

Aviation Quiz

1. The code “VT” which is generally seen just before the rear exit door and above the windows of an aircraft indicate
 - a. Victorian Territory
 - b. Virtual Terminal
 - c. Verifiers Toolkit
 - d. Variable Transient
2. NATO reporting name of Mikoyan MiG 29
 - a. Frogfoot
 - b. Fulcrum
 - c. Fullback
 - d. Fritz
3. Full form of MARS in aviation
 - a. Maintenance And Repair System
 - b. Mid Air Refueling System
 - c. Main Aviation Resource System
 - d. Main Rotar Restart System
4. First IAF Helicopter formation display team
 - a. Sarang
 - b. Suvarna
 - c. Suryakiran
 - d. Dhruv
5. ARPIT by IAF is a system for
 - a. Transportation of injured soldiers in field
 - b. Rescue system for people affected by flood
 - c. Transportation of COVID patients
 - d. Search and rescue in aircraft accidents
6. Aircraft carrier known as “Grand Old Lady”
 - a. INS Vikrant
 - b. INS Vikramaditya
 - c. INS Asvini
 - d. INS Viraat
7. Chicken gun refers to
 - a. Emergency landing because of a flock of birds
 - b. Shooting bird carcasses to airplane engines
 - c. A bird dies in airplane engine
 - d. Weapon systems in aircrafts
8. Name given to specially designed aircraft used by US President
 - a. Airforce America
 - b. Airforce Omega
 - c. Airforce Elect
 - d. Airforce One
9. The process whereby airflow over the propeller blades of a failed engine keeps the propeller turning is called?
 - a. Propeller braking
 - b. Wind milling
 - c. Emergency braking
 - d. Reverse control

10. The blade twist in the propeller helps?
 - a. Even out the thrust along the length of the blade.
 - b. Reduce noise levels
 - c. Make propelling easier
 - d. Increase the friction between the blades
11. The purpose of the ventral fin on a helicopter is to provide
 - a. Directional stability
 - b. Lateral stability
 - c. Longitudinal stability
 - d. Velocity
12. The vertical flight of a helicopter is controlled by
 - a. Increasing or decreasing the RPM of the main rotor
 - b. Cyclic pitch changes
 - c. Collective pitch changes
 - d. Any of the above
13. What is the purpose of the swash plate in a helicopter?
 - a. Transmits control inputs to rotor head
 - b. It disconnects the rotor whenever the engine stops or slows below the equivalent of rotor RPM
 - c. Coordinates control inputs from hydraulic pack
 - d. Transmit engine inputs to cockpit
14. Identify the airplane?



- a. Antonov
 - b. Embraer
 - c. Boeing
 - d. Airbus
15. The first indigenous fighter aircraft of India designed and built by HAL.
 - a. HF 25 MKI
 - b. HT 2
 - c. HT 3 MKI
 - d. HF 24



Compiled by:

Dr Preethi R,

Resident, 43 MD Course (Aerospace Medicine), Institute of Aerospace Medicine, Indian Air Force, Bengaluru, Karnataka, India.

E-mail: preethinsruthi@gmail.com

Answers to the Aviation Quiz

Solutions: 1 (a), 2 (b), 3 (b), 4 (a), 5 (c), 6 (d), 7 (b), 8 (d), 9 (b), 10 (a), 11 (a), 12 (c), 13 (a), 14 (a), 15 (d).