

الاختبار النهائي لمقرر 551 نبت " علم الوراثة المتقدم "

اسم الطالب : _____

الرقم الجامعي : _____

الشعبة : _____

السؤال الأول [10 درجات]

- Explain how could the fine structure of DNA was elucidated as a double helix through utilizing its chemical and physical properties
- Identify the different types of DNA cloning vectors, and then mention the properties of the plasmid vectors?

السؤال الثاني [10 درجات]

Using labeled schematic diagram, explain the steps of PCR and compare between DNA replication in both PCR and Bacterial cell

السؤال الثالث [20 درجة]

Using labeled schematic diagram, explain the steps followed to treat with a DNA segment starting from its loading onto the plasmid and until selection of the plasmid containing the relevant DNA segment

مع أطيب الدعوات بالتوفيق