

PAEDIATRIC SURGERY

PAPER-II

PED SURG 2/D/18/29/II

Time: 3 hours
Max. Marks:100

Important Instructions:

- Attempt all questions in order.
- Each question carries 10 marks.
- Read the question carefully and answer to the point neatly and legibly.
- Do not leave any blank pages between two answers.
- Indicate the question number correctly for the answer in the margin space.
- Answer all the parts of a single question together.
- Start the answer to a question on a fresh page or leave adequate space between two answers.
- Draw table/diagrams/flowcharts wherever appropriate.

Write short notes on:

1. a) Define hydrocephalus. 1+2+7
b) Describe the CSF physiology with diagram(s).
c) Describe the clinical features, diagnosis and management of hydrocephalus in children.
2. a) Enumerate the causes of macroglossia. 4+6
b) Describe the clinical features, diagnosis and management of this condition.
3. a) What are the features of tuberculous lymphadenopathy? 2+3+3+2
b) Describe the diagnostic tools available for tuberculosis.
c) What is the current anti-tubercular regime for management of tuberculous lymphadenopathy?
d) Enlist the drugs used for MDR (Multi-drug-resistant) tuberculosis in children.
4. a) What is Nuss procedure? 2+3+3+2
b) What are the important pre-operative considerations?
c) What are the principles of surgery of Nuss procedure?
d) Enlist the post-operative complications.
5. a) Enlist the cystic lesions of the mediastinum. 3+2+5
b) What are neurenteric cysts?
c) Describe the diagnosis and management of neurenteric cysts.
6. a) Describe the techniques of evaluation of esophageal anatomy and function. 4+1+5
b) Enlist the various types of esophagoscopes available for pediatric esophagoscopy.
c) Describe the therapeutic applications of esophagoscopy.

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7. a) Describe the embryology of the umbilicus with diagram(s). 2+2+2+4
b) Enlist the uses of umbilicus in neonates and children.
c) Enumerate the surgical conditions related to the umbilicus.
d) Describe the various techniques of repair of gastroschisis.
8. a) Describe the pathophysiology of meconium ileus. 3+3+4
b) Describe the spectrum of clinical features of this condition.
c) Discuss in detail the non-operative management of meconium ileus.
9. a) Enumerate all the causes of gastrointestinal bleeding in neonates and children. 3+4+3
b) Describe the various modes of presentation.
c) What are the techniques for identifying source of gastrointestinal bleeding?
10. a) Define primary peritonitis. 2+3+5
b) Enlist the causes of primary peritonitis in childhood.
c) Discuss the clinical features and management of this condition.
