Aviation Medicine Quiz

1. The best fire extinguisher to be used in HBOT chamber
   (a) CO₂ cylinder  (b) Water  (c) Foam  (d) Inert gas

2. Which of the following drug used as a counter measure of fatigue is recently reported with episodes of Transient Global Amnesia
   (a) Zolpidem  (b) Zaleplon  (c) Ramelteon  (d) Temazepam

3. The Domino theory was first put forth by
   (a) Bird  (b) Heinrich  (c) Vincoli  (d) Loftus

4. Auto-feathering is a typical feature of which class of engine?
   (a) Turbojet  (b) Turbo prop  (c) Turbofan  (d) Turboshaft

5. Which is not a functional test for knee?
   (a) Modified duck walk  (b) Cut & pivot  (c) Apley’s scratch  (d) Zig-zag

6. Which among the following is a cause for short QT interval?
   (a) Hypokalemia  (b) Hypomagnesaemia(c) Hypercalcaemia  (d) Hypothyroidism

7. First successful take-off from a ship was performed by:
   a) C R Simpson  b) Eugene Ely  c) Durnford  d) Adrian Baker

8. An HIV person should NOT receive following vaccines; EXCEPT:
   a) BCG  b) Typhoid  c) Rabies  d) Yellow Fever

9. Most common inherited bleeding disorder is:
   a) Hemophilia A  b) Von Willebrand disease  c) Christmas disease  d) Anti thrombin III deficiency

10. Total number of Annexes as per Chicago convention is:
    a) 18  b) 16  c) 14  d) 10

11. Standard dose of Thallium-201 in a Myocardial Perfusion Imaging is:
    a) 50 MBq  b) 20 MBq  c) 80 MBq  d) 110 MBq

12. The most commonly recovered bacterial genera from the air of ISS are all except:
    a) Staphylococcus  b) Salmonella  c) Micrococcus  d) Bacillus

13. The tangential velocity of Earth’s surface at the equator is:
    a) 2050mph  b) 1040mph  c) 3000mph  d) 2500mph

14. The phenomenon that women are treated less optimally in the management of coronary heart disease than men is known as:
    a) White women syn  b) Fryns syn  c) Yentl syn  d) Cogan syn
15. Highest contrast sensitivity of human eye is seen at:
   a) 2-4cpd  b) 5-10cpd  c) 1-2cpd  d) 10-15cpd

16. Approximate level of increase in UV radiation for each Km increase in altitude is:
   a) 20%  b) 2%  c) 15%  d) 6%

17. The best test for Night vision available at present is:
   a) Fransworth test  b) Goldmann-weekers adaptometer  c) Hecht-Shlaer adaptometer  d) Wald adaptometer

18. Horton’s headache is the other name of:
   a) Migraine  b) Tension headache  c) Vascular headache  d) Cluster headache

19. “Dobson unit” is used to measure:
   a) Ozone  b) Carbon monoxide  c) UV rays  d) X-rays

20. Jefferson’s fracture occurs in which vertebrae:
   a) C2  b) C7  c) C1  d) C3