

# National Board of Examinations

<b>Question Paper Name :</b>	DrNB Paediatric Surgery Paper1
<b>Subject Name :</b>	DrNB Paediatric Surgery Paper1
<b>Creation Date :</b>	2021-08-25 17:09:17
<b>Duration :</b>	180
<b>Total Marks :</b>	100
<b>Display Marks:</b>	No

## DrNB Paediatric Surgery Paper1

<b>Group Number :</b>	1
<b>Group Id :</b>	327187258
<b>Group Maximum Duration :</b>	0
<b>Group Minimum Duration :</b>	180
<b>Show Attended Group? :</b>	No
<b>Edit Attended Group? :</b>	No
<b>Break time :</b>	0
<b>Group Marks :</b>	100
<b>Is this Group for Examiner? :</b>	No

## DrNB Paediatric Surgery Paper1

<b>Section Id :</b>	327187261
<b>Section Number :</b>	1
<b>Section type :</b>	Offline
<b>Mandatory or Optional :</b>	Mandatory

<b>Number of Questions :</b>	10
<b>Number of Questions to be attempted :</b>	10
<b>Section Marks :</b>	100
<b>Enable Mark as Answered Mark for Review and Clear Response :</b>	Yes
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	327187265
<b>Question Shuffling Allowed :</b>	No

**Question Number : 1 Question Id : 3271871100 Question Type : SUBJECTIVE**

**Correct Marks : 10**

- a) Describe the clotting mechanism. [5]
- b) Name the common bleeding disorders that could be encountered in pediatric surgical practice. [2]
- c) Their implications in Paediatric surgical practice. [3]

**Question Number : 2 Question Id : 3271871101 Question Type : SUBJECTIVE**

**Correct Marks : 10**

- a) Describe the anatomy of ventricles of brain with diagram. [4]
- b) Write about the physiology of Cerebrospinal fluid. [2]
- c) Define Hydrocephalus. What is the role of minimally invasive surgery in the management of paediatric hydrocephalus? [1+3]

**Question Number : 3 Question Id : 3271871102 Question Type : SUBJECTIVE**

**Correct Marks : 10**

- a) Discuss briefly about the mechanism of thermo-regulation in new born. [5]
- b) Write about the consequences and management of hypothermia in new born. [2+3]

**Question Number : 4 Question Id : 3271871103 Question Type : SUBJECTIVE**

**Correct Marks : 10**

- a) Write about foetal circulation and its transition in the post natal life. [4+3]

b) Write briefly about persistent foetal circulation. [3]

**Question Number : 5 Question Id : 3271871104 Question Type : SUBJECTIVE**

**Correct Marks : 10**

a) Discuss about the acid base and electrolyte disturbances in a case of hypertrophic pyloric stenosis. [5]

b) What is the medical management of hypertrophic pyloric stenosis? [2]

c) What are the complications of Pyloromyotomy? [3]

**Question Number : 6 Question Id : 3271871105 Question Type : SUBJECTIVE**

**Correct Marks : 10**

Discuss about the intestinal transplantation under following headings:

a) Indications for transplantation. [3]

b) Operative procedure. [4]

c) Post-operative management. [3]

**Question Number : 7 Question Id : 3271871106 Question Type : SUBJECTIVE**

**Correct Marks : 10**

A one day old new born female baby admitted with a very large Sacrococcygeal teratoma (SCT).

a) Write about the embryology of SCT. [3]

b) Associated problems with large tumour. [2]

c) Role of antenatal USG. [3]

d) Prognostic factors of SCT. [2]

**Question Number : 8 Question Id : 3271871107 Question Type : SUBJECTIVE**

**Correct Marks : 10**

a) What is Total Parenteral Nutrition (TPN)? [2]

b) Write about indications and complications of TPN in paediatric surgical cases. [4+4]

**Question Number : 9 Question Id : 3271871108 Question Type : SUBJECTIVE**

**Correct Marks : 10**

A 9-year-old boy sustained handle bar injury to the abdomen following fall from bicycle 1 day back. He presented to the emergency with severe pain abdomen and vomiting.

- a) What are the possible injuries? [3]
- b) How will you investigate this patient? [3]
- c) Outline the management of this patient. [4]

**Question Number : 10 Question Id : 3271871109 Question Type : SUBJECTIVE**

**Correct Marks : 10**

- a) Define H-index, citation index and impact factor of a medical journal. [3]
- b) Classify evidence rating in support of a therapy. [4]
- c) Write about the application of Clinical evidence. [3]