

Sl.No. M21121

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VINAYAKA MISSION'S RESEARCH FOUNDATIONS, SALEM
(Deemed to be University)

B.SC (ALLIED HEALTH SCIENCES) DEGREE EXAMINATION
August 2019
First Year
PHYSIOLOGY

Time: Three hours

Maximum: 75 marks

- I. Write an Essay on any **ONE** of the following: (1 x 20 = 20)
1. Neural regulation of respiration.
 2. Define cardiac output, stroke volume. Explain the regulation of cardiac output.
- II. Write short notes on any **TWO** of the following: (2 x 10 = 20)
3. Define GFR. Explain the factors regulating GFR.
 4. Short regulation of blood pressure.
 5. Explain ovarian changes occur in menstrual cycle.
 6. Formation and functions of CSF.
- III. Write short answers on any **SEVEN** of the following: (7 x 5 = 35)
7. Erythroblastosis fetalis.
 8. Action potential.
 9. Composition and function of saliva.
 10. Juxtaglomerular apparatus.
 11. Methods to measure cardiac output.
 12. Functions of growth hormone.
 13. Spermatogenesis.
 14. Define hypoxia and its types.
 15. Conducting system of heart.
 16. Functions of thalamus.
