

10 X 10 = 100 Marks

- 1. Discuss the effect of failure of pressurization of a cabin on the cabin occupants.
- 2. Discuss the cardiovascular effect of +Gz and-Gz acceleration and ways to counter these.
- 3. EVA and its training.
- 4. LOX.
- 5. Discuss newer generation Anti-G suits.
- 6. Discuss Bends, Creeps, Chokes and Staggers.
- 7. Discuss various methods to combat thermal stress in flying.
- 8. HAPO and HACO.
- 9. Discuss effects of various phases of spaceflight on the cardiovascular system.
- 10. Discuss complications of hyperbaric oxygenation.

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