



FACULTY OF ALLIED HEALTH SCIENCES, UNIVERSITY OF RUHUNA
Department of Medical Laboratory Science
Year End Examination-Year 3-7th Batch

Andrology, Sub-fertility and Reproductive Health (MLS 3201)

Date: 16th May 2018

Time: 9.45 a.m.- 10.45 a.m.

Duration: 1 hour

Index Number:

35

1. Write short notes on the following.

1.1. One's spermatozoa are antigenic to himself. (25 marks)

1.2. Sperm-cervical mucus interaction test. (25 marks)

1.3. Factors needed to make a woman fertile. (25 marks)

1.4. Reasons for processing sperms before IUI? (25 marks)

2. When a laboratory manager visited the laboratory, he noticed a semen sample kept on the bare table. The patient data written on a piece of paper was kept nearby the sample. Patient name and ID number were mentioned on the paper, but time of collection and time of arrival of the sample at the laboratory were not mentioned. The lid of the sample container was loose. Laboratory computer has been switched on and it was not protected by a password. The patient registry was also kept open on the table, which could be seen by any one.

2.1 List six (06), bad laboratory practices noted after analyzing the scenario. (30 marks)

2.2 What is the recommended procedure of keeping a semen sample after receiving at the laboratory. (20 marks)

2.3 What is meant by liquefaction and how do you measure it. (30 marks)

2.4 How do you assess the viscosity of a semen sample? (20 marks)

