

M.D. DEGREE EXAMINATION
BRANCH XXIII – ANATOMY
PAPER II – EMBRYOLOGY AND GENETICS

Q.P. Code: 202090

Time : Three Hours

Maximum : 100 Marks

I. Essay:

(2 x 15 = 30)

1. Describe in detail about sexual differentiation and its associated anomalies
2. Describe in detail about the development of placenta along with its anomalies

II. Short notes:

(10 x 5 = 50)

1. Chromosomes
2. Genetic counselling
3. Vitello intestinal duct
4. Oncogenes
5. Assisted reproduction
6. Hare lip
7. Development of duodenum
8. Cervical sinus
9. Spermateleosis
10. Development of vertebra

III. Reasoning Out:

(4 x 5 = 20)

State whether each of the following statement is TRUE or FALSE and reason out.

1. Trigone of urinary bladder is endodermal in origin
2. Adenohypophysis is neuroectodermal in origin
3. Diaphragmatic pleura is derived from splachnopleure
4. Tympanic membrane is mesodermal in origin
