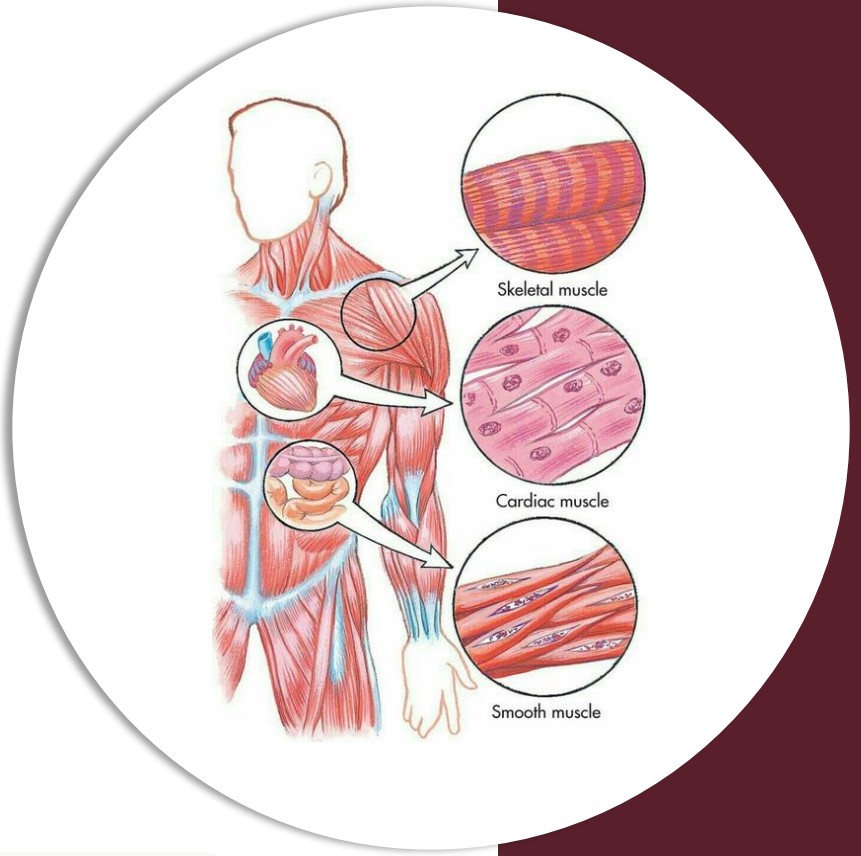
بسم الله الرحمـٰن الرحيم

(وَفَوْقَ كُلِّ ذِي عِلْمٍ عَلِيمٌ)

Histology Lab HLS | Final

Past Papers



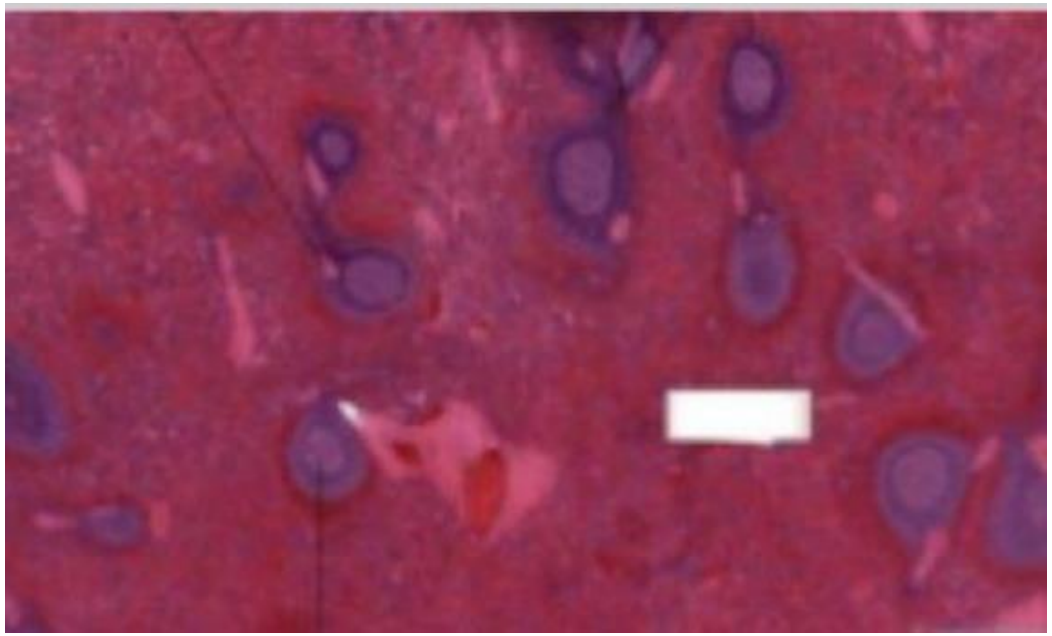
Written by : DST

Reviewed by : NST members

Virtual blood smear

Q1. The following section is taken from:

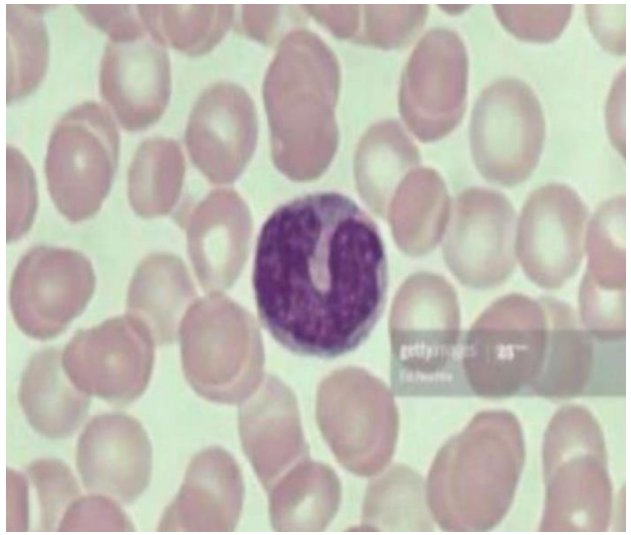
a) Lymph node
b) Spleen
c) Bone marrow
d) Thymus
e) Lungs



Ans: B

Q2. Which of the following statements applies to the WBC presented in the picture:

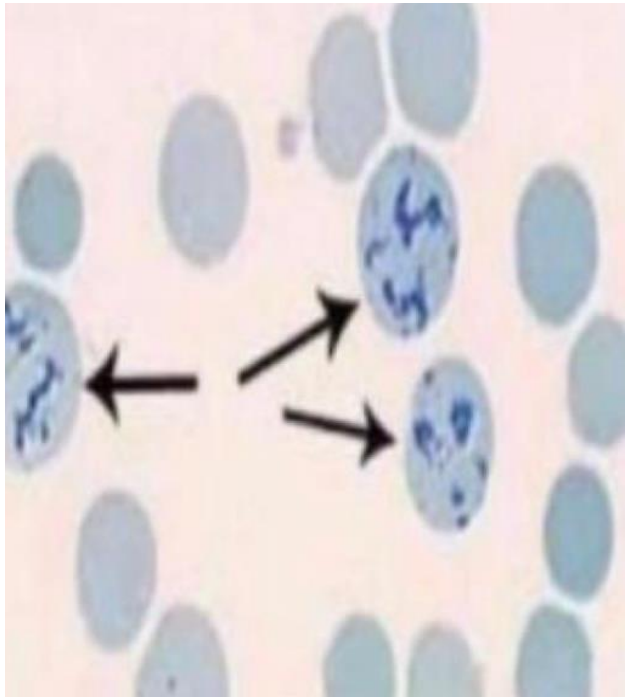
a) It increases markedly in allergic conditions.
b) It represents 40-80 % of all WBCS.
c) It is one of the granulocytes.
d) It increases markedly in chronic inflammatory conditions.
e) It represents 1-2 % of all WBCS.



