

National Board of Examinations

Question Paper Name : DrNB Paediatric Surgery Paper1

Is this Group for Examiner? : No

Enable Mark as Answered Mark for Review and Clear Response : Yes

Question Number : 1 Question Type : SUBJECTIVE

- a) Describe immunobiology of organ transplantation. [5]
- b) What are the different types of liver transplantation? [5]

Question Number : 2 Question Type : SUBJECTIVE

- a) Define surgical site infection (SSI). [1]
- b) Discuss the etiopathogenesis of SSI. [3]
- c) Elaborate assessment criteria and management of SSI. [6]

Question Number : 3 Question Type : SUBJECTIVE

- a) Image defined risk factors in neuroblastoma (NB). [4]
- b) Stage IV-S NB. [3]
- c) What are the recent advances in the field of neuroblastoma management? [3]

Question Number : 4 Question Type : SUBJECTIVE

- a) Growth signaling pathways determining molecular basis of Embryogenesis. [3]
- b) MOMS Trial. [3]
- c) Prenatal prognostic factors of congenital diaphragmatic hernia. [4]

Question Number : 5 Question Type : SUBJECTIVE

- a) Describe study design for Systematic reviews and Meta-analysis. [4]
- b) How do you determine sample size for a study? [2]
- c) Describe parametric and non-parametric statistical tests and their application. [4]

Question Number : 6 Question Type : SUBJECTIVE

- a) Describe the PRETEXT staging of pediatric liver tumors. [3]
- b) Write about the immunosuppressant therapy for paediatric liver transplant patients. [4]
- c) What are the difficulties in relation to paediatric liver transplant. [3]

Question Number : 7 Question Type : SUBJECTIVE

- a) Primary and secondary survey in a child with history of fall from height. [4]
- b) Triage in trauma. [3]
- c) Glasgow Coma Scale with special mention in relation to paediatric patients. [3]

Question Number : 8 Question Type : SUBJECTIVE

- a) Levels of evidence in clinical research. [4]
- b) Describe in detail how you will design a case control study with an example. [6]

Question Number : 9 Question Type : SUBJECTIVE

- a) Write about the fluid & energy requirement of a fullterm surgical neonate of day three post operative period. [4]
- b) What are the types and components of total parenteral nutrition (TPN). [3]
- c) Discuss the monitoring of a child on TPN. [3]

Question Number : 10 Question Type : SUBJECTIVE

- a) Different routes of venous access in infants. [4]
- b) Describe Seldingers technique of central line insertion. [3]
- c) Complications of subclavian vein cannulation. [3]