

University of Al-Qadisyiah

College of Biotechnology

Dept. of Medical Biotechnology



Examination: Practical Pharmacology

Time: Two hours

Stage: Third class

Final semester examination of second semester 2016-2017

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Note: Answer (4) questions only.

Q/1: A- Prepare zinc oxide ointment 20%?

B- Enumerate only the constituents of the stromal vascular fraction (SVF) therapy?

Q/2: Prepare tincture iodine solution 10% ?.

Q/3: A- What are stem cells?

B- Prepare zinc oxide ointment 15%?

Q/4: Define the following: 1- ointment. 2- lotion 3- transdermal patches. 4- topical solutions 5- cream

Q/5: Enumerate only the tissues that stem cells can differentiate to them?

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Best wishes

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Department head

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Department head

Assist. Prof. Amir I. Towfik
Examiner

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