

Date: 02-01-2024

Q.P.CODE: 9111

Reg. No:

KARNATAKA NURSING & PARAMEDICAL SCIENCES EDUCATION (REGULATION) AUTHORITY
KARNATAKA STATE DIPLOMA IN NURSING EXAMINATION BOARD
GNM THEORY EXAMINATION – JANUARY 2024
1st YEAR - BIO-SCIENCE - PAPER – I
(Anatomy, Physiology and Microbiology)
(Note: Draw a neat and labelled diagram wherever necessary)

DURATION: 3 HOURS

TIME: 9.00 AM to 12.00 PM

MAX. MARKS: 75

Give the meaning of the following

1 x 4 = 4

1. Adduction
2. Fertilization
3. Cytology
4. Immunity

Fill in the blanks

1 x 4 = 4

5. _____ is known as Master Gland.
6. _____ is the longest and strongest bone of human body.
7. _____ is the best method of sterilization
8. The Middle layer of heart is called as _____.

Write short notes for any FOUR of the following

4 x 4 = 16

9. Structure of heart.
10. Ball and socket of a joint
11. Structure of brain.
12. Nosocomial Infection.
13. Classification of hypersensitivity

Answer the following

3+4= 7

14. List the organs of Excretory System.
15. Explain in detail regarding the formation and composition of urine.

3+5=8

16. List the Muscles of Head and Neck.
17. Explain the functions of muscles.

State whether the following statement are TRUE or FALSE

1 x 4 = 4

18. The Spinal cord lies outside the Vertebral column.
19. Progesterone is hormone produced by corpus luteum.
20. Mandible bone is the only movable bone of the skull.
21. Autoclaving is a method of disinfection.

Write short notes for any FOUR of the following

4 x 4 = 16

22. Functions of liver.
23. Blood Groups.
24. Menstrual cycle
25. Cranial nerves.
26. Classification of bacteria

Answer the following

4+5 = 9

27. Draw a neat diagram of Ear.
28. Explain the physiology of hearing.

3+4 = 7

29. Describe the factors affecting growth of microbes.
30. Explain in detail regarding the Mode of Transmission of Infection.