

Total number of printed pages – 4 B. Tech
CPBM 8305

Sixth Semester Examination – 2008

ENT AND ANESTHESIA

Full Marks – 70

Time : 3 Hours

Answer Question No. 1 which is compulsory.

Answer 5 questions from the Part A and Part B.

Answer minimum two questions from each part.

The figures in the right-hand margin
indicate marks.

1. (a) Answer the following questions : 2 x5
- (i) What are the types of Scopies used in ENT ?
- (ii) What are the different types of LASERS used in ENT ?

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- (iii) Define Nystagmus.
- (iv) What are the gases used in Crayo surgery ? What is the recommended temperature for Crayo ?
- (v) What is Eustation tube ?
- b) Write short notes on the following : 2x5
- (i) Phototherapy
- (ii) Routes of drug delivery
- (iii) Gas Laws
- (iv) Humidification
- (v) Muscle relaxants.

Part – A

2. Describe briefly the anatomy of Ear, nose and throat. 10
3. Give the detailed description of the different types of Scopies with their application in ENT. 10

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Contd.

4. Write notes on : 5×2
- (a) Implantable hearing Aids with special reference to Cochlear implant.
- (b) Auditory Receptors.
5. What are the different types of Deafness ? Describe the role of Audiometry and Tympanometry in detection of different types of deafness.
- 10

Part – B

6. Describe the various steps of administering general anesthesia. 10
7. Describe the importance of monitoring and various types of monitoring in the operation theatre. 10

8. Give a sketch diagram and label the main parts of the Anesthesia machine. Mention in short about Vapouriser. 10
9. Write about the indication and complication of mechanical / artificial ventilation. 10
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