

Q.P. Code: 126007

Reg. No.:.....

**First Professional BUMS Degree Supplementary Examinations
September 2025
Munafeul Aza – Paper I
(2022 Scheme)**

Time: 3 hrs

Max Marks: 100

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space
- Answer all parts of a single question together • Leave sufficient space between answers

1. Multiple Choice Questions (20x1=20)

The responses for MCQ questions (Q.No.i to Q.No.xx) shall be written continuously on the first two writing sheets (ie Page No. 3 & 4) only

- i. Which leucocytes release heparin and histamine in blood
a) Neutrophil b) Basophil c) Eosinophil d) Monocytes
- ii. Serum of the blood is
a) Plasma with blood clotting factors b) Plasma without blood clotting factors
c) Plasma with blood cells d) Plasma without blood cells
- iii. Haematocrit value is the ratio of
a) WBC to plasma b) Platelets to plasma
c) RBC's to blood volume d) Total blood cells to plasma
- iv. Normal blood pH is
a) 6.3 b) 6.8 c) 7.2 d) 8.4
- v. The fluid component of blood is called
a) Plasma b) Lymph c) Cytoplasm d) Haemoglobin
- vi. Identify the types of plasma proteins
a) Fibrinogen, prothrombin, fibrin b) Albumins, globulins and glycogen
c) Albumins, fibrinogen and globulins d) Erythrocytes, globulins and plasma
- vii. In adults, blood cells are produced in the
a) Kidneys b) Spleen c) Liver d) Bone marrow
- viii. Normal lifespan of RBC's is
a) 20 days b) 120 days c) 100 days d) 6-7 days
- ix. Erythropoietin is produced in response to:
a) Infections b) Inflammation
c) Low oxygen levels d) High oxygen levels
- x. The risk of hemolytic disease of the newborn exists when the mother is _____ and the child is _____
a) O: AB b) AB: O c) Rh+: Rh- d) Rh-: Rh+
- xi. Which one of these represents the 2/3 of Total Body Weight
a) Intracellular fluid b) Extracellular fluid
c) Interstitial fluid d) Transcellular fluid Compartment
- xii. Synovial fluid is one of:
a) Intracellular fluid b) Extramesengial fluid
c) Interstitial fluid d) Transcellular fluid

(PTO)

