**IQRA NATIONAL UNIVERSITY**

**DEPARTMENT OF ALLIED HEALTH SCIENCES**

**Mid-Term Examination (spring 2020)**

**Course Title: hematology Instructor: Adnan Ahmad**

**Marks: 30 Multiple Choice Questions Time:**

**Class Code. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Note:**

* **Attempt all questions from this section. Select the best answer from given choices.**
* **Handover this paper after completing this section.**
* **Use Blue / Black Ink only. Do not use red color.**
* **Tick or encircle only one option in each given question. Overwriting/Selecting more than one option will be considered as false.**
* **Possession of Mobile Phones and other electronic accessories is strictly prohibited**
1. the most commonly ordered blood tests
2. Urine RE
3. T3
4. T4
5. Hmglb
6. None of them
7. When a person has been diagnosed with a disease known to affect blood cells, a \_\_\_ will often be ordered on a regular basis to monitor their condition
8. Urine RE
9. T3
10. T4
11. Hmglb
12. None of them
13. The cells that are part of the body's defense system against infections and cancer and also play a role in allergies and inflammation
14. Neutrophils
15. Lymphocytes
16. Eosinophils
17. Monocytes
18. All of the above
19. Normal RBC range in:Male:
20. 4.7 to 6.1 million cells p (cells/mcL)
21. 4.2 to 5.4 million cells/mcL
22. 6.7 to 6.1 million cells p (cells/mcL)
23. 9.7 to 6.1 million cells p (cells/mcL)
24. Low platelet concentration is
25. Thrombocytopenia
26. Thrombocytosis
27. Thrombocytopathy
28. Leukopenia
29. Also known as myeloid tissue
30. Red BM
31. Yellow BM
32. White BM
33. Greenish fatty tissue
34. All red blood cells and platelets in humans adults are formed in\_\_\_\_\_\_\_\_\_\_\_\_
35. Yellow BM
36. White BM
37. Greenish fatty tissue
38. Myeloid tissue
39. Increase in red blood cells
40. Anemia
41. Polycythemia
42. leukemia
43. Clotting defects
44. Thrombopoietin is a glycoprotein hormone produced mainly by\_\_\_
45. Liver
46. Kidney
47. Both a and b
48. Brain
49. life span of RBCs is\_\_\_\_\_
50. 2 months
51. 3 months
52. 6 months
53. None of them



**DEPARTMENT OF ALLIED HEALTH SCIENCES**

**Final -Term Examination (Fall-18)**

**Course Title: hematology Instructor: Adnan Ahmad**

**Time: 120 minutes Max Marks: 50**

**Name: …………………………………………………………………………………………………………………………………..**

**Note:**

* **Attempt any five questions from this section, all questions carry equal marks.**
* **Use only Blue / Black Ink other than diagrams**
* **Answer Briefly and to the point, avoid un-necessary details**
* **Possession of Mobile Phones is strictly prohibited**
* **Every question must be attempted within one single page of two sided specified in answer book**

**Q:1**Discus developmental stages of erythropoiesis.

**Q:2** Enlist characteristics of blood.

**Q:3**Briefly Explainhematopoiesis.

**Q:4** Explain megakariopoiesis in detail.

**Q:5**write down a comprehensive note on bone merrow.

**Q:6**Describe different sites of hematopoiesis in fetus, infants and adults