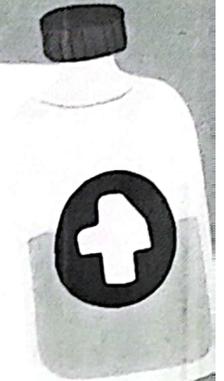
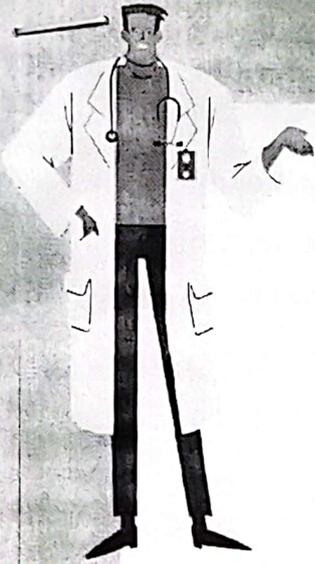
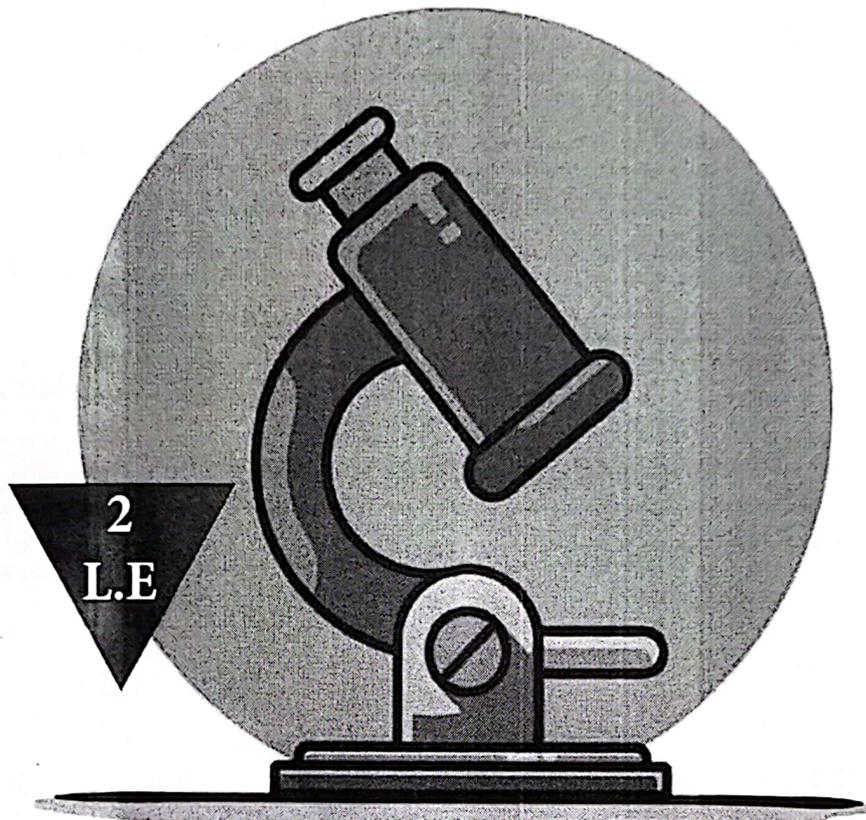


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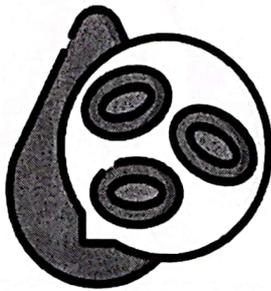


HISTOLOGY

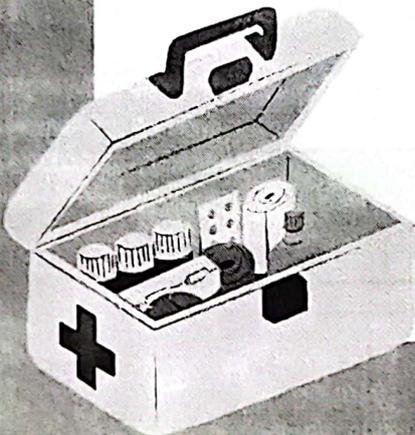
level 1 - HIS



MCQ 2



DR: A.G



- 1) which of the following is non granular leucocytes
- a- neutrophils
 - b- monocytes
 - c- eosinophils
 - d- basophils
 - e- erythrocytes
- 2) What is the total leucocytic count / mm³ in human blood?
- a- 4-5 million
 - b- 200.000
 - c- 4000-11.000
 - d- 4.5-6 million
 - e- 150.000- 300.000
- 3) which of the following is correct about neutrophils?
- a- life span 120 days
 - b- kidney shape nucleus
 - c- contain azurophilic granules only
 - d- increase in acute infections
 - e- measured 20 micron
- 4) Which of the following cells has segmented multilobed nucleus?
- a- neutrophils
 - b- monocytes
 - c- eosinophils
 - d- basophils
 - e- natural killer cells

1	2	3	4
B	C	D	A



5) What is meant by neutropenia?

- a- increase erythrocytes above 6 million
- b- decreased platelets below 150.000
- c- increase leucocytes above 11.000
- d- decrease neutrophils below 60%
- e- increase eosinophils above 75%

6) WHICH OF THE FOLLOWING CONDITIONS Associated with increase number of neutrophils?

- a- chronic infections
- b- viral infections
- c- acute blood loss
- d- hemolysis
- e- acute bacterial infection

7) Which of the following contain large irregular lobulated nucleus?

- a- neutrophils
- b- monocytes
- c- eosinophils
- d- basophils
- e- erythrocytes

8) What is the normal percentage of eosinophils?

- a- 60%
- b- 5%
- c- 1%
- d- 20%
- e- 75%

5	6	7	8
D	E	D	B



9) which of the following describe electron microscope of eosinophils?

- a- large electron lucent granules in the core
- b- moderate electron dense fuzzy granules
- c- flattened electron dense crystalloid
- d- electron dense at periphery
- e- not clear with EM

10) which of the following cell has antiparasitic action?

- a- neutrophils
- b- monocytes
- c- eosinophils
- d- basophils
- e- lymphocytes

11) Which of the following cells produce heparin and histamine during allergy?

- a- neutrophils
- b- monocytes
- c- eosinophils
- d- basophils
- e- lymphocytes

12) which of the following cells has role in cell mediated immunity?

- a- T lymphocytes
- b- monocytes
- c- eosinophils
- d- basophils
- e- B lymphocytes

9	10	11	12
C	C	D	A



13) which of the following cells has specific granules overly nucleus and obscure its shape?

- a- basophils
- b- neutrophils
- c- monocytes
- d- eosinophils
- e- erythrocytes

14) Pronlonged steroid therapy cause the following conditions?

- a- eosinophilia
- b- thrombocytopenia
- c- eosinopenia
- d- anemia
- e- polycyathemia

15) In which cellular stage leucocytes differentiate according to specific granule

- a- myeloblast
- b- metamyelocyte
- c- myelocyte
- d- promyelocytes
- e- colony forming unit

16) what is the total number of lymphocytes in blood

- a- 60%
- b- 30%
- c- 5%
- d- 2%
- e- 1%

13	14	15	16
A	C	C	B





17) which of the following cells developed and mature in bone marrow?

- a- T lymphocytes
- b- macrophage
- c- B lymphocytes
- d- platelets

18) which of the following cells has role in humoral immunity?

- f- neutrophils
- g- monocytes
- h- eosinophils
- i- basophils
- j- B lymphocytes

17	18
C	E

