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

Term-End Examination

December, 2017

BAHI-072 : ANAESTHESIA EQUIPMENT

Time : 3 hours

Maximum Marks : 70

*Note : Attempt any five questions. Question No. 7 is
Compulsory.*

1. Describe the types, components and functions of AMBUBAG (Artificial Manual Breathing Unit). Enumerate the advantages and disadvantages of AMBUBAG. 6+4=10
2. Define Anaesthesia. How does Spinal Anaesthesia differ from General Anaesthesia (G.A.) ? Discuss in details the complications of G.A. in recovery room. 2+4+4=10
3. Discuss advantages and disadvantages of Laryngeal Mask Airway (LMA) over Face Mask and Endotracheal tube. Draw a labelled diagram of LMA. 6+4=10
4. Name the different types, colour coding of Medical Gas cylinders and discuss in detail the functions and advantages of Nitrous oxide (N₂O). 2+2+6=10

5. Describe the safety features to be taken care of in a Anaesthesia Machine. 10
6. Draw a labelled diagram of cuffed endotracheal tube. Explain in brief the various parts. 4+6=10
7. Write short notes on any five of the following : 6x5=30
- (a) Face Mask
 - (b) Soda Lime
 - (c) Universal Leak Test
 - (d) Jackson Rees Circuit
 - (e) Double Lumen Tube
 - (f) Yoke Assembly
 - (g) Hazards of Vaporizers
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