**OBSTETRICS & GYNECOLOGY (CODE: OG)**

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| **Number** | **COMPETENCY** |  |  | **Domain** | **Level** | **Core** | **Suggested Teaching** | | **Suggested** | **Number** | **Vertical** | **Horizontal** |
|  | **The student should be able to:** |  |  | **K/S/A/C** | **K/KH/** | **(Y/N)** | **Learning method** | | **Assessment method** | **required** | **Integration** | **Integration** |
|  |  |  |  |  | **SH/P** |  |  |  |  | **to certify** |  |  |
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|  |  |  | **OBSTETRICS & GYNAECOLOGY** | | | | | |  |  |  |  |
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| **Topic: Demographic and Vital Statistics** | | **Number of competencies: (03)** | | | | |  | **Number of procedures that require certification : (NIL)** | | | |  |
|  |  |  |  |  |  |  |  | |  |  |  |  |
| OG1.1 | Define and discuss birth rate, maternal mortality and morbidity |  |  | K | KH | Y | Lecture, Small group | | Short notes |  | Community |  |
|  |  |  |  |  |  |  | discussion |  |  |  | Medicine |  |
|  |  |  |  |  |  |  |  | |  |  |  |  |
| OG1.2 | Define and discuss perinatal mortality and morbidity including |  |  | K | KH | Y | Lecture, Small group | | Short notes |  | Community | Pediatrics |
|  | perinatal and neonatal mortality and morbidity audit |  |  |  |  |  | discussion |  |  |  | Medicine |  |
|  |  |  |  |  |  |  |  | |  |  |  |  |
| OG1.3 | Define and discuss still birth and abortion |  |  | K | KH | Y | Lecture, Small group | | Short notes |  | Forensic |  |
|  |  |  |  |  |  |  | discussion |  |  |  | Medicine & |  |
|  |  |  |  |  |  |  |  |  |  |  | Toxicology |  |
|  |  | | |  |  |  |  |  |  |  |  |  |
| **Topic: Anatomy of the female reproductive tract (Basic anatomy and embryology)** | | | | |  |  |  |  |  |  |  |  |
|  | **Number of competencies: (01)** | | | | | | **Number of procedures that require certification : (NIL)** | | | | |  |
|  |  | |  |  |  |  |  | |  |  |  |  |
| OG2.1 | Describe and discuss the development and anatomy of the female | |  | K | KH | Y | Lecture, Small group | | Theory/ Skill station |  | Human Anatomy |  |
|  | reproductive tract, relationship to other pelvic organs, applied |  |  |  |  |  | discussion |  |  |  |  |  |
|  | anatomy as related to Obstetrics and Gynaecology. |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | |  |  |  |  |  |  |  |  |  |
| **Topic: Physiology of conception** | | **Number of competencies: (01)** | | | | | | **Number of procedures that require certification : (NIL)** | | | |  |
|  |  | |  |  |  |  |  | |  |  |  |  |
| OG3.1 | Describe the physiology of ovulation, menstruation, fertilization, | |  | K | K | Y | Lecture, seminars | | Theory |  | Physiology |  |
|  | implantation and gametogenesis. |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | |  |  |  |  |  |  |  |  |  |
| **Topic: Development of the fetus and the placenta** | | **Number of competencies: (01)** | | | | |  | **Number of procedures that require certification : (NIL)** | | | |  |
|  |  |  |  |  |  |  |  | |  |  |  |  |
| OG4.1 | Describe and discuss the basic embryology of fetus, factors |  |  | K | K | Y | Lecture, Small group | | Theory |  | Human Anatomy |  |
|  | influencing fetal growth and development, anatomy and physiology | | |  |  |  | discussion |  |  |  |  |  |
|  | of placenta, and teratogenesis |  |  |  |  |  |  |  |  |  |  |  |
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| **Number** | **COMPETENCY** |  | **Domain** | **Level** | **Core** | **Suggested Teaching** | **Suggested** | **Number** | **Vertical** | **Horizontal** |
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|  |  |  |  | **SH/P** |  |  |  | **to certify** |  |  |
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| **Topic: Preconception counselling** | | **Number of competencies:(02)** | | | | **Number of procedures that require certification : (NIL)** | | | |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG5.1 | Describe, discuss and identify pre-existing medical disorders and | | K/S | SH | Y | Lecture, Bedside | Theory/ clinical |  |  |  |
