -Three questions to be answered -Each question carries 2 marks.) (3x2=6)

6. Briefly discuss about polar star.
7. Describe the 'Zodiac Constellations' in Kerala culture.

P.T.O.

K19U 2080

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8. Draw Orion constellation.
9. What is Chandrasekhar Limit?
10. What is the difference between astrology and astronomy?

### SECTION - C

(Short-essay/problem type-Three questions to be answered -Each question carries 3 marks.) (3×3=9)

11. How comets are formed?
  12. Explain the Big Bang Theory of evolution of the Universe.
  13. Draw the structure of Milky Way Galaxy and mark the position of sun. Describe the characteristics of our Galaxy.
  14. Explain the life cycle of a star.
  15. What are the precautions to be taken to watch sky properly?
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