Ans: D

Q3. Which of the following statements applies to the labeled cells:

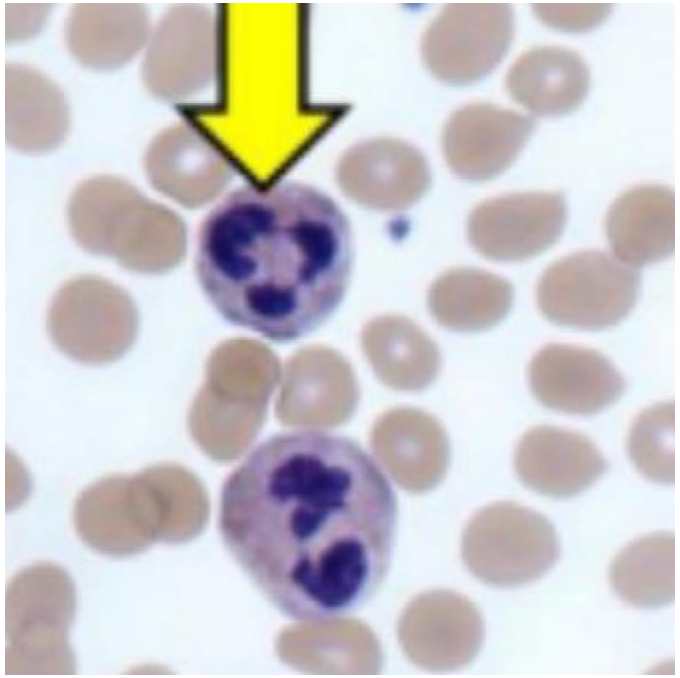
a) Their number increases in cases of hemolysis.
b) Their number increases in cases of bone marrow failure.
c) They play a major role in fighting parasitic infections.
d) The first cell to arrive at the site of inflammation.
e) They play a major role in stopping bleeding.



Ans: A

Q4. Identify the following cell:

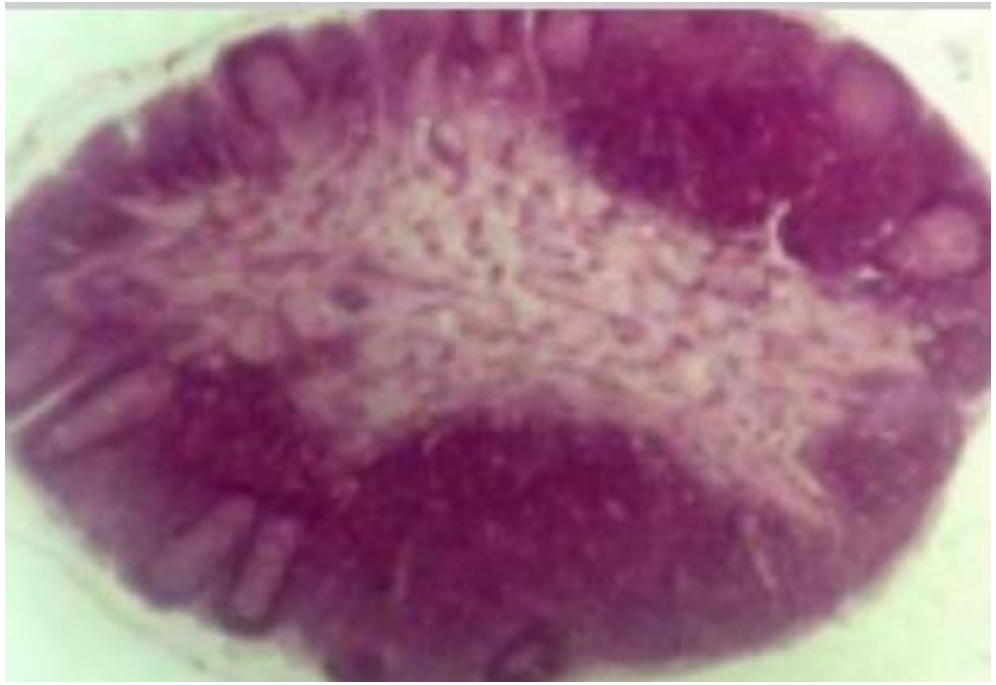
a) Neutrophil
b) Basophil
c) Monocyte
d) Macrophage
e) Reticulocyte



Ans: A

Q5. The following section is taken from:

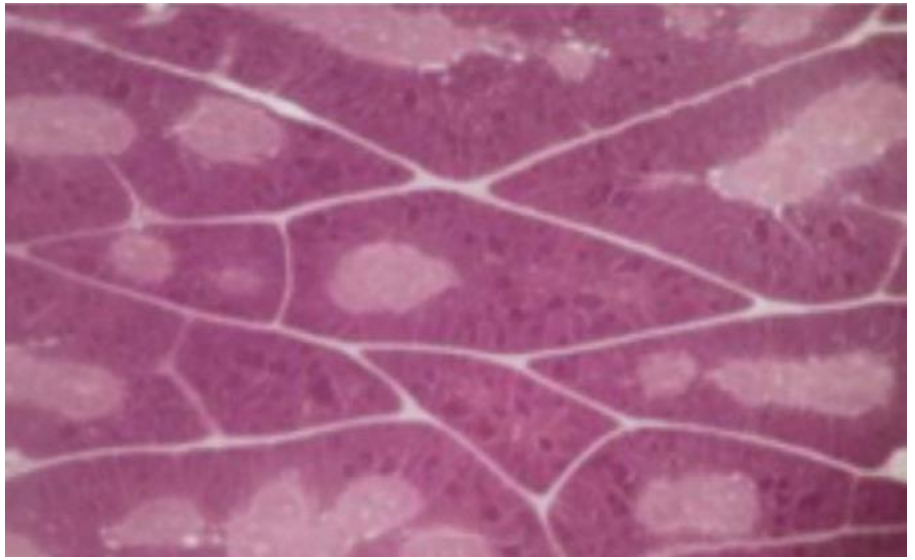
a) Lymph node
b) Spleen
c) Bone marrow
d) Thymus
e) Lungs



Ans: A

Q6. The following section is taken from:

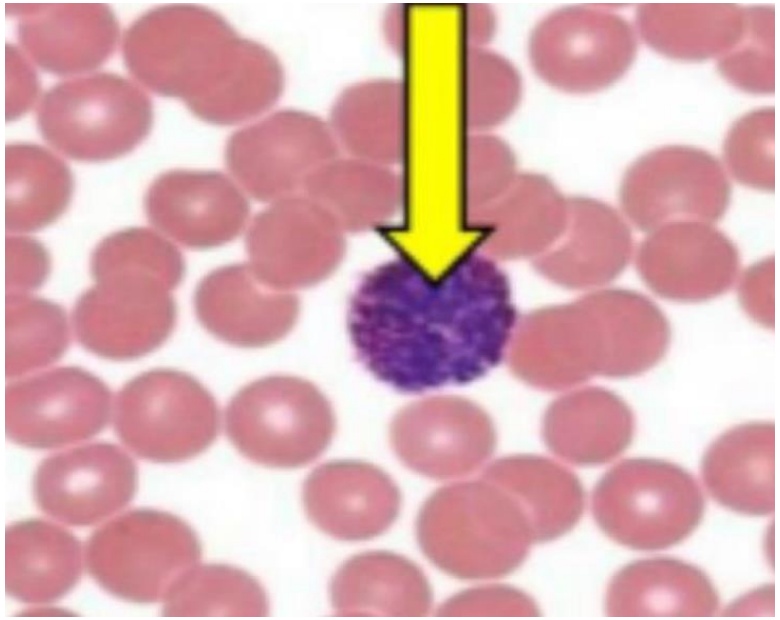
a) Lymph node
b) Spleen
c) Bone marrow
d) Thymus
e) Lungs



