



## SAUDI FELLOWSHIP TRAINING PROGRAM

### Paediatric Haematology and Oncology

#### Final Written Examination 2020

##### Examination Format:

The Saudi subspecialty fellowship and diplomas final written examination shall consist of one paper with 80-120 multiple-choice questions (single best answer out of four options). 10 unscored items can be added for pretesting purposes.

##### Passing Score:

The passing score is 70%. However, if the percentage of candidates passing the examination before final approval is less than 70%, the passing score must be lowered by one mark at a time aiming at achieving 70% passing rate or 65% passing score whichever comes first. Under no circumstances can the passing score be reduced below 65%.

### Blueprint Outlines:

No.	Sections	Percentage (%)
1	Anemias	15
2	Hemostasis & Platelets	18
3	Bone Marrow Failure Disorders	5
4	Immunologic abnormalities & Leukocytes disorders	3
5	Pediatric Transfusion Medicine	4
6	Leukemias & Lymphomas	15
7	Solid Tumors, Neurooncology & Histiocytic Disorders	18
8	Supportive Care	7
9	Stem Cell Transplantation	5
Research, Ethics and Professionalism and Patient Safety		10
<b>Total</b>		<b>100%</b>

### **Note:**

Blueprint distributions of the examination may differ up to +/-3% in each category.

### **Suggested References:**

#### **Text Books:**

1. Principles and Practice of Pediatric Oncology by PA Pizzo
2. Lanzkowsky's Manual of Pediatric Hematology and Oncology
3. Nathan and Oski's Hematology and Oncology of Infancy and Childhood
4. Professionalism and Ethics, Handbook for Residents, Practical guide, Prof. James Ware, Dr. Abdulaziz Fahad Alkaabba, Dr. Ghaiath MA Hussein, Prof. Omar Hasan Kasule, SCFHS, Latest Edition.
5. Essentials of Patient Safety, SCHS, Latest Edition

#### **JOURNALS:**

1. Blood
2. Blood Review
3. British Journal of Hematology
4. Hemophilia
5. Journal of Thrombosis and Hemostasis
6. Hematology: ASH Education Program Book
7. Pediatric Blood Cancer
8. Pediatric Hematology and Oncology
9. New England Journal of Medicine



10. Bone Marrow Transplantation
11. Biology of Blood and Marrow Transplantation
12. Journal of Clinical Oncology
13. Leukemia & Lymphoma
14. Leukemia
15. The Lancet
16. Lancet Oncology

#### **CLINICAL TRIALS**

Examples but not limited to:

1. National Cancer Institute (NCI)
2. Children Oncology Group (COG)
3. The European Society for Pediatric Oncology (SIOP)

#### **Note:**

This list is intended for use as a study aid only. SCFHS does not intend the list to imply endorsement of these specific references, nor are the exam questions necessarily taken solely from these sources.



## Example Questions

### EXAMPLE OF K2 QUESTIONS

#### Question 1

A 6-year-old boy with sickle cell disease presents with acute onset dizziness, palpitation for one day. Examination reveals pallor and tachycardia. No organomegaly, CNS and other clinical exam is unremarkable, a stat PRBC transfusion in Emergency Department is ordered (see Lab results).

Test	Result
Hb	5.5 g/dl
WBC	$7.5 \times 10^9/L$
Platelets	$250 \times 10^9/L$
Reticulocytes	1%

Which of the following is the most likely cause?

- A. Acute hemolytic crises
- B. Iron deficiency anemia
- C. Acute sequestration crises
- D. Aplastic crises from Parvovirus B19

### EXAMPLE OF K1

#### Question 2

Which of the following is the most likely cause of Hypochromic microcytic anemia?

- A. Iron deficiency
- B. Sickle cell anemia
- C. Bone marrow failure
- D. Vitamin B12 deficiency