

**Rajiv Gandhi University of Health Sciences, Karnataka**  
**Final Year M.D. / M.S. Ayurveda Degree Examination - 04-Mar-2025**

**Time: Three Hours**

**Max. Marks: 100 Marks**

**KAUMARABHRITYA - BALA ROGA - PAPER-I**  
**BIJA, GARBHA VIJNANIYA (HUMAN GENETICS, EMBRYOLOGY)**  
**(REVISED SCHEME-3)**

**Q.P. CODE: 3565**

Your answers should be specific to the questions asked.  
Draw neat, labeled diagrams wherever necessary.

**Answer All The Questions**

**10 X 10 = 100 Marks**

1. Explain the role of shadbhavas in the formation of garbha.
2. What are causative factors for congenital anomalies according to Ayurveda? Describe sahaja hridya vikara (congenital cardiac disorders).
3. Write down formation and features of nabhi nadi and its abnormalities.
4. Describe 3<sup>rd</sup> and 4<sup>th</sup> week development of garbha.
5. Write down the fate of sperm in female genital tract and mechanism of fertilization.
6. Describe single gene pattern of inheritance.
7. Describe garbha poshana from conception to birth.
8. Describe Sanniruddha guda, cleft lip and palate with management.
9. Explain in detail about genetic counseling ethics and genetics.
10. Describe yamala garbha (Twins) and its management.

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