Ans: d

Q7. Identify the following cell:

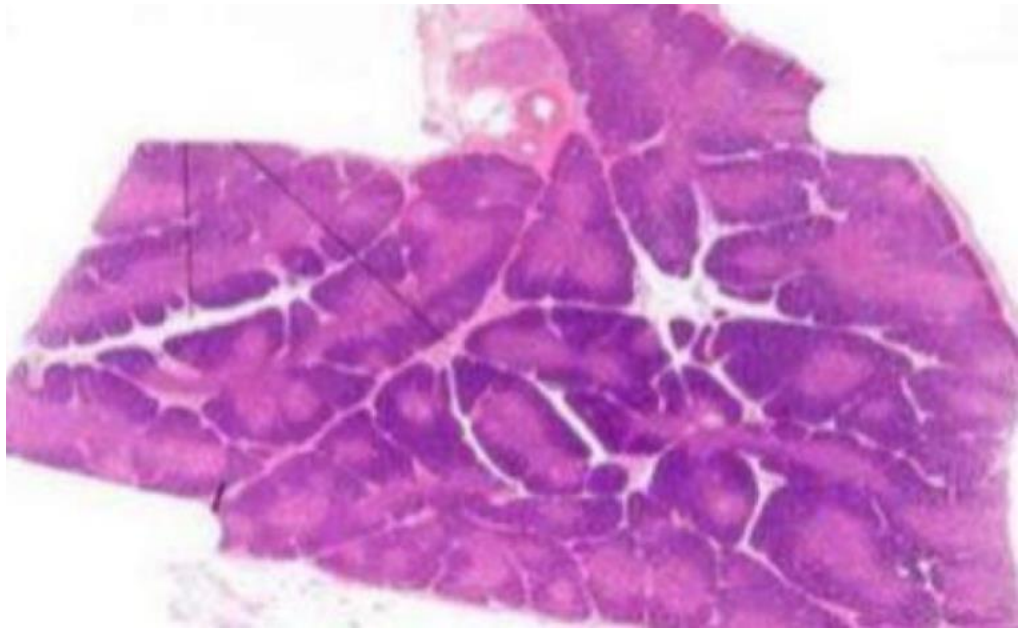
a) Neutrophil
b) Basophil
c) Monocyte
d) Macrophage
e) Reticulocyte



Ans: B

Q8. The following section is taken from:

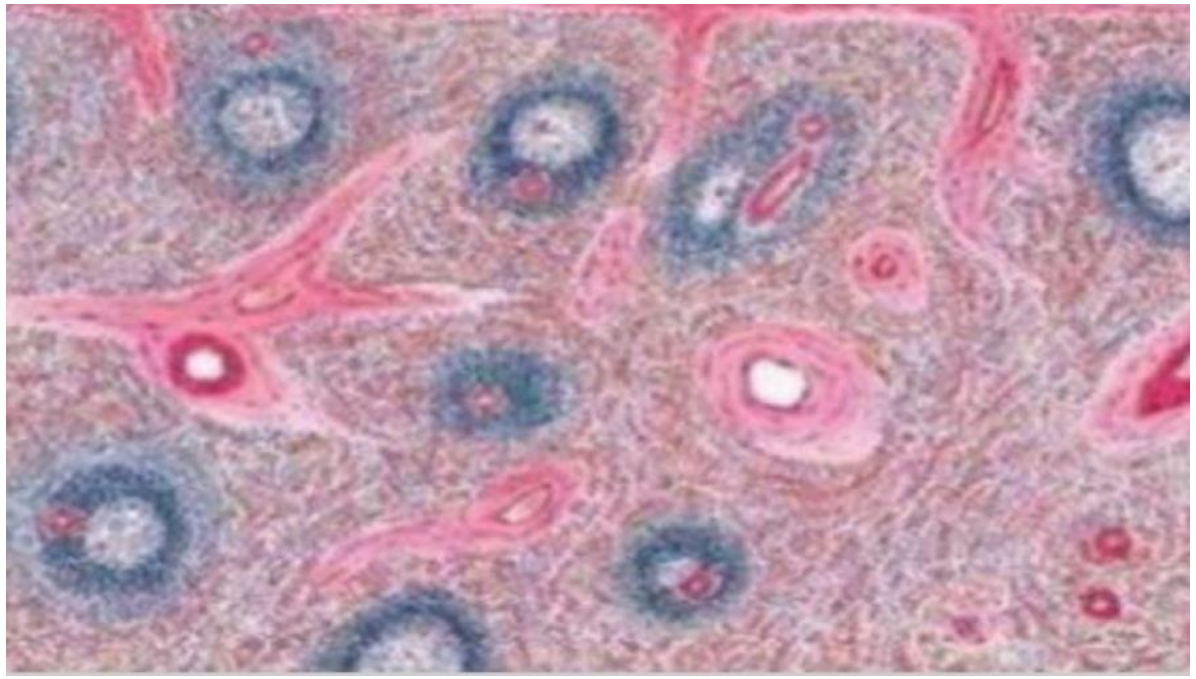
a) Lymph node
b) Spleen
c) ileum
d) Thymus
e) Palatine tonsil



Ans: d

Q9. This section is most probably taken from:

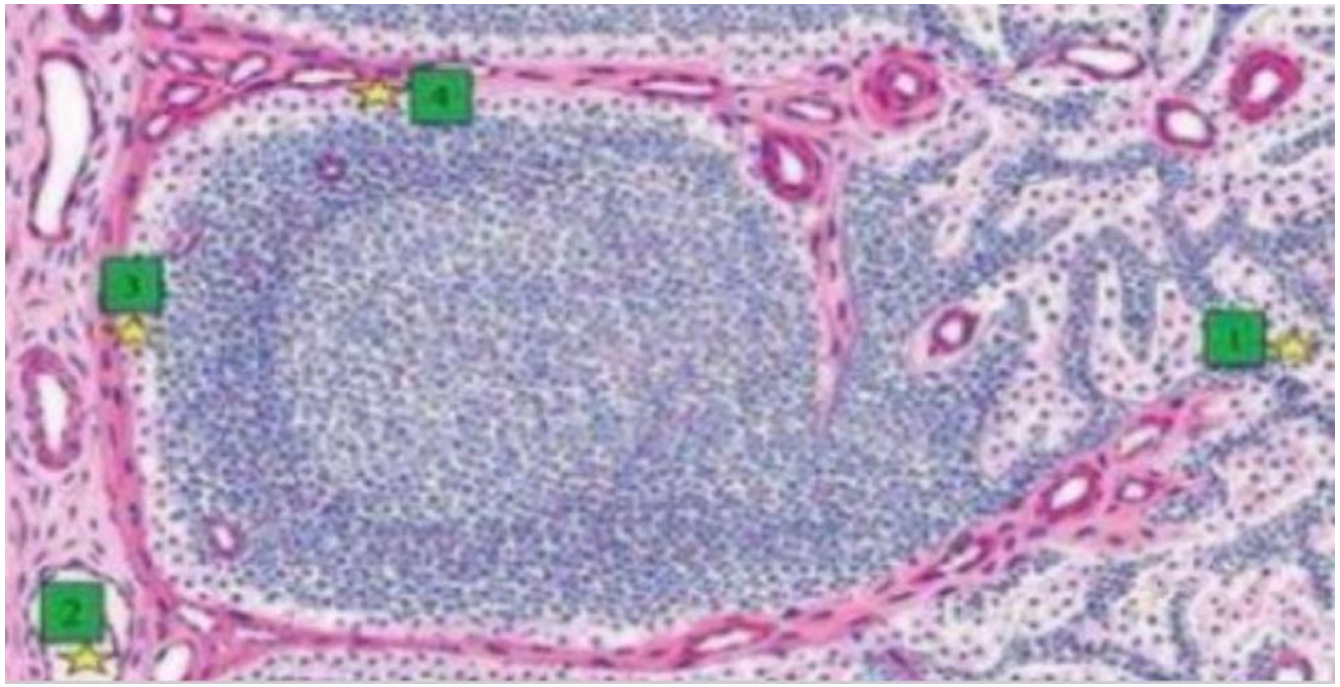
a) Lymph node
b) Spleen
c) ileum
d) Thymus
e) Palatine tonsil



