

Master Sciences (MSc) Blueprint for Obstetrics and Gynecology
Academic year 2020- 2021

- **Department offering the training program:** Ob/Gyn department
- **Starting year:** 2020- 2021
- **Code:** OBGYN 828
- **Course Coordinator:** Prof. Nadine Sherif
- **Head of OB/GYN Department:** Prof. Ehab Soliman

Distribution of the Allocated marks:

		Obstetrics 50% (marks)	Gynecology 50% (marks)
Written	Short essay	60	60
	MCQs	60	60
	Commentary	50 (2 cases, each 25 marks)	50 (2 cases, each 25 marks)
Oral		40	40
Clinical (OSCE)		40	40
TOTAL		250	250

List of Topics (their weight out of 100%):

I. OBSTETRICS (50%)

- 1. Basic clinical skills (5%)**
- 2. Basic surgical skills (5%)**
- 3. Antenatal care including prenatal diagnosis (11%)**
- 4. Early pregnancy care and bleeding in early pregnancy (15%)**
- 5. Management of labor and delivery (17%)**
- 6. Bleeding in late pregnancy (15%)**
- 7. Complications of the third stage and postpartum problems (16%)**
- 8. Medical disorders during pregnancy (16%)**

II. GYNECOLOGY (50%)

- 1. Basic clinical skills (5%)**
- 2. Basic surgical skills (5%)**
- 3. Endocrine disorders (16%)**
- 4. General gynecology (8%)**
- 5. Upper and lower genital tract infections (15%)**
- 6. Family planning & contraception (16%)**
- 7. Infertility (10%)**
- 8. Urogynecology (5%)**
- 9. Gynecologic Oncology (15%)**
- 10. Gynecologic emergencies (5%)**

Topic	Method of Assessment				
	Written			Oral	Clinical (OSCE)
	SAQ	MCQs	Commentary		
I.OBSTETRICS					
1. Basic clinical skills (5%)					
• Obtain and record a relevant history/ analyze the history/ prioritize the problems				√	
• Clinical examination/ formulate a clear diagnostic plan					√
2. Basic surgical skills (5%)					
• Preoperative patient preparation		√		√	√
• Basics of surgical technique				√	√
• Postoperative care in elective and emergency settings.				√	√
3. Antenatal care (11%)					
• Preconception care	√	√		√	
• Physiology of pregnancy	√	√		√	
• Routine antenatal care	√	√		√	
• Prenatal diagnosis of congenital anomalies & genetic screening	√	√	√	√	√
4. Early pregnancy care & bleeding in early pregnancy (15%)					
• Abortion	√	√	√	√	
• Ectopic pregnancy	√	√	√	√	
• Gestational trophoblastic diseases	√	√	√	√	√
5. Management of labor and delivery (17%)					
• Mechanisms of normal and abnormal labor	√	√	√	√	√
• Management of vaginal	√	√	√	√	

delivery					
• Induction & augmentation of labor	√	√	√	√	
• Structure and use of partograms		√		√	√
• Fluid balance in labor and transfusion	√	√		√	
• Regional and general anesthesia	√	√		√	
• Assessment of fetal wellbeing	√	√		√	√
• Intrauterine fetal death (IUFD)	√	√	√	√	√
• Maternal collapse	√	√	√	√	
• Operative vaginal delivery	√	√	√	√	√
6. Bleeding in late pregnancy (15%)					
• Placenta previa	√	√	√	√	√
• Accidental hemorrhage	√	√	√	√	
• Vasa previa	√	√	√	√	
• Gynecological causes	√	√	√	√	√
7. Complications of third stage and postpartum problems (16%)					
• Postpartum hemorrhage	√	√	√	√	
• Retained placenta & placenta accreta	√	√	√	√	
• Puerpural pyrexia	√	√	√	√	
8. Medical disorders in pregnancy & puerperium (16%)					
• Hypertension	√	√	√	√	
• Heart disease	√	√	√	√	
• Circulatory disorders					
• Haemoglobinopathies					
• Gastrointestinal disorders	√	√	√	√	
• Liver diseases					
• Endocrine disorders	√	√	√	√	
• Obesity with pregnancy					
• Perinatal mental health	√	√	√	√	
• Neurological diseases					

• Connective tissue diseases	√	√	√	√	
• Pulmonary diseases	√	√	√	√	
• Infectious diseases	√	√	√	√	
• Neoplasia	√	√	√	√	
• Urinary tract disorders	√	√	√	√	
II.GYNECOLOGY					
1. Basic clinical skills (5%)					
• Obtain and record a relevant history/ analyze the history / prioritize the problems				√	
• Clinical examination/ formulate a clear diagnostic plan					√
2. Basic surgical skill course (5%)					
• Preoperative patient preparation		√		√	√
• Basics of surgical technique				√	√
• Postoperative care in elective and emergency settings.				√	√
3. Endocrine disorders (16%)					
• Menstrual Disorders	√	√	√	√	
• Abnormal uterine bleeding (AUB)	√	√	√	√	√
• Amenorrhoea	√	√	√	√	
• Normal and abnormal puberty	√	√	√	√	
• Menopause	√	√	√	√	
4. General gynecology (8%)					
• Fibroid	√	√	√	√	
• Adenomyosis & endometriosis	√	√	√	√	
• Chronic pelvic pain	√	√	√	√	
• Congenital anomalies of the genital tract	√	√	√	√	
5. Upper and lower genital tract infections (15%)					
• Vaginal & vulval infections	√	√		√	
• Pelvic inflammatory diseases (PID)	√	√	√	√	

6. Family planning & contraception (16%)					
• Physiological	√	√		√	
• Physical and chemical barriers	√	√	√	√	√
• hormonal	√	√	√	√	√
• IUD	√	√	√	√	√
• Sterilization	√	√	√	√	
• Emergency contraception	√	√	√	√	
7. Infertility (10%)					
• Assessment & management of infertile couple	√	√	√	√	√
• Assisted reproductive techniques (ART)	√	√	√	√	√
8. Urogynecology (5%)					
• Anatomy, physiology and pathophysiology of pelvic floor	√	√		√	
• Urinary and faecal incontinence	√	√	√	√	
• Urogenital prolapse	√	√	√	√	√
9. Gynecologic oncology (15%)					
• Functional ovarian cysts & benign ovarian neoplasms	√	√	√	√	√
• Premalignant and malignant conditions of vulva	√	√	√	√	√
• Premalignant and malignant conditions of cervix	√	√	√	√	√
• Premalignant and malignant conditions of uterus	√	√	√	√	√
• premalignant and malignant conditions of ovary	√	√	√	√	√

10. Gynecologic emergencies (5%)					
• Vulval abscesses	√	√	√	√	
• Complicated ovarian masses	√	√	√	√	
• Acute vaginal bleeding (in non-pregnant patients)	√	√	√	√	

**Postgraduate Course
Coordinator**

Prof. Nadine Sherif

**Head of OBGYN
Department**

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