



RASHIDA IQBAL FINANCIAL AID

ORGANIZATION

BIOCHEMISTRY GUIDELINES OF 4th MODULE

GLOBULAR HEMEPROTEINS

Recommended Books

Lippincott

Important Topics

- Quaternary structure of hemoglobin
- R&T forms of Hb
- Oxygen dissociation curve
- Imp of sigmoidal dissociation
- Why happens to oxygen dissociation curve at high & anemia
- Types of Hbs
- Why Hb F has more binding capacity than Hb A
- Sickle cell anemia
- Chocolate cyanosis

- Thalassemias & with its types

HEME

RECOMMENDED BOOK

LIPPINCOTT

IMPORTANT QUESTIONS

- Steps of heme biosynthesis
- Lead poisoning
- Rate limiting step
- Porphyrins & its types
- Heme degradation steps
- 4 fates of urobilinogen
- Jaundice & its types
- New born jaundice

PLASMA PROTEINS & VITAMINS

- Albumin & its functions
- Antitrypsin & effects of smoking on it leading to emphysema
- Function of haptoglobin & its half life
- Acute phase proteins
- Structure & types of immunoglobulins
- Active form structure function of folic acid
- Storage absorption functions & deficiencies of B12
- Coagulating factors requiring vit k
- Functions absorption transport of iron

REMEMBER RIFAO TEAM IN YOUR PRAYERS

REGARDS

JAVERIA ALMAS

2ND YEAR MBBS

RIFAO PUBLICATION REPRESENTATIVE