|  | discuss their management; discuss evidence-based intrapartum | |  |  |  | clinics | assessment |  |  |  |
|  | care |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| OG5.2 | Determine maternal high risk factors and | verify immunization status | K/S | SH | Y | Lecture, Bedside | Theory/ clinical |  |  |  |
|  |  |  |  |  |  | clinics | assessment |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Topic: Diagnosis of pregnancy** | | **Number of competencies:(01)** | | | | **Number of procedures that require certification : (NIL)** | | | |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG6.1 | Describe, discuss and demonstrate the clinical features of | | S | SH | Y | Lecture, Small group | Theory/ |  |  |  |
|  | pregnancy, derive and discuss its differential diagnosis, elaborate | |  |  |  | discussion, Bedside | Clinical assessment/ |  |  |  |
|  | the principles underlying and interpret pregnancy tests. | |  |  |  | clinics | Viva voce |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Topic: Maternal Changes in pregnancy** | | **Number of competencies: (01)** | | | | **Number of procedures that require certification : (NIL)** | | | |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG7.1 | Describe and discuss the changes in the genital tract, | | K | KH | Y | Lecture, seminars | Theory |  | Physiology |  |
|  | cardiovascular system, respiratory, haematology, renal and | |  |  |  |  |  |  |  |  |
|  | gastrointestinal system in pregnancy |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Topic: Antenatal Care** | | **Number of competencies: (08)** | | | | **Number of procedures that require certification : (NIL)** | | | |  |
|  |  | |  |  |  |  |  |  |  | |
| OG8.1 | Enumerate, describe and discuss the objectives of antenatal care, | | K | KH | Y | Small group | Written/ Viva voce/ |  | Community Medicine | |
|  | assessment of period of gestation; screening for high-risk factors. | |  |  |  | discussion, Bedside | Skill assessment |  |  |  |
|  |  |  |  |  |  | clinics, Lecture |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG8.2 | Elicit document and present an obstetric history including menstrual | | K/S | SH | Y | Small group | Written/ Viva voce/ |  |  |  |
|  | history, last menstrual period, previous obstetric history, comorbid | |  |  |  | discussion, Bedside | Skill assessment |  |  |  |
|  | conditions, past medical history and surgical history | |  |  |  | clinics, Lecture |  |  |  |  |

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| OG8.3 | Describe, demonstrate, document and perform an obstetrical | | K/S | SH | Y | Bed side clinic, DOAP | Skill assessment |  |  |  |
|  | examination including a general and abdominal examination and | |  |  |  | session |  |  |  |  |
|  | clinical monitoring of maternal and fetal well-being; |  |  |  |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG8.4 | Describe and demonstrate clinical monitoring of maternal and fetal | | K/S | SH | Y | Bedside clinic, DOAP | Skill assessment/ |  |  |  |
|  | well-being |  |  |  |  | session, Small group | Written/ Viva voce |  |  |  |
|  |  |  |  |  |  | discussion |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG8.5 | Describe and demonstrate pelvic assessment in a model | | K/S | SH | Y | DOAP session | Skill assessment |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG8.6 | Assess and counsel a patient in a simulated environment regarding | | K/S | SH | Y | DOAP session, | Skill assessment |  |  |  |
|  | appropriate nutrition in pregnancy |  |  |  |  | Bedside clinic |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| OG8.7 | Enumerate the indications for and types of | vaccination in | K | KH | Y | Lecture, Small group | Written/ Viva voce |  |  |  |
|  | pregnancy |  |  |  |  | discussion |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG8.8 | Enumerate the indications and describe the investigations including | | K | KH | Y | Lecture, Small group | Written/ Viva voce |  |  |  |
|  | the use of ultrasound in the initial assessment and monitoring in | |  |  |  | discussion |  |  |  |  |
