

PAEDIATRICS

PAPER – I

Please read carefully the important instructions mentioned on Page ‘1’

- *Answers to questions of Part ‘A’ and Part ‘B’ are to be strictly attempted in separate answer sheet(s) and the main + supplementary answer sheet(s) used for each part must be tagged separately.*
- *Answers to questions of Part ‘A’ attempted in answer sheet(s) of Part ‘B’ or vice versa shall not be evaluated.*

PART B

6. a) Pathophysiology of thrombophilia. 4+4+2
b) Outline management of polycythemia.
c) Enumerate the oncologic emergencies occurring in leukemia/lymphomas.
7. a) Biology and role of cytokines in newborn infants. 3+3+4
b) Oxygenation index.
c) ASHA.
8. a) Define fulminant hepatic failure. 2+3+5
b) Stages of hepatic encephalopathy.
c) Management of fulminant hepatic failure.
9. a) Development of diaphragm, trachea and esophagus. (2+2+2)+4
b) Diagrammatically depict various types of tracheo-esophageal fistulae.
10. a) Give graphical picture and explanation of elastic volume-pressure relationship of lung and chest wall in children. 6+4
b) How would you distinguish restrictive vs obstructive lung disease based on PFT?
