



LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



SOL – 45

Class: IX

Sub: Life Science

Date: 14.11.2020

Topic: Blood and its Components

F.M. : 15

Choose the correct option:

(1x15=15)

- Blood is made up of _____.
a) Plasma only b) Lymph c) Plasma and Corpuscles d) Corpuscles and Lymph
Answer : Plasma and Corpuscles (c)
- Out of 9% solid present in the plasma _____ is composed of proteins.
a) 0% b) 7% c) 9% d) 5%
Answer : 7% (b)
- The following is not an example of formed elements.
a) RBCs b) WBCs c) Platelets d) Both RBCs and WBCs
Answer : Platelets (c)
- The following protein is present in plasma.
a) Albumin b) Globulins c) Fibrinogen d) All of these
Answer : All of these (d)
- The following is not a characteristic of RBC _____.
a) Presence of nucleus b) contains haemoglobin c) Absence of mitochondria d) Biconcave disc like in shape
Answer : Presence of nucleus (a)
- The precursor of RBC is called :-
a) Erythroblast b) Mesenchyme c) Reticulocyte d) Normoblast
Answer : Reticulocyte (c)
- The life span of RBC in human being is :-
a) 120 days b) 12 days c) 120 hours d) 12 hours
Answer : 120 days (a)
- There are _____ types of granulocytes.
a) two b) three c) four d) five
Answer : three (b)
- The following type of granulocyte is referred to polymorphonuclear type of leukocyte.
a) monocyte b) Lymphocyte c) Eosinophils d) Neutrophils
Answer : Neutrophils (d)

10. The _____ are responsible for the production of histamines.

- a) Neutrophils b) Basophils c) Monocytes d) Lymphocytes

Answer : Basophils (b)

11. Chief function of Eosinophils is _____.

- a) Phagocytosis b) Allergic response c) Anti parasitic d) Both (b) and (c)

Answer : Both (b) and (c) (d)

12. Function of Basophil is :-

- a) Produce histamines b) Produces heparin c) Inflammatory response d) All of these

Answer : All of these (d)

13. The _____ is responsible for the formation of antibodies.

- a) B-lymphocytes b) T-lymphocytes c) All lymphocytes d) Monocytes

Answer : B-lymphocytes (a)

14. Very large cells called megakaryocytes break up into fragments to form :-

- a) RBCs b) Platelets c) Leucocytes d) All of these

Answer : Platelets(b)

15. The neutrophils contribute to about _____ of the total WBCs.

- a) 28% b) 4% c) 70% d) 15%

of these

Answer : 70% (c)

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