

**Aswan University**  
**Faculty of Medicine**  
**Obstetrics &Gynaecology Department**  
**MD Examination Paper V (Family planning)**

Time: 2 hours

Total marks=100

Date: 15/ 11 / 2021

No. of pages:4

**1-Write short essay on each of the following ( 10 marks each ) :-**

- 1-Contraception for diabetic women.
- 2-Recent developments in male contraception.
- 3-Long-lasting contraceptive vaginal rings
- 4-Once-A-Month birth control pill.
- 5-Nexplanon.

**II-Case scenarios (30 marks) :-**

I- A 34-year-old multiparous woman wearing an intrauterine hormone releasing system (LNG-IUS) for 2 years presented with subacute RT. sides pelvic pain with dyscasia. She had irregular cycles (metrorrhagia) since she started this method. Her general examination revealed discomfort and anxiety due to pain. Her vitals were pulse 110 b/m, temp. 37.6 C °, Bp 105/ 65 mmhg. Abdominal examination showed diffuse abdominal tenderness with localization on Rt. iliac fossa with positive rebound. Emergency 2 D abdominal ultrasound scan revealed bulky uterus with irregular sac inside it. A Rt. adnexal heterogenous mass 3x2.7x3.9 cm. was seen with thin layer of fluid in Douglas' pouch. ( 20 marks)

- a- What is the top differential diagnosis?
- b- Mention 3 other possible differential diagnoses?
- c- What are the investigations needed to confirm the diagnosis?
- d- Outline her management plan.
- e- Enumerate her postoperative contraceptive choices.

II-A 23-year-old woman P2+0 had 2 previous Cesarean deliveries. Her last one was 2 yeas ago. Her husband is a solider and comes for a holiday every 3 weeks. Due to irregular marital life, they use condom regularly since her last delivery. She presents with failed condom protection since 36 hours due to its rupture during intercourse. (10 marks)

Discus her counseling regarding contraceptive options.