

00201

**B.Sc. IN ANAESTHESIA AND CRITICAL CARE
TECHNOLOGY (BACT)**

Term-End Examination

December, 2015

BAHI-071 : ESSENTIAL OF CLINICAL MEDICINE

Time : 3 hours

Maximum Marks : 70

- Note :**
- (i) Answer **any four** questions from **Part - A**.
 - (ii) **Part - B, C and D** consist of **one** question each. These are **compulsory** and carry **10 marks** each.

PART - A

Attempt **any four** questions :

10x4=40

1. Enumerate the parts of respiratory system.
2. Mention the steps of drug processing in the body.
3. Enumerate the major groups of Micro - organisms.
4. Classify bronchodilator drugs.
5. Describe cardiac cycle in detail.

PART - B

6. Write short notes on any five of the following :

- (a) Local anaesthetic toxicity. 2x5=10
- (b) Auto clave.
- (c) Draw an ECG and label its parts.
- (d) Bacteria
- (e) Vecuronium
- (f) Biotransformation
- (g) Functions of blood

PART - C

7. Fill in the blanks :

1x10=10

- (a) Effects of heparin can be reversed with _____ .
- (b) Universal donor is _____ blood group.
- (c) Drug used to treat bradycardia is _____ .
- (d) Drug of choice to treat acute supraventricular tachycardia is _____ .
- (e) Maximum safe dose of lignocaine with adrenaline is _____ .
- (f) Non depolarizing muscle relaxant with shortest duration of action is _____ .
- (g) Colourless poisonous gas with a sweet odour used for chemical sterilization is _____ .
- (h) _____ coined the term vaccine.
- (i) Stages of anaesthesia was described by _____ .
- (j) Trachea divides in to left and right bronchi at the level of _____ vertebra.

PART - D

8. Write whether the following statements are true or false : 1x10=10

- (a) Glycopyrolate crosses blood brain barrier.
 - (b) Ketamine is the induction agent of choice in stroke.
 - (c) Mitral valve is situated between right atrium and right ventricle.
 - (d) The shelf life of glutaraldehyde is usually 28 days.
 - (e) 3% Saline is an example of crystalloid.
 - (f) Mannitol is an osmotic diuretic.
 - (g) Atracurium is the muscle relaxant of choice in bronchial asthma.
 - (h) Edward Jenner discovered penicillin.
 - (i) Ropivacaine produces more sensory motor dissociation.
 - (j) Hospital acquired infections are called nosocomial infections.
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