

## English - ICOM Part 2 English chapter 1 Short Questions Preparation

Q1. Why do stars not collide with other stars?

**Ans 1:** Each star travels in its orbit. There is a distance of millions of miles among them. That is why a star seldom finds another star near it. Each star remains away from the other.

Q2. What is the difference between the stars and the planets?

**Ans 1:** The stars are the sun or bodies in space. They have their own heat and light. The planets are the big or small pieces detached from the stars. They do not have their own heat and light but they get it from their sun.

Q3. What is the total number of stars in the universe?

**Ans 1:** The universe contains, perhaps, as many stars as the grains of sand on all the sea-shores of the world. Their number is undoubtedly beyond any counting. Most of these millions of stars are bigger than the earth. Some of them are large enough to contain millions of earths.

Q4. How do the stars travel/journey in space?

**Ans 1:** A few stars travel in groups while others travel alone.

Q5. How big are the stars and how do they travel?

**Ans 1:** Most of the stars are thousands of times larger than the earth. They are so large that hundreds of thousands of earths can be packed inside each star and leave room to spare.

Q6. What is a planetary system?

**Ans 1:** When a wandering star begins to move away, the tidal momentum on the surface of the sun was torn to pieces. These pieces began to move around the sun. These are called planets.

Q7. How, when, and why did life come into existence?

**Ans 1:** According to Sir James Jeans, the planets cooled down gradually. And on the course of time, our earth might have given birth to life. Life started in simple organisms, which reproduce themselves before dying. From these organisms, started a stream of life that ended in the form of human beings.

Q8. What are the temperature belts?

**Ans 1:** A temperature belts is a narrow area surrounding each star at a suitable distance where the temperature is neither too hot too cold for life to exist on it.

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Q9. What is Milky way?

**Ans 1:** Milky way is the system of stars that contain our sun and its planets, seen as a bright band in the night sky.

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Q10. Why is the universe so frightening?

**Ans 1:** The universe is so frightening because of its immense distance, great stretches of time, our littleness and loneliness in space and the impossibility of the existence of life like our own at anywhere else.

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