

Aerospace Medicine Quiz

1. The concentration of Carbon Dioxide in ISS is:
 - (a) 2-4mmHg
 - (b) 4-6mmHg
 - (c) 0.25-0.56mmHg
 - (d) 0.45-0.75mmHg
2. The capability of crew escape system was observed in:
 - (a) Apollo
 - (b) Soyuz T-10A
 - (c) Shenzhou
 - (d) None of the above
3. NASA Twin study on Astronaut Scott Kelly has shown all of the following except:
 - (a) Carotid artery thickening
 - (b) Telomere lengthening
 - (c) Hyperopic shift
 - (d) Myopic shift
4. Space adaptation backache is seen typically up to:
 - (a) First 2 days
 - (b) First 3 days
 - (c) First week
 - (d) First month
5. Entry motion sickness is observed during which phase of space flight:
 - (a) Re adaptation phase
 - (b) Entry phase
 - (c) Docking phase
 - (d) None of the above
6. All of the following can cause Headache during spaceflight except:
 - (a) Space Adaptation Syndrome (SAS)
 - (b) Cephaloid fluid shift
 - (c) Hyperventilation
 - (d) Dehydration
7. Musculoskeletal recovery post long duration space mission depends on all of the following except:
 - (a) Deconditioning
 - (b) Flight duration
 - (c) Countermeasure performance
 - (d) Preflight physical status
8. Space is defined as altitude above:
 - (a) 50 miles
 - (b) 62 miles
 - (c) 72 miles
 - (d) 82 miles
9. Hardware to support In-flight exercise countermeasures:
 - (a) CEVIS
 - (b) COLBERT
 - (c) TVIS
 - (d) All of the above

10. Which of the following is true about long duration space mission:
 - (a) DNA changes are irreversible
 - (b) Hyperopic vision shift
 - (c) Both
 - (d) None of the above
11. What is worn by astronauts as an inner before donning the space suit?
 - (a) Time managed garment
 - (b) Thermal Comfort Undergarment
 - (c) Liquid cooling and ventilation garment
 - (d) Both b & c
12. Who was the first woman in space?
 - (a) Svetlana Savitskaya
 - (b) Valentina Tereshkova
 - (c) Sally ride
 - (d) Mae Jemison
13. What happens to the Central Venous Pressure immediately on entering microgravity?
 - (a) Increase
 - (b) Decrease
 - (c) Remains same
 - (d) None of the above
14. In the Apollo 11 mission, what was the name of Command Module?
 - (a) Eagle
 - (b) Columbia
 - (c) Challenger
 - (d) Endeavour
15. How many revolutions does the ISS make around the Earth in a day?
 - (a) 12
 - (b) 14
 - (c) 16
 - (d) 18

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Answers for Space Medicine Quiz

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