Ans: b

Q10. Arrange the flow of afferent lymph in the CORRECT order:

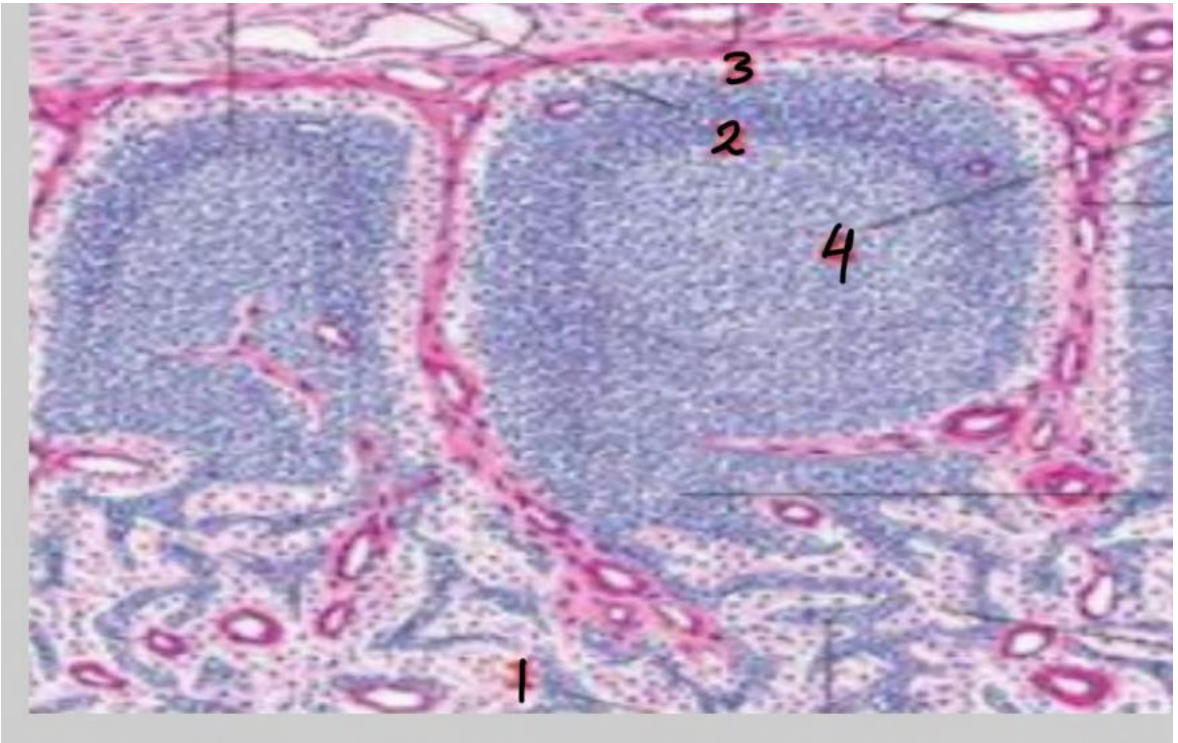
a) None of the mentioned is a correct order.
b) 2, 3, 4, 1.
c) 1, 4, 3, 2.
d) 1, 2, 3, 4.
e) 1, 3, 4, 2.



Ans: b

Q11. Which of the following converges at the hilum to form efferent vessels:

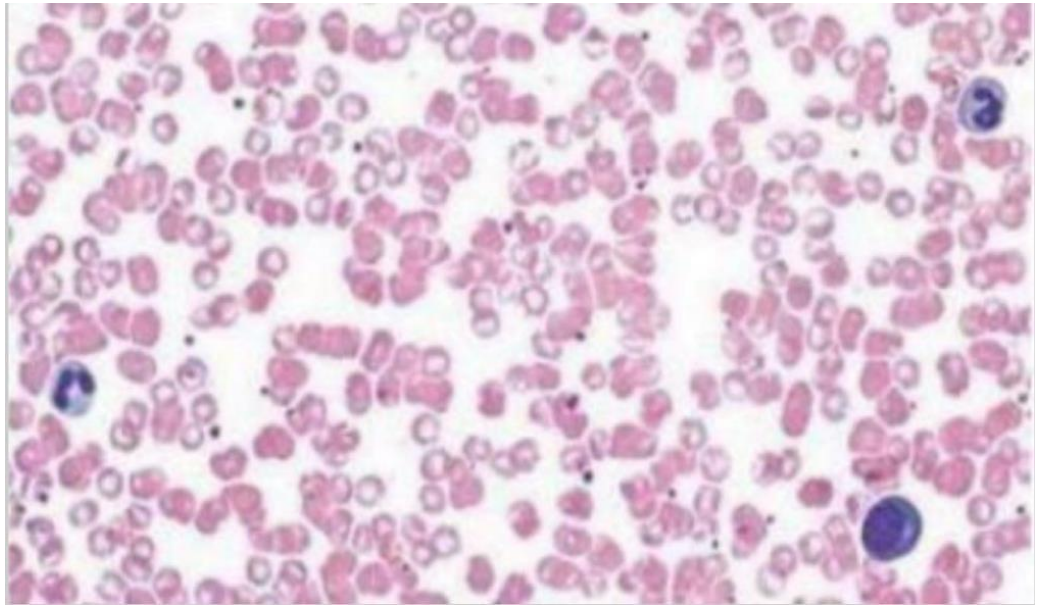
a) 1
b) 2
c) 3
d) 4



Ans: a

Q12. All the followings can be found in this section EXCEPT:

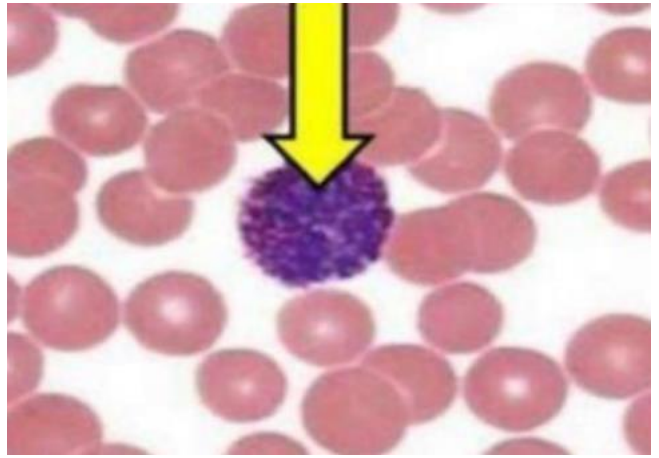
a) Neutrophil.
b) Lymphocyte.
c) Thrombocyte.
d) Erythrocyte.
e) Monocyte.



