

| | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|----------------------------------------------|-----|-------|
| Name. _____ | | Printed Pages:01 | | |
| Student Admn. No.: _____ | | | | |
| School of Allied Health Sciences Summer Term Examination – July - August 2024 [Programme: Bachelor of Physiotherapy] [Semester: SEM I] [Batch: 2023-2027] | | | | |
| Course Title: Human Physiology -I Course Code: L3UA102T | | Max Marks: 100 Time: 3 Hrs. | | |
| Instructions: | 1. All questions are compulsory. 2. Assume missing data suitably, if any. | | | |
| | | K Level | COs | Marks |
| SECTION-A (15 Marks) | | 5 Marks each | | |
| 1. | Define the primary component of blood. | K1 | CO1 | 5 |
| 2. | What are the major functions of plasma in the body. | K1 | CO1 | 5 |
| 3. | Illustrate white blood cells (WBCs) based on their morphology. | K2 | CO2 | 5 |
| SECTION-B (40 Marks) | | 10 Marks each | | |
| 4. | Identify the variations in red blood cell (RBC) count and their significance. | K3 | CO2 | 10 |
| 5. | Identify the common disorders associated with blood coagulation. | K3 | CO3 | 10 |
| 6. | Identify the process of chest expansion and its significance in respiration. | K3 | CO3 | 10 |
| 7. | What is lung compliance and discuss its importance with normal value? | K1 | CO1 | 10 |
| SECTION-C (45 Marks) | | 15 Marks each | | |
| 8. | Elaborate shock and classify it based on causes and features. | K6 | CO4 | 15 |
| 9. | Elaborate the factors that affect the oxygen-hemoglobin dissociation curve. | K6 | CO4 | 15 |
| 10 | Elaborate the concept of Erythroblastosis fetalis and its implications. | K6 | CO2 | 15 |