



RAE-9044

Seat No. _____

M. D. (Branch - V) Examination

March / April - 2019

Pediatrics : Paper - I

(Basic Science) (Theory)

Time : 3 Hours]

[Total Marks : 100

- 1** Describe : **40**
- (a) Describe development of heart. Discuss fetal circulation and neonatal circulation. Discuss preventive aspects of congenital heart diseases.
 - (b) Attention deficit hyperactivity disorder (ADHD).
- 2** Describe : **30**
- (a) Macrophage activation syndrome.
 - (b) Interpretation of peripheral blood smear examination.
 - (c) Humidified high flow nasal cannula oxygen therapy.
- 3** Describe : **30**
- (a) Cow's milk protein allergy.
 - (b) Statistical tests for analysis in research methodology.
 - (c) Discuss different patterns of genetic transmission.
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