

PARUL UNIVERSITY
FACULTY OF AYURVED
M.S./M.D. (Ayurved), July 2018 Examination

Year: Final Year**Subject Code: 02207201****Subject Name: Kaumarbhrutya Bala Roga - Bija, Garbha Vigyaniya
(Human Genetics, Embryology) - Paper 1****Date: 09/07/2018****Time: 10:00 am to 1:00 pm****Total Marks: 100**

1. Attempt all questions from each section.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Write separate sections on separate answer sheets.

SECTION – A (50 Marks)

- Q.1** “*Yasya Yasya Angavayavasya.....*” explain stanza with scientific description. **(20)**
- Q.2** Explain the scientific relevance of Garbhasya Matrujadi Bhava **(20)**
- Q.3 Attempt any Two. (Each of 5 marks)** **(10)**
- a. Chromosomal aberrations
 - b. Down syndrome
 - c. Genetic counselling

SECTION – B (50 Marks)

- Q.1** Describe Garbhasya masanumasika Vriddhi as per Ayurveda and modern science **(20)**
- Q.2** Explain “*Bijatmakarmashaya kala Dosha.....*” stanza from teratology perspective **(20)**
- Q.3 Attempt any Two. (Each of 5 marks)** **(10)**
- a. Fetal circulation
 - b. Garbha Nadi Vikriti
 - c. Enlist Inheritance pattern