

University of Al-Qadisiyah
College of Biotechnology
Dept. of Agriculture Biotechnology
Date: 3/5/2017



Examination: Cytogenetic
Time: Two
Stage: third year
الدور الثالث

Final semester examination of first semester 2016-2017

Note: Answer Four questions .

Q 1/ Define the following: (10Marks)

- 1)Haploid 2)Polyploid 3)Monosomy 4)Telomere
5) Enhancer sequences

Q 2/ Answer the following:

- A) Explain the " Gene expression" and its control. (5Marks)
B)Mention steps of protein synthesis . (5Marks)

Q 3/ Answer the following:


- A) Compare between mitosis and meiosis. (5Marks) ✓
B)What do we mean by the term "genetic code" ? (5Marks) ✓

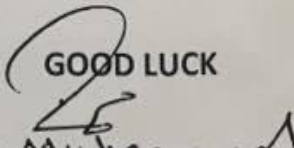
Q 4/ A) What are the most important features of turner Syndrome? (5 Marks) ✓

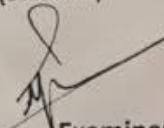
B) what is the composition of chromosomes ? (5Marks) ✓

Q 5/ A) write about chromosome abnormality . (5 Marks) ✓

B) Classify of chromosomes according to position of centromere. (5Marks)


Head of Department
Dr. Saadia Yasser Aafi

Stimulus
GOOD LUCK

Dr. Muhammad
M.S


Examiner
Makeya Abduljabbar