

KARNATAKA NURSING & PARAMEDICAL SCIENCES EDUCATION (REGULATION) AUTHORITY
KARNATAKA STATE DIPLOMA IN NURSING EXAMINATION BOARD
GNM THEORY EXAMINATION – JULY / AUGUST 2024
1st YEAR - BIO-SCIENCE - PAPER – I
(Anatomy, Physiology and Microbiology)

(Note: Draw a neat and labelled diagram wherever necessary)

DURATION: 3 HOURS
TIME: 2.00 PM to 5.00 PM

MAX. MARKS: 75

Give the meaning of the following

1 x 4 = 4

1. Hypersensitivity
2. Immunity
3. Extension
4. Mastication

Fill in the blanks

1 x 4 = 4

5. Adult human body consists of _____ numbers of bones
6. Life span of RBC is _____ days
7. _____ is the pacemaker of the heart
8. Supra renal gland is also called as _____

Write short notes for any FOUR of the following

4 x 4 = 16

9. Structure of skin
10. Structure of trachea
11. Structure of ear
12. Biomedical waste management
13. Structure of femur bone

Answer the following

3+4=7

14. List the organs of Respiratory system
15. Describe the structure of lungs with a neat labelled diagram

3+5=8

16. List the organs of digestive system
17. Describe the stomach with a neat labelled diagram

State whether the following statements are TRUE or FALSE

1 x 4 = 4

18. Optic nerve is first cranial nerve
19. Cardiac muscles are involuntary muscles
20. Leprosy is caused by mycobacterium lepri
21. The act of swallowing is deglutition

Write short notes for any FOUR of the following

4 x 4 = 16

22. Menstrual cycle
23. Pulmonary circulation
24. Functions of kidney
25. Blood groups
26. Methods of sterilization

Answer the following

27. Classify joints
28. Explain synovial joints

3+5=8

29. List the muscles of head and neck
30. Explain functions of muscles

3+5=8