

Date: 17/01/2022

Q.P. CODE: 9111

Reg No:

KARNATAKA STATE DIPLOMA IN NURSING EXAMINATION BOARD
GNM THEORY EXAMINATION – JANUARY-2022
1ST YEAR GNM PAPER-I BIO-SCIENCE (Anatomy, Physiology and Microbiology)
(Note: Draw a neat & labelled diagram wherever necessary)

Time: 3 Hours
2.00p.m. to 5.00p.m.

Max Marks: 75

Give the meaning for the following:

1 × 4 = 4

1. Pulse
2. Abduction
3. Osmosis
4. Disinfection

Fill in the blanks:

1 × 4 = 4

5. The organ of locomotion in bacteria is _____
6. The inner layer of the heart is called as _____
7. The largest organ in the body is _____
8. The bat shaped bone is _____

Write short notes on any FOUR of the following

4 × 4 = 16

9. Structure of a human cell
10. Factors influencing growth of bacteria
11. Structure of Kidney
12. Composition of blood
13. Structure of stomach

Answer the following

14. Classification of joints
15. Explain any one of the ball and socket joint in detail
16. List the organs of female reproductive system
17. Explain the structure of uterus

3 + 4 = 7

3 + 5 = 8

State whether the following Statements are TRUE or FALSE

1 × 4 = 4

18. Lysosomes are the suicidal bags of cell
19. Optic nerve is the third cranial nerve
20. Nose is the organ of taste
21. Pulmonary veins carry deoxygenated blood to the heart

Write short notes on any FOUR of the following

4 × 4 = 16

22. Measures to prevent COVID-19 Infection
23. Function of Liver
24. Formation of Urine
25. Nosocomial infection
26. Factors affecting heartrate

Answer the following

27. Draw a neat diagram of an eye
28. Explain the physiology of vision
29. List the organs of respiratory system
30. Explain the physiology of respiration

3 + 4 = 7

4 + 5 = 9

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