

International Science Supremo Olympiad (ISSO)

CLASS-6 SAMPLE QUESTION PAPER

The Actual Question Paper Contains 50 Questions. The duration of the Test Paper is 60 Minutes.



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- Which of the following statements are correct?
 - Milky Way is a spiral-shaped galaxy.
 - Planet Venus has 63 Moons.
 - Satellites are small heavenly bodies that revolve around the Sun.
 - One revolution of the Earth is completed in about $365 \frac{1}{4}$ days. This time period is called a solar year.

(A) (i) and (iv) (B) (ii) and (iii)
(C) (i) and (ii) (D) (iii) and (iv)
(E) None of these
- In case of three plane mirrors meeting at a point to form a corner of a cube, if incident light suffers one reflection on each other:
 - The emergent ray is antiparallel to incident one
 - The emergent ray is perpendicular to incident one
 - The incident ray can not emerge
 - All of these
 - None of these
- Which of the following statements is/are true?
 - Moon is a luminous body.
 - An object which does not emit light is called a non-luminous.
 - A ray of light is the path along which light travels.
 - Translucent bodies do not form shadow.

(A) (i) and (iii) (B) (i) and (iv)
(C) (ii) and (iv) (D) (i) and (ii)
(E) None of these
- Lucy loves wood working. She spent time carving a statue, sanding it smooth and painting it. What type of changes occurred to the wood?
 - Reversible change
 - Irreversible change
 - Undesirable change
 - Periodic change
 - None of these
- When a block of ice is dropped gently into a glass of juice, the liquid level in the glass rises. We can conclude from this observation that the block of ice _____.
 - Occupies space
 - Has a fixed mass
 - Can be compressed
 - Has a definite shape
 - None of these
- Which of the following is an example of reversible change?
 - Dissolving salt in water for gargle.
 - A glass falls from the table and shatters on the ground.
 - Burning a piece of paper in fire.
 - Baking a birthday cake for your mother.
 - None of these
- Fishes were kept in Trough A and B. Trough A contained tap water. While Trough B contained boiled water. The fishes in Trough B died while those in Trough A lived. Why?
 - Trough A contains pure water.
 - There were too many impurities in Trough B.
 - Water in Trough A contains dissolved oxygen.
 - Water in Trough B contains dissolved gases.
 - None of these.
- Hard water contains _____.
 - Calcium
 - Potassium
 - (i) & (ii)
 - (i), (ii) & (iii)
 - None of these.
 - Magnesium
 - Iron
 - (ii) & (iii)
 - Only (i)
- Two chemicals used in the process of sterilization of water are _____.
 - Chlorine
 - Ozone
 - (i) & (ii)
 - (i) & (iii)
 - None of these
 - Sulphur
 - Potassium
 - (ii) & (iii)
 - (iii) & (iv)