

Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – MAY-2019

[Time: 3 Hours]

[Max. Marks: 100]

Aviation Medicine

PAPER - IV

Q.P. CODE: 9174

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. An aircrew reported with an episode of loss of consciousness while flying a fighter aircraft. Discuss the evaluation and disposal of such an aircrew.
2. Discuss the significance of various spinal conditions which entail a candidate unfit for flying duties during initial medical examination.
3. There has been a fatal aircraft accident. Discuss the collection and further disposal of samples of analysis.
4. A transport aircrew met with an RTA and sustained severe head injury with post traumatic amnesia. Discuss the evaluation and disposal of the aircrew.
5. DSH in aircrew.
6. CONOPS and SUSOPS. Discuss the aeromedical issues and suggest ways to resolve.
7. Speech audiometry.
8. Discuss management and aeromedical disposal of a case of prediabetes.
9. Importance and significance of MRI whole spine in evaluation of an aircrew post ejection.
10. Stress management and its importance in aviation.

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