

EMSP 2434 EXAM II REVIEW

There are 60 multiple choice questions.

There will be 3 scenario-based essays, one for each of the relevant chapters (4,5 & 6)

Endocrinology:

Know the S&S, Pathophysiology and treatment (including pharmacological interventions) for the following:

- DM type I and II
- DKA
- HHNK

Pancreas

- functions
- hormones
- cells that produce the hormones

Pituitary hormones

Adrenal hormones

Thyroid hormone imbalances

S&S and treatment (including pharmacological interventions) of:

- myxedema
- thyrotoxicosis
- Graves' disease
- Cushing's syndrome
- Addison's disease

REALLY UNDERSTAND

Gluconeogenesis and diseases that can affect this process

Glycogenolysis

Glyconeogenesis

Ketone production

Roles of glycogen and insulin

Allergies and Anaphylaxis

Cellular immunity

Humoral immunity

Acquired immunity

Induced immunity

Passive immunity

Natural immunity

Primary response

Secondary response

Antigen

Antibody

Complement

B cells

T cells

Management of an anaphylactic reaction

Immunoglobulin – functions and locations

Gastroenterology

Risk/pre-disposing factors for GI bleeds.

Types of hepatitis and their causes

S&S, Pathophysiology and treatment (including pharmacological)of:

- cholecystitis
- Pancreatitis
- Esophageal varices
- Ulcerative colitis
- Crohn's disease
- Appendicitis
- Peptic ulcer
- Bowel obstructions
- gastroenteritis

Define:

- Visceral pain
- Somatic pain
- Referred pain
- Cullen's sign
- Grey-Turner's sign
- Murphy's sign
- McBurney's point
- Aphagia
- dysphagia