

University of Al-Qadisyiah

College of Biotechnology

Dept. of Medical Biotechnology



Examination:

Time: Two hours

Stage: Cytogenetic

المعز لادل

3/15/2017

Final semester examination of second semester 2016-2017

* Eight Marks For each question.

Note: Answer of ~~five~~ ^{point} question only

Q1: Define the following five only?

1-Hereditiy 2-Genome 3-Intron 4- DNA 5- Gene Expression

6- Genetic Code 7- Mitosis.

Q2: What's function from synthesis of Enzyme in the cell?

Q3: Answer the following with short notes? ~~two~~ ^{three} only

1-Whats difference between RNA polymerase and DNA polymerase?

2-Difference between sense and anti-sense strand RNA?

3-Eukaryote m RNA produced by..... While Eukaryote r RNA is produced

4-m RNA produced by Eukaryote gene is Which name

Q4: What's important of telomerase enzyme?

Q5: What's levels of gene expression and regulation mention with short notes?

Q6: Classify the cells depend on the capacity to grow and divide?

Best wishes

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