



File

FACULTY OF ALLIED HEALTH SCIENCES, UNIVERSITY OF RUHUNA
Department of Medical Laboratory Science
Year End Examination – Year 3 - 8th Batch
Andrology, Subfertility & Reproductive Health (MLS 3201) – SEQ

Date: 11th November 2019

Time: 09.45 a.m. - 10.45 a.m.

Duration: 01 hour

Answer all questions

Index Number:

1. A couple came to register for artificial donor sperm insemination. The female partner was 45 years old and the male partner was 47 years old. The couple had married for about 10 years. The couple directly come to the reproductive laboratory without a request from a doctor. The male had only one Seminal Fluid Analysis (SFA) report. They further requested to perform an Artificial Donor Insemination (AID) using a seminal fluid sample from their friend who is 50 years old. 39

- a. Can you recruit this couple for AID program? Discuss giving reasons. (65 Marks)
- b. List **four** unaccepted things observed in this scenario. (20 Marks)
- c. Discuss **three** important good practices to apply before starting AID. (15 Marks)

2. Write short notes on the following:

- a. Swim up method for sperm preparation (40 Marks)
- b. Sperm motility (30 Marks)
- c. Intra-cytoplasmic sperm injection (ICSI) (30 Marks)