Ans: E

Q13. Identify the cell in the picture:

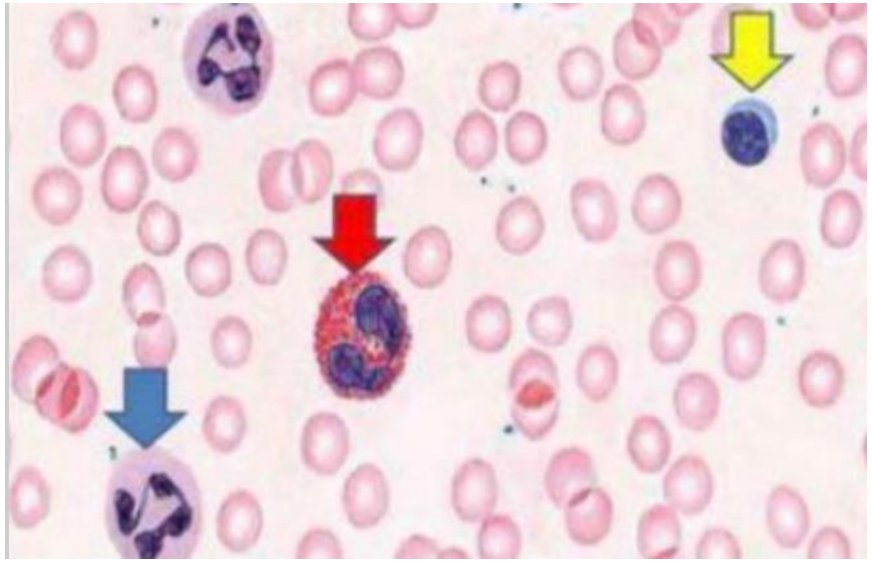
a) Neutrophil
b) Basophil
c) MonocyteMacrophage
d) Reticulocyte



Ans: b

Q14. Which type of cells is not presented in the picture:

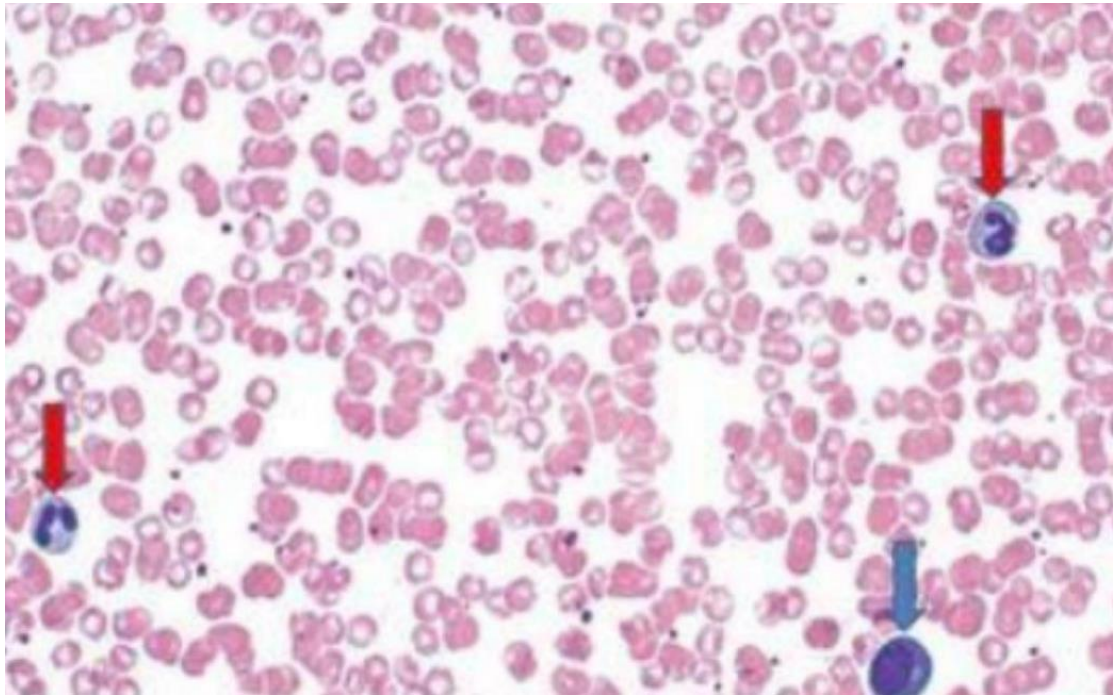
a) neutrophil.
b) eosinophil.
c) Monocyte.
d) Lymphocyte.
e) erythrocyte.



Ans: c

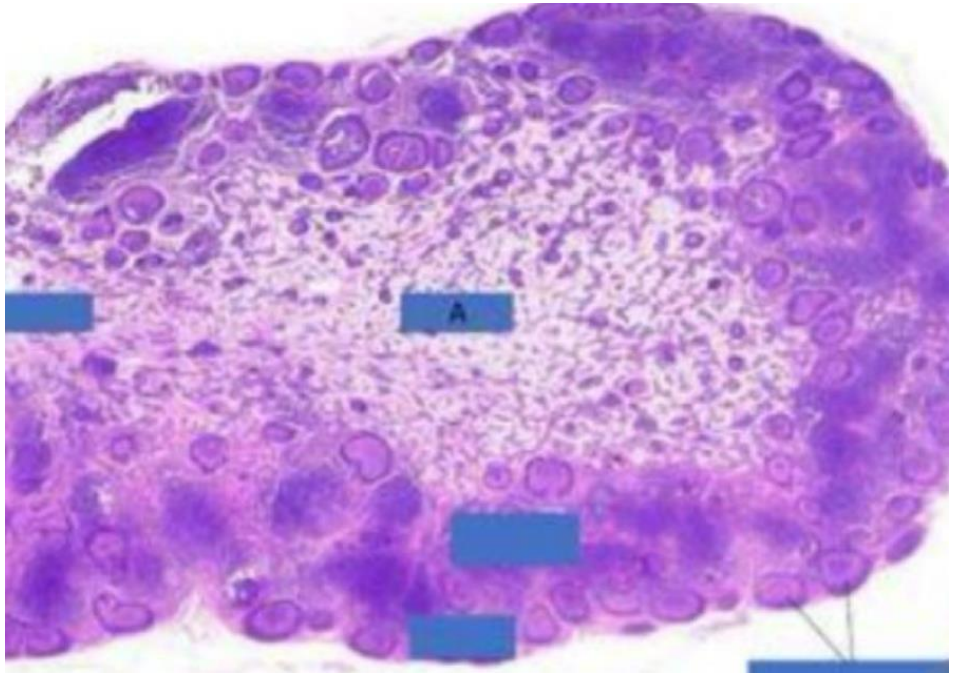
Q15. The labeled cells are:

Ans : neutrophils & lymphocyte



Q16. What does the letter A represent:

