

Time: 3 Hours

SECTION – I

Max. Marks: 75

I. Give the meaning of the following

1x4=4

- a) Foramen magnum b) Cartilage c) Spore d) Infection.

II. Fill in the blanks

1x4=4

- a) The _____ is the largest bone of the foot.
b) The bat shaped bone is _____ bone
c) Thread like structures arising from cytoplasm and extending out through cell wall is called _____
d) The middle layer of the Heart is _____

III. Write short notes on any THREE of the following

4x3=12

- a) Structure of the Heart.
b) Structure of the Liver.
c) Bones of the wrist and hand.
d) Ball & socket joint

IV. Draw a neat diagram of clavicle bone and explain

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V. Write the structure of Kidneys, Ureters and Urinary bladder.

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VI. a) Define Sterilization.

1+4=5

- b) Explain the Autoclaving method of Sterilization.

SECTION – II

VII. State whether the following statements are TRUE or FALSE

1x4=4

- a) The double layer of peritoneum is called Mesentry.
b) Sources of infection within the body are called Exogenous.
c) The nerve cell do not generate impulses
d) Tetanus is caused by clostridium tetani.

VIII. Choose the correct answer and write

1x3=3

- a) Growth of Micro organisms in the presence of Oxygen
i) Aerobic ii) Anaerobic iii) Father of Microbiology
b) The inner most layer of the Uterus is
i) Endocardium ii) Endometrium iii) Perimetrium
c) Electron Microscope is discovered by
i) Ruska ii) Joseph Lister iii) Louis Pasteur

IX. Write short notes on any THREE of the following

5x3=15

- a) Classification of Bacteria b) Physiology of Vision c) Cardiac cycle
d) Function of Ovaries e) Pulmonary circulation.

X. Explain the functions of Skin

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XI. a) List the organs of respiratory system.

2+5=7

- b) Explain the functions of Pharynx.

KSDNEB

