

# Rajiv Gandhi University of Health Sciences

**M.D. Degree Examination – MAY-2019**

**[Time: 3 Hours]**

**[Max. Marks: 100]**

## **Aviation Medicine**

### **PAPER - III**

**Q.P. CODE: 9173**

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

#### **Answer All The Questions**

**10 X 10 = 100 Marks**

1. Enumerate the centrally mediated illusions. Discuss one of them in detail.
2. Discuss the anthropometric standards for aircrew selection in IAF. Discuss the recent changes in the policy.
3. Discuss the salient features for aeromedical evaluation of cockpit with potential toe strike during ejection.
4. Multi Functional Display (MFD).
5. Underwater Escape System.
6. Location aids in PSP.
7. Limitations of NVG in fighter operation.
8. Describe the various steps for certification procedures for a newly developed aircrew helmet.
9. Aeromedical consideration for air evacuation of a case of Coronary Artery Disease.
10. Fatigue research in the IAF in the recent past.

\*\*\*\*\*