

M.D. (PAEDIATRICS) : SUMMER - 2018

SUBJECT: PAPER-I: BASIC SCIENCES AS APPLIED TO PEDIATRICS

Day : **Saturday**
Date : **02/06/2018**

S-2018-3395

Time : **2.00 P.M. TO 5.00 P.M**
Max. Marks: 100.

N.B.:

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the right indicate full marks.
 - 3) Neat diagrams must be drawn wherever necessary.
 - 4) Your answer will be valued as a whole.
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Long Questions:

(2 x 15 = 30 marks)

- Q.1** Describe pathophysiology of clinical features and management of septic shock?
- Q.2** Enumerate X-linked recessive disorders. Outline the diagnostic approach to a bleeding child?

Q.3 Semi Long questions (Any Seven)

(7 x 10 = 70 marks)

- a) SMR.
- b) Antibiotic resistance.
- c) Biomarkers of cardiac injury.
- d) Hyperoxia test.
- e) Palliative and end of life care.
- f) Indicators of vitamin D deficiency.
- g) Management of Hyperkalemia.
- h) Justify the need of cord blood screening for metabolic disorders.

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