

77. Consider the following statements:
1. Solar cells are made of silicon and they convert solar energy into electrical energy.
  2. Thorium produces less harmful waste than uranium.
- Which of the statements given above is / are correct?
- (a) 1 only
  - (b) 2 only
  - (c) Both 1 and 2
  - (d) Neither 1 nor 2
78. With reference to Artificial Intelligence System consider the following statements:
1. It learns from experience.
  2. In this, machines perform the same function as human intelligence.
- Which of the statements given above is / are correct?
- (a) Only 1
  - (b) Only 2
  - (c) Both 1 and 2
  - (d) Neither 1 nor 2
79. With reference to 5G technique consider the following statements:
1. It is the next phase mobile network technology from 4G LTE.
  2. It will provide higher download speeds than 4G LTE but lower upload speeds.
- Which of the statements given above is / are correct?
- (a) Only 1
  - (b) Only 2
  - (c) Both 1 and 2
  - (d) Neither 1 nor 2
80. With reference to the applications of robotics consider the following statements:
1. Banking can be made easier through software robotics.
  2. With their help, surgery can be made easier and less risky.
- Which of the statements given above is / are correct?
- (a) Only 1
  - (b) Only 2
  - (c) Both 1 and 2
  - (d) Neither 1 nor 2
81. With reference to germline editing technology consider the following statements:
1. This technology is related to genome editing.
  2. The embryo can be implanted in any human being by this technology.
- Which of the statements given above is / are correct?
- (a) Only 1
  - (b) Only 2
  - (c) Both 1 and 2
  - (d) Neither 1 nor 2
82. With reference to the cloud seed consider the following statements:
1. It is a device to affect the moisture content in clouds.
  2. Potassium chlorate is used for this.
- Which of the statements given above is / are correct?
- (a) Only 1
  - (b) Only 2
  - (c) Both 1 and 2
  - (d) Neither 1 nor 2
83. With reference to nuclear power and reactors consider the following statements:
1. The Indian nuclear power generation program consists of a three-phase program.
  2. Ph.D.W.R. High-purity heavy water is used as diluent and primary coolant.
- Which of the statements given above is / are correct?
- (a) Only 1
  - (b) Only 2
  - (c) Both 1 and 2
  - (d) Neither 1 nor 2
84. With reference to fat consider the following statements:
1. Most unsaturated fats are animal fats.
  2. The body gets less energy from the same amount of fat as compared to carbohydrates.
- Which of the statements given above is / are correct?
- (a) Only 1
  - (b) Only 2
  - (c) Both 1 and 2
  - (d) Neither 1 nor 2