|  | pregnancy |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Topic: Complications in early pregnancy** | | **Number of competencies: (05)** | | | | **Number of procedures that require certification: (NIL)** | | | |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG9.1 | Classify, define and discuses the aetiology and management of | | K | KH | Y | Lecture, Small group | Written/ Viva voce |  |  |  |
|  | abortions including threatened, incomplete, inevitable, missed and | |  |  |  | discussion |  |  |  |  |
|  | septic |  |  |  |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG9.2 | Describe the steps and observe/ assist in the performance of an | | S | SH | Y | DOAP session, | Viva voce |  | Forensic |  |
|  | MTP evacuation |  |  |  |  | Bedside clinic |  |  | Medicine |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG9.3 | Discuss the aetiology, clinical features, differential diagnosis of | | K | KH | Y | Lecture, Small group | Written/ Viva voce |  |  |  |
|  | acute abdomen in early pregnancy (with a focus on ectopic | |  |  |  | discussion |  |  |  |  |
|  | pregnancy) and enumerate the principles of medical and surgical | |  |  |  |  |  |  |  |  |
|  | management |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |

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| OG9.4 | Discuss the clinical features, laboratory investigations, |  | K | KH | Y | Lecture, Small group | Written/ Viva voce |  |  | Radiodiagnosis |
|  | ultrasonography, differential diagnosis, principles of management | |  |  |  | discussion |  |  |  |  |
|  | and follow up of gestational trophoblastic neoplasms |  |  |  |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG9.5 | Describe the etiopathology, impact on maternal and fetal health and | | K | KH | Y | Lecture, Small group | Written/ Viva voce |  |  |  |
|  | principles of management of hyperemesis gravidarum |  |  |  |  | discussion |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Topic: Antepartum haemorrhage** | | **Number of competencies: (02)** | | | | **Number of competencies that require certification: (NIL)** | | | |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG10.1 | Define, classify and describe the aetiology, pathogenesis, clinical | | K | KH | Y | Lecture, Small group |  |  |  |  |
|  | features, ultrasonography, differential diagnosis and management of | |  |  |  | disussion, Bedside |  |  |  |  |
|  | antepartum haemorrhage in pregnancy |  |  |  |  | clinic |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG10.2 | Enumerate the indications and describe the appropriate use of | | K | KH | Y | Lecture, Small group |  |  | Pathology |  |
|  | blood and blood products, their complications and management. | |  |  |  | discussion |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Topic: Multiple pregnancies** | | **Number of competencies: (01)** | | | | **Number of procedures that require certification : (NIL)** | | | |  |
|  |  |  |  |  |  |  |  |  |  |  |
| OG11.1 | Describe the etiopathology, clinical features; diagnosis and |  | K | KH | Y | Lecture, Small group | Theory/ OSCE/ |  |  |  |
|  | investigations, complications, principles of management of multiple | |  |  |  | discussion, Bedside | Clinical assessment/ |  |  |  |
|  | pregnancies |  |  |  |  | clinics | Viva voce |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Topic: Medical Disorders in pregnancy** | | **Number of competencies: ( 08)** | | | | **Number of procedures that require certification : (NIL)** | | | |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG12.1 | Define, classify and describe the etiology and pathophysiology, | | K | KH | Y | Lecture, Small group | Written/ Viva voce/ |  |  | General Medicine |
|  | early detection, investigations; principles of management of |  |  |  |  | discussion, Bedside | Skill assessment |  |  |  |
|  | hypertensive disorders of pregnancy and eclampsia, complications | |  |  |  | clinics |  |  |  |  |
|  | of eclampsia. |  |  |  |  |  |  |  |  |  |
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**105**

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|  |  |  | **SH/P** |  |  |  | **to certify** |  |  |
|  |  |  |  |  |  |  | **P** |  |  |
|  |  |  |  |  |  |  |  |  |  |
