

Technology in Space and Defence - Quiz

Q. What is the purpose of the Global Positioning System (GPS)?

- a) Weather forecasting
- b) Satellite communication
- c) Navigation and positioning
- d) Space exploration

Answer: c) Navigation and positioning

Q. Which international collaboration operates the International Space Station (ISS)?

- a) NASA
- b) European Space Agency (ESA)
- c) United Nations (UN)
- d) Roscosmos

Answer: d) Roscosmos

Q. What is the primary advantage of stealth technology used in military aircraft?

- a) Increased speed
- b) Enhanced maneuverability
- c) Reduced radar signature
- d) Higher payload capacity

Answer: c) Reduced radar signature

Q. Which type of satellite technology is commonly used for military surveillance and reconnaissance?

- a) Geostationary satellites
- b) Polar orbiting satellites
- c) Weather satellites
- d) Communication satellites

Answer: b) Polar orbiting satellites

Q. What is cyber warfare?

- a) Warfare conducted in outer space
- b) Military operations involving drones
- c) The use of computer-based attacks
- d) Biological warfare using viruses

Answer: c) The use of computer-based attacks

Q. Which defense system is designed to intercept and destroy incoming ballistic missiles?

- a) Anti-aircraft guns
- b) Ballistic missile defense
- c) Submarine warfare
- d) Electronic warfare

Answer: b) Ballistic missile defense

Q. What are Unmanned Aerial Vehicles (UAVs) commonly known as?

- a) Rockets
- b) Drones
- c) Satellites
- d) Aircraft carriers

Answer: b) Drones

Q. What is the primary advantage of directed energy weapons?

- a) High cost-effectiveness
- b) Unlimited range
- c) Precision
- d) Low energy consumption

Answer: c) Precision targeting

Q. Which emerging technology has the potential to revolutionize cryptography and data processing?

- a) Artificial intelligence
- b) Quantum computing
- c) Virtual reality
- d) Augmented reality

Answer: b) Quantum computing

Q. What is the primary goal of space tourism?

- a) Conducting scientific research
- b) Commercializing space resources
- c) Expanding human presence in space
- d) Offering civilian space travel experiences

Answer: d) Offering civilian space travel experiences

