

162-NR

M.D. DEGREE EXAMINATION – APRIL, 2013

SYSTEMIC PHYSIOLOGY

Paper-III : CNS, CVS, RS and Special Senses

Time: 3 Hours

Max. Marks:100

Note: Answer all questions

All questions carry equal marks

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WRITE SHORT ESSAYS ON THE FOLLOWING:

1. Explain the genesis of slow wave sleep and REM sleep
2. Define synaptic, plasticity and discuss its relation to learning
3. Taste pathway.
4. Discuss the formation, circulation, composition and functions of aqueous humour in eye
5. Regulation of cardiac output
6. Oxygen therapy.
7. Explain limbic system and enumerate functions of the system
8. Trichromatic theory of colour vision.
9. Discuss the nervous regulation of respiration.
10. Explain weightlessness in space.

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