

JAYPEE UNIVERSITY OF INFORMATRION TECHNOLOGY, WAKNAGHAT

T1 EXAMINATION - February 2020

BTech VIII Semester

COURSE CODE: 11B1WBT834

MAX. MARKS: 15

COURSE NAME: Genetic Counseling

COURSE CREDITS: 03

MAX. TIME: 1.0 HRS

*Note: All questions are compulsory. Carrying of mobile phone during examinations will be treated as case of unfair means.*

(CO; Marks)

1. What are the various prenatal tests to know the chances of having a child with genetic disorder? (CO1&2; 3)
2. What are the responsibilities of a genetic counselor? (CO1; 2)
3. Explain contracting in a genetic counseling session. (CO1; 2)
4. Write a note of directive and non-directive genetic counseling. (CO1; 2)
5. What are advantages and disadvantages of pre-symptomatic testing of a genetic disorder? (CO1; 2)
6. What would be your suggestions to the parents who already have a Down's syndrome child? (CO2; 2)
7. What are sense and non-sense mutations? Explain with examples. (CO1; 2)