

# Aerospace Medicine Quiz

- Which one of the following is true for Armstrong's line
  - Practical limit for breathing 100% oxygen
  - Astronaut wing awarded by NASA
  - Body fluids vaporize
  - Blackness of space
- The pioneering human steps into space, beginning with Yuri Gagarin's flight on-----
  - 12 April 1961
  - 23 June 1960
  - 12 Jan 1961
  - 30 May 1959
- Within 3 to 5 days in space the total plasma volume decreases by about----
  - 65%
  - 45%
  - 35%
  - 22%
- In general the operating pressure inside a space suit (NASA) is
  - 12 to 14 psi
  - 3.5 to 4.5 psi
  - 1 to 2 psi
  - 2.5 to 3.5 psi
- Neutral Buoyancy facility is used to simulate
  - Microgravity
  - Head-ward Fluid shift
  - CVS deconditioning
  - Extravehicular activity
- Which one of the following aircraft is used to simulate microgravity
  - C-130
  - KC-135
  - Boeing
  - IL 38
- The frequency of Sunrise witnessed by the astronaut during the orbital flight
  - Every 45 min
  - Every 90 min
  - Every 135 min
  - Every 180 min
- The incidence of SMS reported by the crew in spacecraft of smaller size like Mercury and Gemini was -----than crew reported when travelled in spacecraft of larger size like Apollo and Skylab
  - More
  - Less
  - Same
  - Much higher

9. The space flight is considered as long duration space flight, when the duration of flight increases more than
- a 7 days
  - b 14 days
  - c 30 days
  - d 45 days
10. Using the rocket technology, travelling between Earth and Mars will require a total mission duration of
- a 365 days
  - b 512 days
  - c 972 days
  - d 490 days