

RAN-2403000503068001

S.Y.B.Sc. (NEP) (Sem.-III) Examination November - 2025
SEC : Introduction to Haematology (BM-SEC-3)

Time: 30 minutes]
[Total Marks: 13
સૂચના : / Instructions

- (1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the above details on your answer book
- (2) Attempt Any Thirteen multiple choice question.
- (3) One mark for each MCQ.

Seat No.:

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Student's Signature

Q.1. Multiple choice questions.

1. Which of the following blood cells play an important role in defence?
 - a. Platelets
 - b. Leucocytes
 - c. Erythrocytes
 - d. All
2. Serum differs from plasma as it lacks _____
 - a. Antibodies
 - b. Fibrinogen
 - c. albumins
 - d. globulins
3. Which of the following is an incorrect, except _____
 - a. Serum contains blood and fibrinogen
 - b. Plasma is blood without lymphocytes
 - c. Lymph is plasma with RBC and WBC
 - d. Hb is present in RBC
4. _____ plasma protein is absent in serum
 - a. Globulin
 - b. Fibrinogen
 - c. Albumin
 - d. None
5. The vitamin essential for blood clotting is _____
 - a. vitamin K
 - b. vitamin B
 - c. vitamin C
 - d. none
6. Multi-lobed nucleus and granular cytoplasm are characteristics of _____
 - a. Neutrophils
 - b. Monocytes
 - c. Lymphocytes
 - d. Eosinophils
7. Which one of the following is a plasma protein?
 - a. Globulin
 - b. Fibrinogen
 - c. Albumin
 - d. All
8. Which of the following is an abnormal haemoglobin?
 - a. Hb A
 - b. Hb F
 - c. Hb S
 - d. All

9. Which of the following is a liquid connective tissue?
- Blood
 - Bone
 - Cartilage
 - All
10. Which of the following is an example of extracellular fluid?
- Plasma
 - Blood
 - Lymph
 - All
11. Which of the following is a function of blood?
- Nutritive function
 - Excretory function
 - Defensive function
 - All
12. Adult haemoglobin (HbA) is a tetramer consisting of
- $\alpha_2\beta_2$
 - $\alpha_2\delta_2$
 - $\alpha_2\gamma_2$
 - β_4
13. Which of the following structure is included in blood cells?
- Lymphocytes
 - Basophils
 - Erythrocytes
 - All
14. Which of the following is metabolic waste product of blood?
- Fibrinogen
 - carbon dioxide
 - Lysine
 - Immunoglobulin
15. Normal value of neutrophil is _____ .
- 40 to 75 %
 - 21 to 40%
 - 30 to 60%
 - None
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