

PARUL UNIVERSITY
FACULTY OF AYURVED
M.D/M.S. (Ayurved), August 2022 Examination

Year: Final Year
Subject Code: 02207201
Subject Name: (BIJA GARBHA VIJNANIYA – HUMAN GENETICS, EMBRYOLOGY- PAPER-1)

Date: 23/08/2022
Time: 10:00am to 01:00pm
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 Compulsory (20)

बीजात्मकर्माशय कालदोषैर्मातुस्तथाहार विहार दोषैः | कुर्वन्ति दोषाः विविधानि दुष्टः संस्थानवर्णोद्विज
वैकृतानि || explain the above shloka and also describe about *Sahaj Hridaya Vikara*
(Congenital Heart Disease) in details

Q.2 Compulsory (20)

Explain Genetic Disorders with etiopathogenesis concerned with *Bija-Bijabhaga-Bijabhagavayava*.

OR

Describe significance of *Atulyagotriya Vivah* (Non-consanguinas marriage) and discuss the *Matruj Bhava* With Special Reference to Mitochondrial Inheritance in Fetal Development.

Q.3 Attempt any Two. (Each of 5 marks) (10)

- a. Turner syndrome
- b. Asadhya Jataharini
- c. Ethics and Genetic

SECTION – B (50 Marks)

Q.1 Compulsory (20)

Describe the *Garbhposhana* from Conception to Birth and its importance in *Kaumarbhritya*

Q.2 Compulsory (20)

Describe the *Masanumasik Garbh Vruddhi Evum Vikas* **both Ayurveda & Modern Point of View**

OR

Discuss *Garbhini Pricharya* and its importance and effect of *Garbhopgtakar Bhavaja* in Development of Fetus.

Q.3 Attempt any Two. (Each of 5 marks) (10)

- a. Yamala Garbha
- b. Apra Nirman (Formation of Placenta)
- c. Importance of Genetic Counselling