

BHARATI VIDYAPEETH (DEEMED TO BE UNIVERSITY), PUNE- INDIA
DOCTOR OF MEDICINE
M. D. ANAESTHESIA :SUMMER- 2022
SUBJECT : PAPER-I

Day : Friday
Date : 1/7/2022

S-722-2022

Time : 01:30 PM-04:30 PM
Max. Marks : 100

N.B.:

- 1) Draw Diagrams **WHEREVER** necessary.
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Long Questions

(15 Marks Each)

- Q.1** Define preload and afterload. Discuss the factors which influence preload and afterload under anaesthesia.
- Q.2** Describe the anatomy of larynx and its innervations. Briefly discuss nerve blocks necessary for awake fiberoptic intubation.

Semi-Long Questions (Answer ANY SEVEN)

(10 Marks Each)

- Q.3** What do you mean by term 'Recruitment maneuver'? Discuss its implications in anaesthesia management.
- Q.4** Write short note on 'Balanced Anaesthesia'.
- Q.5** Discuss how anesthesiologists can contribute for reducing 'Green house effect'.
- Q.6** Enumerate the factors regulating Cerebral Blood Flow and the effect of various anaesthetic drugs on CBF.
- Q.7** Discuss the role of plasma protein binding in anaesthesia practice. Enumerate the drugs bound to different plasma proteins.
- Q.8** Draw a diagram to illustrate the fetal circulation. Discuss the circulatory changes occurring at birth.
- Q.9** Discuss signs, symptoms and management of latex allergy.
- Q.10** Uptake, distribution and excretion of Nitrous oxide during anaesthesia.

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