| OG12.2 | Define, classify and describe the etiology, pathophysiology, | K | KH | Y | Lecture, Small group | Written/ Viva voce/ |  |  | General Medicine |
|  | diagnosis, investigations, adverse effects on the mother and foetus |  |  |  | discussion, Bedside | Skill assessment |  |  |  |
|  | and the management during pregnancy and labor, and |  |  |  | clinics |  |  |  |  |
|  | complications of anemia in pregnancy |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| OG12.3 | Define, classify and describe the etiology, pathophysiology, | K | KH | Y | Lecture, Small group | Written/ Viva voce/ |  |  | General Medicine |
|  | diagnosis, investigations, criteria, adverse effects on the mother and |  |  |  | discussion, Bedside | Skill assessment |  |  |  |
|  | foetus and the management during pregnancy and labor, and |  |  |  | clinics |  |  |  |  |
|  | complications of diabetes in pregnancy |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| OG12.4 | Define, classify and describe the etiology, pathophysiology, | K | KH | Y | Lecture, Small group | Written/ Viva voce/ |  |  | General Medicine |
|  | diagnosis, investigations, criteria, adverse effects on the mother and |  |  |  | discussion, Bedside | Skill assessment |  |  |  |
|  | foetus and the management during pregnancy and labor, and |  |  |  | clinics |  |  |  |  |
|  | complications of heart diseases in pregnancy |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| OG12.5 | Describe the clinical features, detection, effect of pregnancy on the | K | KH | Y | Lecture, Small group | Written/ Viva voce/ |  |  | General Medicine |
|  | disease and impact of the disease on pregnancy complications and |  |  |  | discussion, Bedside | Skill assessment |  |  |  |
|  | management of urinary tract infections in pregnancy |  |  |  | clinics |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| OG12.6 | Describe the clinical features, detection, effect of pregnancy on the | K | KH | Y | Lecture, Small group | Written/ Viva voce/ |  |  | General Medicine |
|  | disease and impact of the disease on pregnancy complications and |  |  |  | discussion, Bedside | Skill assessment |  |  |  |
|  | management of liver disease in pregnancy |  |  |  | clinics |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| OG12.7 | Describe and discuss screening, risk factors, management of | K | KH | Y | Lecture, Small group | Written/ Viva voce/ |  |  | General Medicine |
|  | mother and newborn with HIV |  |  |  | discussion, Bedside | Skill assessment |  |  |  |
|  |  |  |  |  | clinics |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| OG12.8 | Describe the mechanism, prophylaxis, fetal complications, diagnosis | K | KH | Y | Lecture, Small group | Written/ Viva voce/ |  |  |  |
|  | and management of isoimmunization in pregnancy |  |  |  | discussion, Bedside | Skill assessment |  |  |  |
|  |  |  |  |  | clinics |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |

**106**

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|  |  |  |  | **SH/P** |  |  |  | **to certify** |  |  |
|  |  |  |  |  |  |  |  | **P** |  |  |
|  |  | |  |  |  |  |  |  |  |  |
| **Topic: Labour** | **Number of competencies: (05)** | | | | | **Number of procedures that require certification : (01)** | | | |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG13.1 | Enumerate and discuss the physiology of normal labor, mechanism | | K/S | KH | Y | Lecture, | Theory/Clinical |  |  |  |
|  | of labor in occipito-anterior presentation; monitoring of labor |  |  |  |  | Small group | assessment/ |  |  |  |
|  | including partogram; conduct of labor, pain relief; principles of |  |  |  |  | discussion (with | Viva voce |  |  |  |
|  | induction and acceleration of labor; management of third stage of | |  |  |  | models/ videos/ AV |  |  |  |  |
|  | labor. |  |  |  |  | aids, etc.) |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| OG13.2 | Define, describe the causes, pathophysiology, diagnosis, |  | K/S | KH | Y | Lecture, | Theory/ OSCE/ |  |  |  |
|  | investigations and management of preterm labor, PROM and |  |  |  |  | Small group | Clinical assessment/ |  |  |  |
|  | postdated pregnancy |  |  |  |  | discussion, Bedside | Viva voce |  |  |  |
