



K18U 1620

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./B.S.W./B.A. Afsal UI Ulama Degree (CBCSS – Reg./Sup./Imp.)
Examination, November 2018

Open Course

5D01PHY(B) : JOY OF STAR WATCHING
(2014 Admn. Onwards)

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.

(1×5=5)

1. Which planet is usually the brightest in the sky ?
2. The comet known as Halley's Comet has an average period of
3. Name of our galaxy is
4. Distance of earth from sun is
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.

(2×3=6)

6. Briefly discuss about birth of a star.
7. What are constellations ? Name the 13 stars of the zodiac.
8. Explain big band theory.
9. What is Chandrasekhar Limit ?
10. What is the difference between astrology and astronomy ?

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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. Draw the constellation of Orion. Also mark the different stars in it.
13. Briefly discuss about Milky Way galaxy and draw the structure of it.
14. What is pole star ? How can we locate the pole star starting from Orion ?
15. What are the precautions to be taken to watch sky properly ?

SECTION – B

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

6. Briefly discuss about birth of a star.
7. What are constellations ? Name the 13 stars of the zodiac.
8. Explain big band theory.
9. What is Chandrasekhar Limit ?
10. What is the difference between astrology and astronomy ?