Name ………………………………

Student ID…………………………

Total mark

**8**

**Q1: Choose the best answer in the following questions**

**5**

5

1. **The electrode placement in the interferential current can be:**
2. Bipolar application
3. 2-pole application
4. Quadripolar application
5. All of the above
6. **The pulse duration of the HVGSC is**
7. 1ms
8. 0.1 ms
9. 10ms
10. None of the above
11. **Acupuncture TENS is decreasing pain through**
12. Stimulation of mechanoreceptors
13. Releasing morphine- like substances
14. Both a & b
15. Neither a nor b
16. **The functional electrical stimulation is using one of the following current while moving the joint or during the gait training**
17. HVGC
18. Sinusoidal current
19. TENS
20. Faradic current
21. **Lylah has problems in sensation, the physiotherapy program was aimed to improve her sensory stimulation. What would you suggest from the following currents?**
22. HVGC
23. Sinusoidal current
24. Interferential current
25. Faradic current
26. **Fatmah is 37 years old, she has stress incontinence after a difficult her pregnancy and childbirth, what is the best current you will choose for her case?**
27. DF diadynamic current
28. HVGC
29. Sinusoidal current
30. Interferential current

1. **In the application of an acupuncture TENS you should apply the currents in the …….**
2. Trigger points
3. Dermatomes
4. Myotomes
5. All of the above
6. **The normal rheobase value is**
7. 2-10mA
8. 10-100 mA
9. 50-100mA
10. 0.1-10mA
11. **The interrupted direct current can be used to stimulate**
12. The innervated muscles
13. The dennervated muscles
14. The sensory nerve
15. All of the above
16. **The motor point is located**
17. Between the proximal 1/3 and the distal 2/3 of the muscle belly
18. Between the proximal 2/3 and the distal 1/3 of the muscle belly
19. Exactly in the middle of the muscle belly
20. None of the above

**Q2: Name the following types of electrodes**

 ………………………………………..

 …………………………………………….

 ……………………………………………

**3**

5