

FELLOWSHIP IN PAEDIATRIC ANAESTHESIA
FELLOWSHIP IN PAEDIATRIC ANAESTHESIA : SUMMER : 2022
SUBJECT: PAPER-I

Day : Wednesday
Date 27-Apr-2022

S-20502-2022

Time : 10:00 AM-01:00 PM
Max. Marks: 100

N. B.

- 1) All questions are **COMPULSORY**.
 - 2) All questions carry **EQUAL** marks.
 - 3) Draw diagrams wherever **NECESSARY**.
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- Q.1** Explain the salient features of the cardiovascular changes that occur during transition from foetus to neonate.
- Q.2** What are the anatomical differences between the adult and paediatric airways with respect to airway management?
- Q.3** How does temperature regulation differ in neonates compared to adults?
- Q.4** Define apnea of prematurity. Discuss the aetiology and management of the same.
- Q.5** Discuss the role of HFNC in paediatric age group.
- Q.6** Discuss the goals of massive transfusion protocol in infants.
- Q.7** Discuss the merits of spinal anaesthesia with limitations in paediatric age group.
- Q.8** What is Dexmedetomidine? discuss its pharmacokinetics, indications and contraindications for use in children.
- Q.9** Aetiology and management of intraoperative anaphylaxis in paediatric patients.
- Q.10** Discuss paediatric simulation and its use in paediatric anaesthesia training.

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