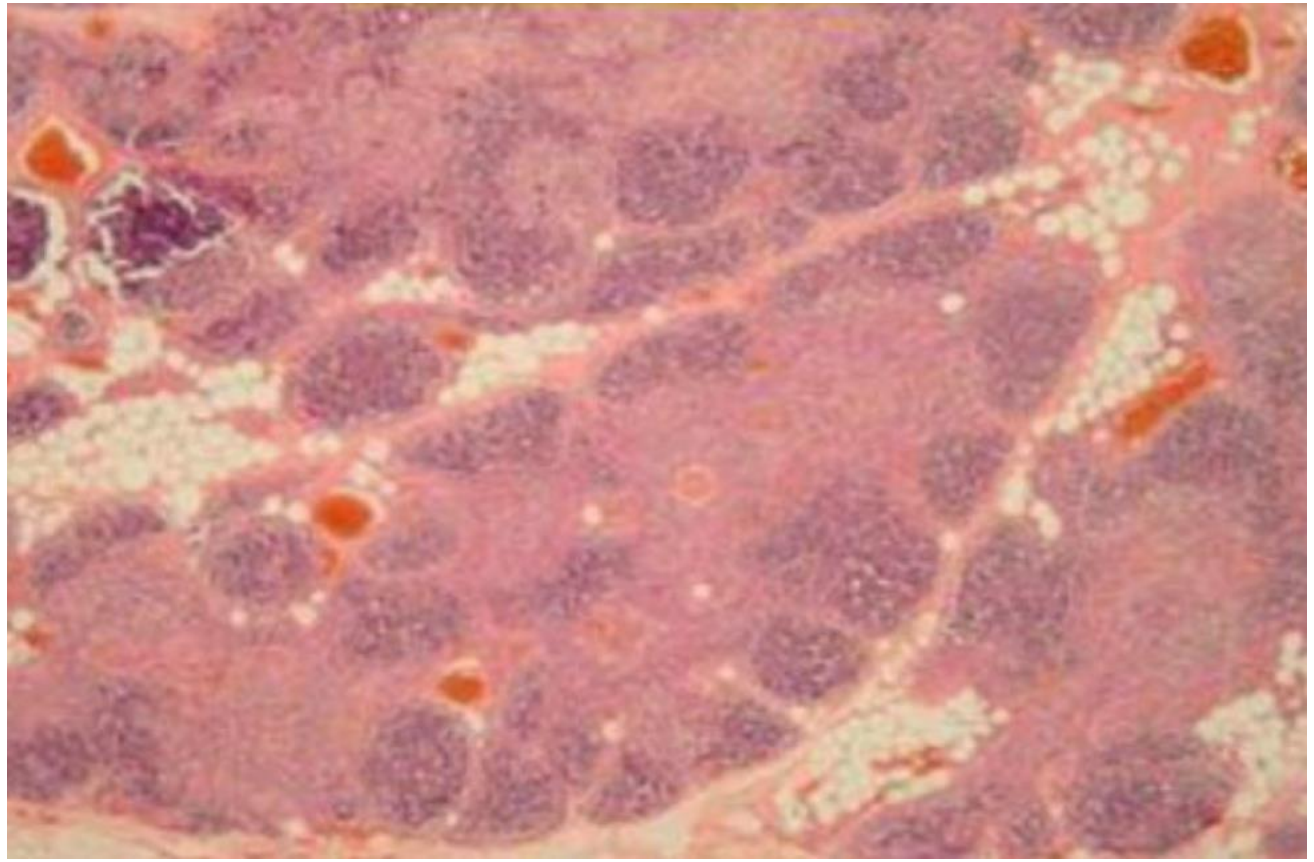
a) Lymph node medulla
b) Lymph node cortex
c) Spleen white pulp
d) Lipids in thymus



Ans: A

Q17. This section is most probably taken from:

a) Lymph node
b) Spleen
c) ileum
d) Thymus
e) Palatine tonsil

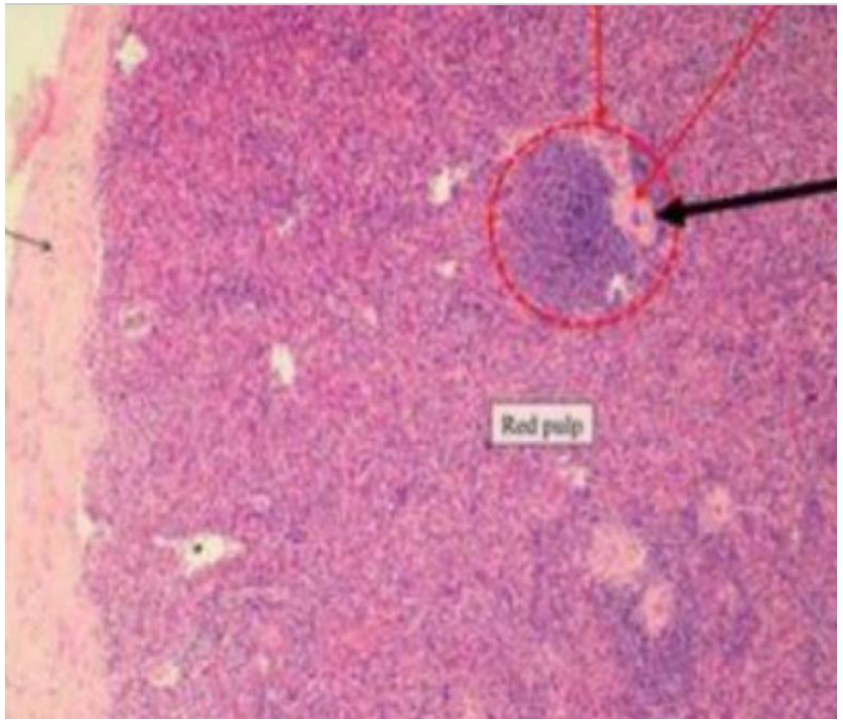


Ans: d

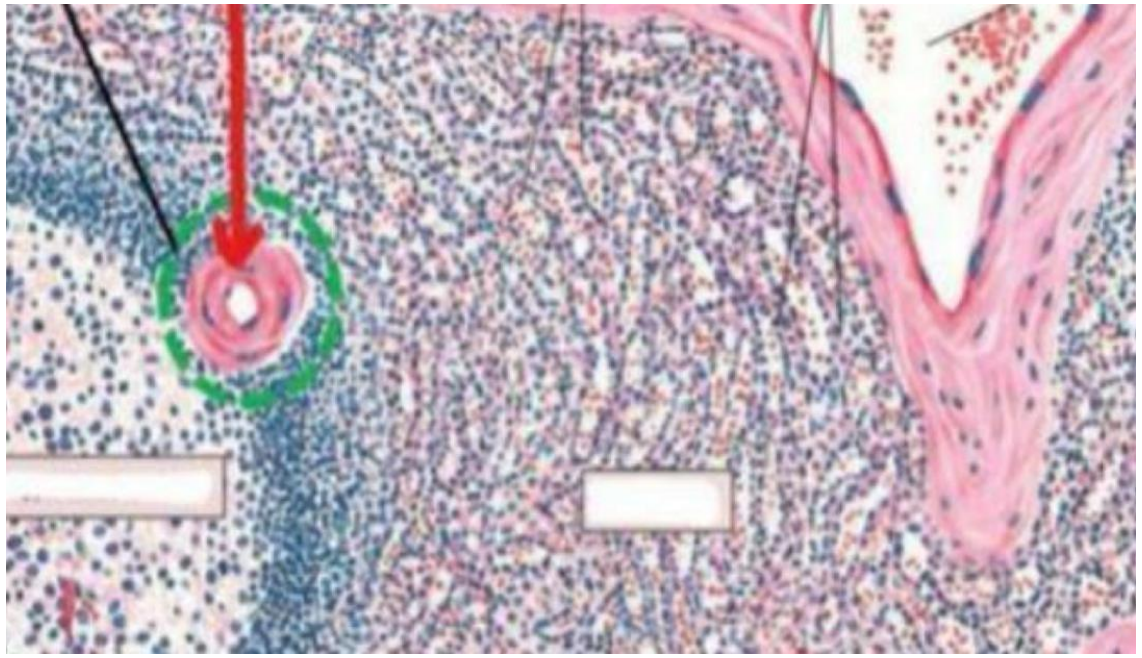
ربكأ هلالو هلا الإ هلإ الو هللمحلاو هلا ناحبس

Q18 . The black arrowed structure represents:

Ans : central arteriol



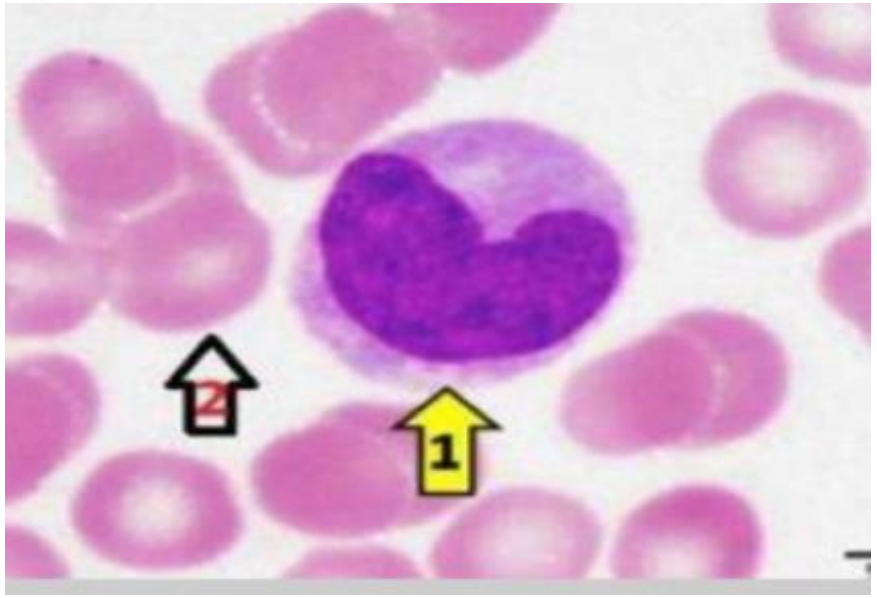
Q19 . The red arrowed structure represents:



