

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

Term-End Examination

June, 2012

00493

BAHI-071 : ESSENTIAL OF CLINICAL MEDICINE

Time : 3 Hours

Maximum Marks : 70

SECTION-A

Answer *any three* of the following :

1. What are the I.V Induction agents ? Name any five. Describe the merits, side effects and the complications of any two. **10**
2. Enumerate the different methods of sterilization. Describe any two of them. **10**
3. What are the different types of Blood Groups ? Describe the clinical signs and symptoms of excessive blood loss. **10**
4. Enlist the different lung volumes with the help of a diagram. **10**
5. Draw the conduction system of the heart and explain the mechanism of conduction. **10**

SECTION-B

6. Write short notes on *any five* of the following : **4x5=20**
- (a) Disinfection of theatre after a septic case
 - (b) Blood transfusion
 - (c) Mallampathi score for intubation
 - (d) Ketamine
 - (e) Culture media
 - (f) Dopamine
 - (g) Coverings of the Spinal Cord

SECTION-C

7. Fill in the blanks :

1x10=10

- (a) The outermost layer of the meninges is called _____.
- (b) _____ is known as the master gland of the human body.
- (c) The normal urine output in a healthy adult is _____ ml/kg/hr.
- (d) _____ is added to propofol to prevent pain on I.V. injection.
- (e) _____ is the disinfectant which is effective against HIV and HbsAg in the hospital.
- (f) The Thermoregulatory centre is situated in the _____.
- (g) Capnography is used to measure _____.
- (h) Expanded form of IPPV _____.
- (i) 2% Xylocaine contains _____ mg of the drug in 1 ml.
- (j) _____ is yellowish discolouration of the skin and mucous membrane.

SECTION-D

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

- (a) Hand washing decreases the bacterial load.
 - (b) HIV/AIDS can be transmitted through food.
 - (c) "See-saw" breathing is seen in airway obstruction.
 - (d) Korot Koff's sounds are associated with heart murmur.
 - (e) Sevoflurane is not used for induction because of the irritant smell.
 - (f) Diaphragm is supplied by the phrenic nerve.
 - (g) Isoflurane is used in hepatic failure.
 - (h) The stimulation of the vagal nerve will decrease the heart rate.
 - (i) NIBP is more accurate than invasive BP monitoring.
 - (j) Candidiasis is a disease caused by fungus.
-