

**KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES
WARANGAL, TELANGANA STATE – 506 002**

THIRD BNYS PART- II YEAR DEGREE EXAMINATIONS: NOVEMBER, 2024

HYDROTHERAPY

PAPER– I

Time: 3 Hours

Max Marks: 80

Note: Answer all questions

Give diagrammatic representation wherever necessary.

Write an essay on the following:

2 X 10 = 20

1. Effect of heat on skin and respiratory system.
2. Explain the physical and chemical properties of water. Add a note on importance of water in human body.

Write a short note on the following:

10 X 5 = 50

3. Explain heat production.
4. Effect of cold on digestive system.
5. Explain the functions of skin.
6. Explain in detail about phenomena and rationale of reaction.
7. Brief about historical highlights of hydrotherapy.
8. Effect of heat upon nervous system.
9. Effect of cold upon respiration.
10. Over reflex areas changes produced by heat and cold application.
11. Place of water in acute diseases.
12. Effect of cold upon skin.

Write briefly on the following:

5 X 2 = 10

13. Define suppression of reaction.
14. Tactile sense.
15. Define hydrotherapy.
16. Calorimetry.
17. Superficial reflex areas.