Ans : central arteriol

Q20. 1 & 2 represent respectively

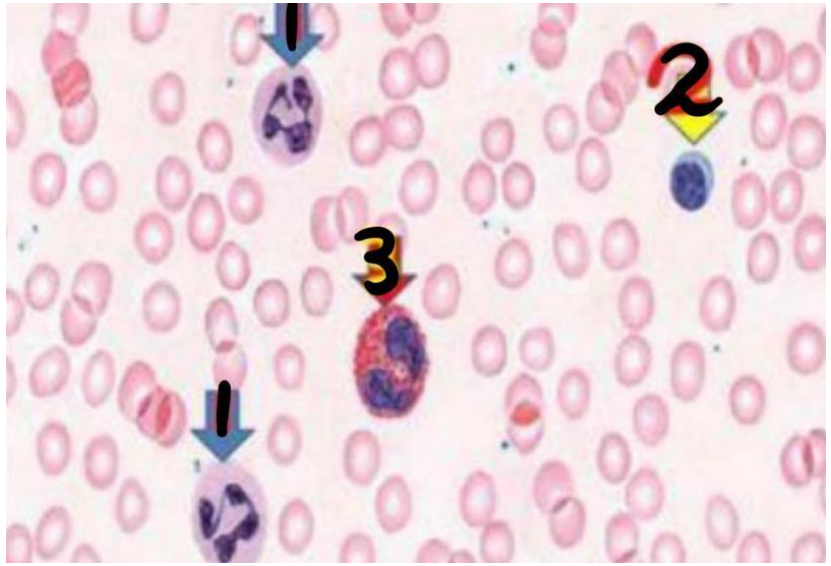
a) Monocyte , erythrocyte
b) Erythrocyte , monocyte
c) Lymphocyte , erythrocyte



Ans: A

Q21 . Most abundant WBC:

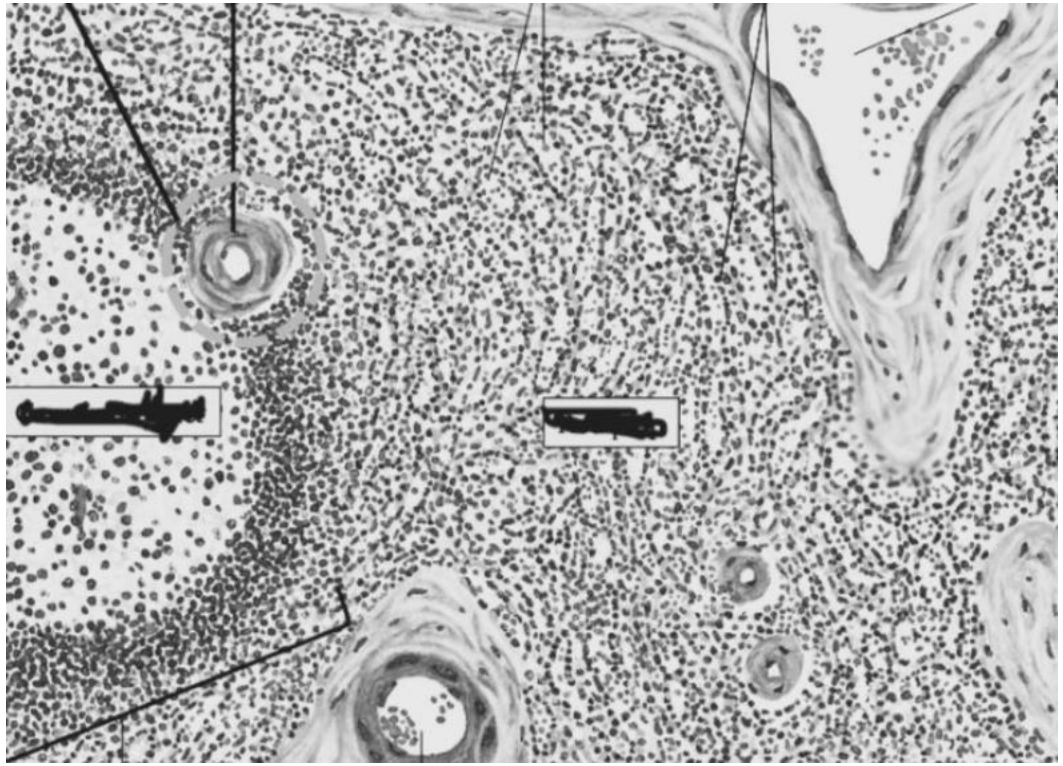
a) 1
b) 2
c) 3



Ans: A

Q22 . Identify the organ this section is taken from

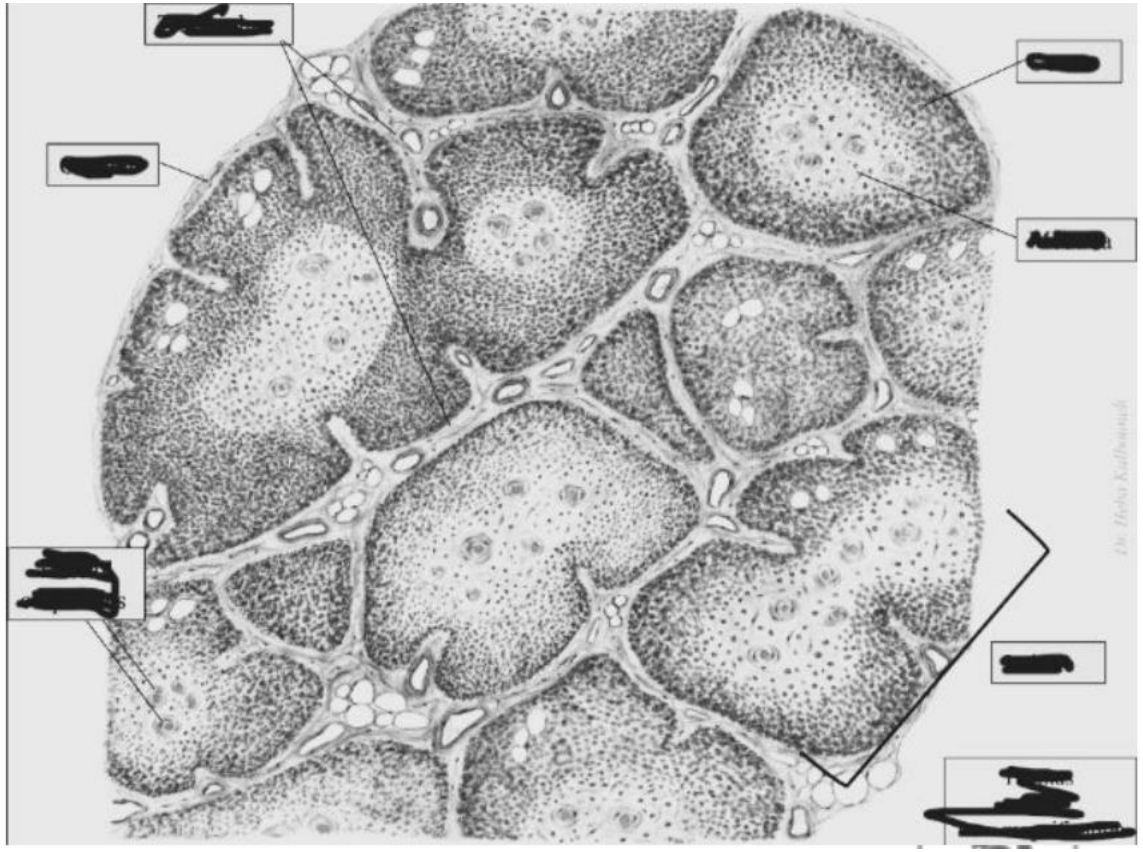
a) Thymus
b) Spleen
c) Palatine tonsil
d) Lymph node



