

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES

TELANGANA STATE, WARANGAL – 506 002

BUMS FIRST PROFESSIONAL DEGREE EXAMINATIONS: MARCH, 2026

**MUNAFEUL AZA
(HUMAN PHYSIOLOGY)**

PAPER-II

Time: 3 Hours.

Max Marks: 100

Note: Answer all questions.

Give Diagrammatic representation wherever necessary.

Write ALL of the following Multiple Choice Questions:

20 X 1 = 20

1. Which structure senses low blood pressure?
 - a) Distal tubule
 - b) Juxtaglomerular apparatus
 - c) Loop of Henle
 - d) Proximal tubule
2. What is normal plasma creatinine level?
 - a) 0.6-1.2mg/dL
 - b) 1.5-2.5 mg/dL
 - c) 2.5-3.5 mg/dL
 - d) 3.5-4.5 mg/dL
3. Which part of nephron is most permeable to water?
 - a) Distal tubule
 - b) Proximal tubule
 - c) Ascending loop
 - d) Collecting duct
4. Which process moves substances from peritubular capillaries into tubule?
 - a) Filtration
 - b) Reabsorption
 - c) Secretion
 - d) Diffusion
5. What is the main role of proximal tubule?
 - a) Filtration
 - b) Reabsorption
 - c) Secretion
 - d) Concentration
6. Which cells in skin detect touch?
 - a) Merkel cells
 - b) Keratinocytes
 - c) Langerhans cells
 - d) Melanocytes
7. Which sweat gland responds to heat?
 - a) Eccrine
 - b) Apocrine
 - c) Sebaceous
 - d) Ceruminous
8. Which skin layer contains nerve endings?
 - a) Epidermis
 - b) Dermis
 - c) Hypodermis
 - d) Stratum corneum
9. What is normal turnover time of epidermis?
 - a) 7 days
 - b) 14 days
 - c) 28 days
 - d) 45 days
10. Which pigment gives red colour to skin?
 - a) Melanin
 - b) Carotene
 - c) Keratin
 - d) Hemoglobin
11. Which cells produce myelin in the PNS?
 - a) Schwann cells
 - b) Oligodendrocytes
 - c) Astrocytes
 - d) Microglia