|  |  |  |  |  |  | clinics |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| OG13.3 | Observe/ assist in the performance of an artificial rupture of |  | S | SH | N | DOAP session, | Skill assessment |  |  |  |
|  | membranes |  |  |  |  | Bedside clinic |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG13.4 | Demonstrate the stages of normal labor in a simulated environment | | S | SH | Y | DOAP session | Skill assessment |  |  |  |
|  | / mannequin and counsel on methods of safe abortion. |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| OG13.5 | Observe and assist the conduct of a normal vaginal delivery |  | S | P | Y | DOAP session | Log book | 10 |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Topic: Abnormal Lie and Presentation; Maternal Pelvis** | | **Number of competencies: (04)** | | | | **Number of procedures that need certification : (NIL)** | | | |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG14.1 | Enumerate and discuss the diameters of maternal pelvis and types | | K | KH | Y | Lecture, Small group | Written/ Viva voce/ |  | Human Anatomy |  |
|  |  |  |  |  |  | discussion DOAP | Skill assessment |  |  |  |
|  |  |  |  |  |  | session, Bedside |  |  |  |  |
|  |  |  |  |  |  | clinic |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| OG14.2 | Discuss the mechanism of normal labor, Define and describe |  | K | KH | Y | Lecture, Small group | Written/ Viva voce/ |  |  |  |
|  | obstructed labor, its clinical features; prevention; and management | |  |  |  | discussion DOAP | Skill assessment |  |  |  |
|  |  |  |  |  |  | session, Bedside |  |  |  |  |
|  |  |  |  |  |  | clinic |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |

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| **Number** | **COMPETENCY** |  |  | **Domain** | **Level** | **Core** | **Suggested Teaching** | **Suggested** | **Number** | **Vertical** | **Horizontal** |
|  | **The student should be able to:** | |  | **K/S/A/C** | **K/KH/** | **(Y/N)** | **Learning method** | **Assessment method** | **required** | **Integration** | **Integration** |
|  |  |  |  |  | **SH/P** |  |  |  | **to certify** |  |  |
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|  |  |  |  |  |  |  |  |  |  |  |  |
| OG14.3 | Describe and discuss | rupture uterus, causes, diagnosis and |  | K | KH | Y | Lecture, Small group | Written/ Viva voce/ |  |  |  |
|  | management. |  |  |  |  |  | discussion DOAP | Skill assessment |  |  |  |
|  |  |  |  |  |  |  | session, Bedside |  |  |  |  |
|  |  |  |  |  |  |  | clinic |  |  |  |  |
|  |  | | |  |  |  |  |  |  |  |  |
| OG14.4 | Describe and discuss the classification; diagnosis; management of | | | K | KH | Y | Lecture, Small group | Written/ skill |  |  |  |
|  | abnormal labor |  |  |  |  |  | discussion, Bedside | assessment |  |  |  |
|  |  |  |  |  |  |  | clinics |  |  |  |  |
|  |  |  | |  |  |  |  |  |  |  |  |
| **Topic: Operative obstetrics** | | **Number of competencies: (02)** | | | | | **Number of procedures that require certification : (NIL)** | | | |  |
|  |  | | |  |  |  |  |  |  |  |  |
| OG15.1 | Enumerate and describe the indications and steps of common | | | S | KH | Y | Lecture, Small group | Written/ skill |  |  |  |
|  | obstetric procedures, | technique and complications: |  |  |  |  | discussion, seminars | assessment |  |  |  |
|  | Episiotomy, vacuum extraction; low forceps; Caesarean section, | | |  |  |  |  |  |  |  |  |
|  | assisted breech delivery; external cephalic version; cervical | |  |  |  |  |  |  |  |  |  |
|  | cerclage |  |  |  |  |  |  |  |  |  |  |
|  |  | | |  |  |  |  |  |  |  |  |
| OG15.2 | Observe and assist in the performance of an episiotomy and | | | S | SH | Y | DOAP session, | Skill assessment |  |  |  |
|  | demonstrate the correct suturing technique of an episiotomy in a | | |  |  |  | Bedside clinic |  |  |  |  |
|  | simulated environment. Observe/Assist in operative obstetrics cases | | |  |  |  |  |  |  |  |  |
|  | – including - CS, Forceps, vacuum extraction, and breech delivery | | |  |  |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |  |
