

KAUMARA BHRITYA**PAPER I****Garbhopakramah****Q.P. CODE: 8606**

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY**1 X 25 = 25 Marks**

1. Explain the Beeja – Beeja Bhaga and Beeja Bhagavayava concept of genetic transmission of traits, characters and diseases in human beings with suitable examples.

SHORT ESSAY**2 X 12.5 = 25 Marks**

2. What are "Garbha Sambhava Samagri" required for formation and maintenance of Garbha. Explain.
3. Elaborate the message given by the chapter Athulya Gotreeya in Sareera Sthana of Caraka Samhita.

SHORT ANSWERS**10 X 5 = 50 Marks**

4. Explain Sukra and Sonita giving due importance to the details of Sperm and Ovum.
5. Explain intra-uterine growth restriction on the light of various Garbha vyapath.
6. Write short note on Down Syndrome.
7. What is Karyotyping? Explain.
8. What is genetic inheritance? Explain with examples.
9. Explain the role of Dauhruda vimanana in fetal development.
10. Klinefelter syndrome
11. Explain Autosomal dominance.
12. What are Garbha Upaghatakara bhavas?
13. Kalagarbhasaya Prakruti

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