



National Testing Service Pakistan

Plot # 96, Street # 4, H-8/1 Islamabad

BASIC MEDICAL SCIENCES

SAMPLE PAPER

TIME ALLOWED: 2:20 HOURS (Section B and C) 10 Minutes (Section A)

TOTAL MARKS: SECTION A = 10, B AND C = 40

ANSWER ALL QUESTIONS FROM SECTION A

ANSWER ANY THIRTEEN PARTS FROM SECTION B AND TWO QUESTIONS FROM SECTION C

SECTION B

Q. 2 Answer any THIRTEEN parts. The answer to each part should not exceed 2 to 4 lines. (13 x 2= 26)

- (i) What is Rough Endoplasmic Reticulum? Also write its function.
- (ii) Name the stages of mitosis. How many daughter cells will be produced after mitotic division?
- (iii) What is Homeostasis?
- (iv) What are the functions of Thoracic Cage?
- (v) Name the contents of Pelvic Cavity.
- (vi) What are Meninges? What does CSF stand for?
- (vii) What are the Respiratory functions of Nose?
- (viii) Name the Permanent Teeth. Which set of teeth is absent in "Milk Teeth"?
- (ix) Draw a labelled diagram of stomach.
- (x) Name the bones and joints of Lower Limb.
- (xi) Name Enzymes and Hormones of Pancreas. Also write one function of each.
- (xii) Write down any two functions of skin.
- (xiii) Name the parts of Aorta and its main branches.
- (xiv) What is Diaphragm and its function?
- (xv) What is shoulder girdle?
- (xvi) What is Gall Bladder and its function?
- (xvii) Define Physiology.

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SECTION – C (Marks 14)

Note: Attempt two questions. All questions carry equal marks.

(2 x 7 = 14)

Q.1 Discuss Blood in detail.

Q.2 Name the Organs of Excretory system. Draw a labelled diagram of Nephron.

Q.3 Draw a labelled diagram of a Neuron. Describe the type of Neuron.