| **Topic: Complications of the third stage** | | | **Number of competencies: (03)** | | | | **Number of procedures that require certification : (NIL)** | | | |  |
|  |  | |  |  |  |  |  |  |  |  |  |
| OG16.1 | Enumerate and discuss causes, prevention, diagnosis, | |  | K | KH | Y | Lecture, Small group | Written/ skill |  |  |  |
|  | management, appropriate use of blood and blood products in | |  |  |  |  | discussion, Bedside | assessment |  |  |  |
|  | postpartum haemorrhage | |  |  |  |  | clinics |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |  |
| OG16.2 | Describe and discuss uterine inversion – causes, prevention, | |  | K | KH | Y | Lecture, Small group | Written/ Viva voce |  |  |  |
|  | diagnosis and management. | |  |  |  |  | discussion, Bedside |  |  |  |  |
|  |  |  |  |  |  |  | clinics |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |

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| **Number** | **COMPETENCY** | | **Domain** | **Level** | **Core** | **Suggested Teaching** | **Suggested** | **Number** | **Vertical** | **Horizontal** |
|  | **The student should be able to:** | | **K/S/A/C** | **K/KH/** | **(Y/N)** | **Learning method** | **Assessment method** | **required** | **Integration** | **Integration** |
|  |  |  |  | **SH/P** |  |  |  | **to certify** |  |  |
|  |  |  |  |  |  |  |  | **P** |  |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG16.3 | Describe and discuss causes, clinical features, diagnosis, | | K/S | KH | Y | Lecture, Small group | Written/ skill |  |  |  |
|  | investigations; monitoring of fetal well-being, including ultrasound | |  |  |  | discussion, Bedside | assessment/ Viva |  |  |  |
|  | and fetal Doppler; principles of management; prevention and | |  |  |  | clinics | voce |  |  |  |
|  | counselling in intrauterine growth retardation | |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Topic: Lactation** | | **Number of competencies: (03)** | | | | **Number of procedures that require certification : (NIL)** | | | |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG17.1 | Describe and discuss the physiology of lactation | | K | KH | Y | Lecture, Small group | Written/ Viva voce |  |  |  |
|  |  |  |  |  |  | discussion |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG17.2 | Counsel in a simulated environment, care of the breast, importance | | S/A/C | SH | Y | DOAP session | Skill assessment |  |  |  |
|  | and the technique of breast feeding | |  |  |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG17.3 | Describe and discuss the clinical features, diagnosis and | | K | KH | Y | Lecture, | Written/ Viva voce |  |  |  |
|  | management of mastitis and breast abscess | |  |  |  | Small group |  |  |  |  |
|  |  |  |  |  |  | discussion |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Topic: Care of the new born** | | **Number of competencies: (04)** | | | | **Number of procedures that require certification : (NIL)** | | | |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG18.1 | Describe and discuss the assessment of maturity of the newborn, | | K | KH | Y | Lecture, Small group | Written/ Viva voce |  |  | Pediatrics |
|  | diagnosis of | birth asphyxia, principles of resuscitation, common |  |  |  | discussion |  |  |  |  |
|  | problems. |  |  |  |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG18.2 | Demonstrate the steps of neonatal resuscitation in a simulated | | S | SH | Y | DOAP session | Skill assessment |  |  | Pediatrics |
|  | environment |  |  |  |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG18.3 | Describe and discuss the diagnosis of birth asphyxia | | K | KH | Y | Lecture, Small group | Written/ Viva voce |  |  | Pediatrics |
|  |  |  |  |  |  | discussion |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG18.4 | Describe the principles of resuscitation of the newborn and | | K | KH | Y | Lecture, Small group | Written/ Viva voce |  |  | Pediatrics |
|  | enumerate the common problems encountered | |  |  |  | discussion |  |  |  |  |

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| **Number** | **COMPETENCY** |  | **Domain** | **Level** | **Core** | **Suggested Teaching** | **Suggested** | **Number** | **Vertical** | **Horizontal** |