Ans:b

Q23. Identify the organ this section is taken from

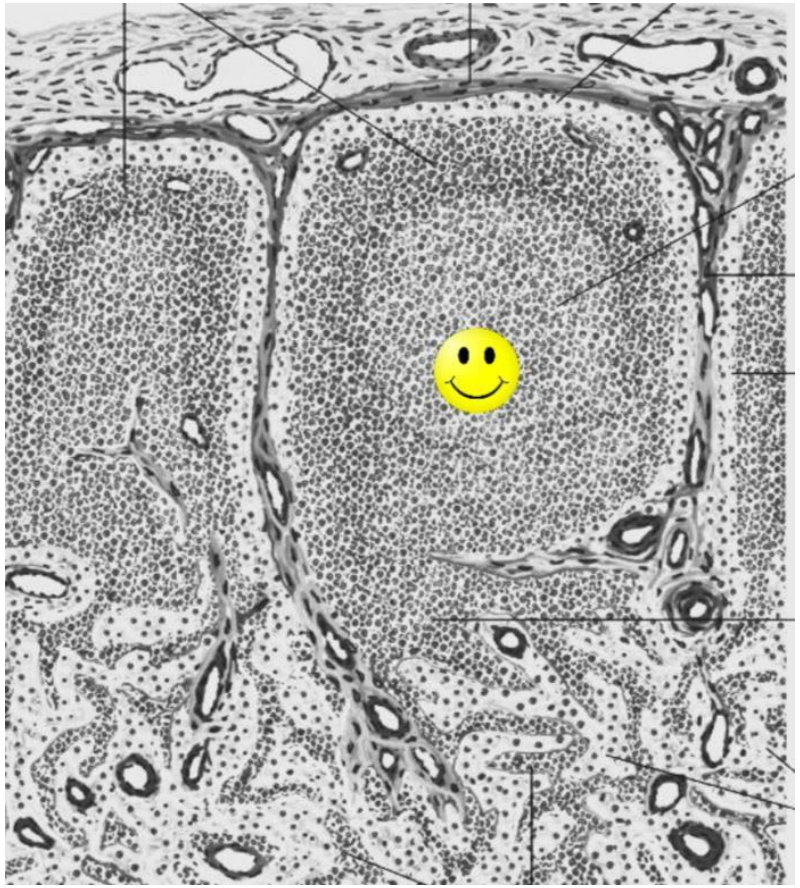
a) Thymus
b) Spleen
c) Palatine tonsil
d) Lymph node



Ans: A

Q24. What could be found in the marked structure

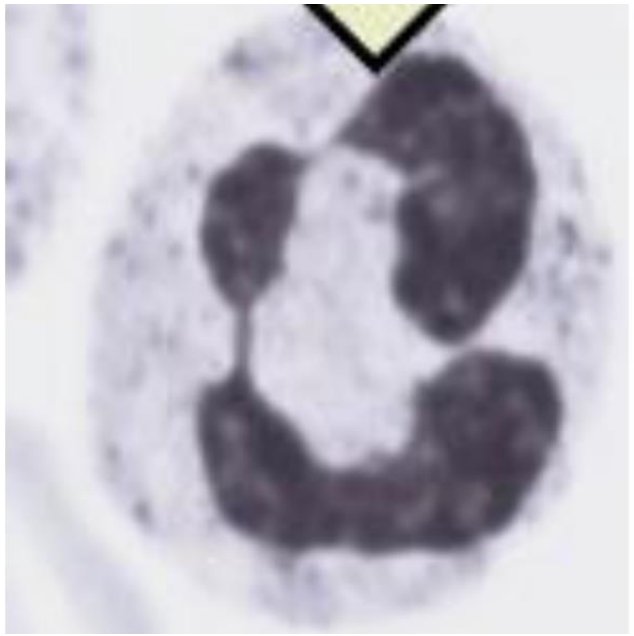
a) Plasma cell
b) Inactive B cell
c) Activated B cells



Ans: C

Q25 . Identify

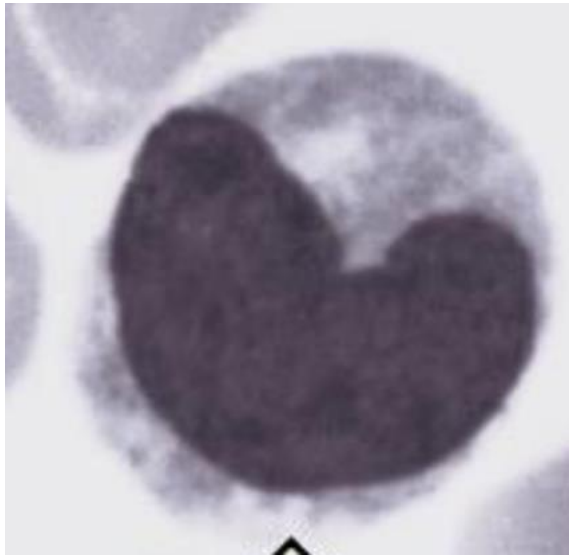
a) neutrophil.
b) eosinophil.
c) Monocyte.
d) Lymphocyte.
e) erythrocyte.



Ans: A

Q26 . Identify

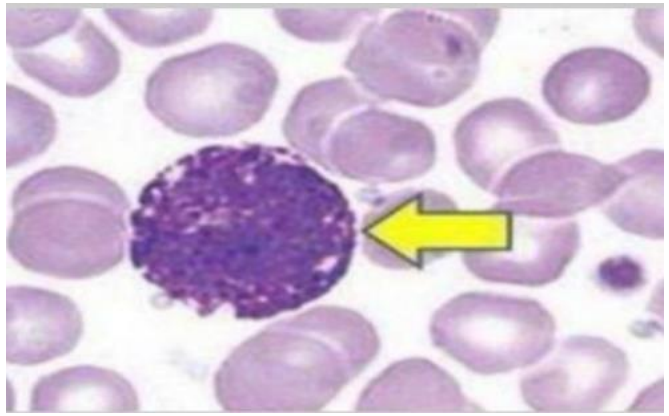
a) Mast.
b) eosinophil.
c) Monocyte.
d) Lymphocyte.
e) Band cell



Ans: c

Q27. The labeled cell is characterized under the light microscope by a/an:

a) Crystalloid granules.
b) Frosted-glass cytoplasm.
c) Acidophilia.
d) Hyalomere.
e) Nucleus masked by granules.



Ans: E

Q28. The following section is taken from:

a) Lymph node
b) Spleen
c) ileum
d) Thymus
e) Palatine tonsil



Ans: E

Q29. This section is most probably taken from:

a) Lymph node
b) Spleen
c) ileum
d) Thymus
e) Palatine tonsil



Ans: e

رسالة من الفريق العلمي:

اللهم اني استودعتك ما فهمت وما حفظت وما نظرت اليه بعيني فرده إلي عند حاجتي له

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V1 → V2			