SHREE H.N. SHUKLA NURSING SCHOOL
GNM 1st YEAR
PRELIMINARY EXAM
BIO-SCIENCE

TOTAL MARKS: - 75 **DURATION:-3 HOURS**

Q-1) LONG ESSAY

a. Define tissue. 02
b. Explain the cell cycle. 04
c. Explain the types of connective tissues in detail. 06

Q-2) LONG ESSAYS

a. Explain about the components of blood. 03
b. Discuss the process of blood clotting. 04
c. Explain in detail the circulation of the blood in heart. 05

Q-3) SHORT NOTES (ANY 2 OUT OF 4) 02X6=12

a) Role of Robert Koch in microbiology
b) Bacterial structure
c) Growth factor for bacteria
d) Nursing importance in microbiology

Q-4) SHORT ANSWERS 03X4=12

a) Structure and function of the stomach.
b)Explain the layer wall of the alimentary canal.
c)Explain the oral cavity.
d) Structure and functions of the small Intestine and Large Intestine.

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Q-4) SHORT ANSWERS (ANY 3 OUT OF 4) 03X4=12

a)Structure and function of the stomach.
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Q-5) DEFINE TERMS (ALL COMPULSORY) **02X6=12**

1) Culture 2) Bacteria 3) Microbiology
4) Fungi 5) Gliding movement 6) Cell

Q-6) FILL IN THE BLANKS **01X5=05**

1) _____ is known as the pacemaker of the Heart.
2) Circumduction follows the series of movements _____ , _____ , _____ & _____
3) _____find the rabies vaccine in 1885
4) _____is the father of the microbiology
5) _____ who first observe the bacteria

Q-7) TRUE OR FALSE **01X5=05**

1) Edward Jenner find small pox vaccine in 1796
2) Flagella that present in viral cell
3) Mitral valve is located on the left side of heart.
4) Circumflex artery is the branch of Right coronary artery.
5) Klebsialla bacteria normally found in the human intestine.

Q-8) MATCH THE FOLLOWING: -

1) Caudal	a) divide body into anterior and posterior
2) Plantar Flexion	b) middle of the body
3) Ipsilateral	c) close to the lower end of body
4) Coronal Plane	d) on the same side of the body
5) Mid saggital Plane	e) angle increases

*****BEST OF LUCK*****

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