|  | **The student should be able to:** |  | **K/S/A/C** | **K/KH/** | **(Y/N)** | **Learning method** | **Assessment method** | **required** | **Integration** | **Integration** |
|  |  |  |  | **SH/P** |  |  |  | **to certify** |  |  |
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| **Topic: Normal and abnormal puerperium.** | | **Number of competencies: (04)** | | | | **Number of procedures that require certification : (NIL)** | | | |  |
|  |  |  |  |  |  |  |  |  |  |  |
| OG19.1 | Describe and discuss the physiology of puerperium, its |  | K | KH | Y | Lecture, Small group | Written/ Viva voce |  |  |  |
|  | complications, diagnosis and management; counselling for |  |  |  |  | discussion, Bedside |  |  |  |  |
|  | contraception, puerperal sterilization |  |  |  |  | clinics |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG19.2 | Counsel in a simulated environment, contraception and puerperal | | S/A/C | SH | Y | DOAP session | Skill assessment |  | Community Medicine | |
|  | sterilisation |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| OG19.3 | Observe/ assist in the performance of tubal ligation |  | S | KH | Y | DOAP session, | Skill assessment |  |  |  |
|  |  |  |  |  |  | intraoperative |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG19.4 | Enumerate the indications for, describe the steps in and insert and | | S | SH | Y | DOAP session | Skill assessment |  |  |  |
|  | remove an intrauterine device in a simulated environment |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Topic: Medical termination of pregnancy** | | **Number of competencies: (03)** | | | | **Number of procedures that require certification : (NIL)** | | | |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG20.1 | Enumerate the indications and describe and discuss the legal | | K | KH | Y | Lecture, Small group | Written/ Viva voce |  | Forensic |  |
|  | aspects, indications, methods for first and second trimester MTP; | |  |  |  | discussion |  |  | Medicine |  |
|  | complications and management of complications of Medical |  |  |  |  |  |  |  |  |  |
|  | Termination of Pregnancy |  |  |  |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG20.2 | In a simulated environment administer informed consent to a person | | S/A/C | SH | Y | DOAP session | Skill assessment |  | Forensic |  |
|  | wishing to undergo Medical Termination of Pregnancy |  |  |  |  |  |  |  | Medicine |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG20.3 | Discuss Pre-conception and Pre Natal Diagnostic Techniques (PC& | | K | K/KH | Y | Lecture, Small group | Written/Viva voce |  | Forensic |  |
|  | PNDT) Act 1994 & its amendments |  |  |  |  | discussion |  |  | Medicine |  |

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| **Number** | **COMPETENCY** |  |  | **Domain** | **Level** | **Core** | **Suggested Teaching** | **Suggested** | **Number** | **Vertical** | **Horizontal** |
|  | **The student should be able to:** | |  | **K/S/A/C** | **K/KH/** | **(Y/N)** | **Learning method** | **Assessment method** | **required** | **Integration** | **Integration** |
|  |  |  |  |  | **SH/P** |  |  |  | **to certify** |  |  |
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| **Topic: Contraception** | |  | **Number of competencies: (02)** | | | | **Number of procedures that require certification : (NIL)** | | | |  |
|  |  | | |  |  |  |  |  |  |  |  |
| OG21.1 | Describe and discuss the temporary and permanent methods of | | | K | KH | Y | Lecture, Small group | Written/ Viva voce/ |  | Community |  |
|  | contraception, indications, technique and complications; selection of | | |  |  |  | discussion, Bedside | Skill assessment |  | medicine |  |
|  | patients, side effects and failure rate including Ocs, male | |  |  |  |  | clinics |  |  |  |  |
|  | contraception, emergency contraception and IUCD | |  |  |  |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |  |
| OG21.2 | Describe & discuss PPIUCD programme | |  | K | K/KH | Y | Lecture, Small group | Written/Viva voce |  |  |  |
|  |  |  |  |  |  |  | discussion |  |  |  |  |
|  |  |  | |  |  |  |  |  |  |  |  |
| **Topic: Vaginal discharge** | | **Number of competencies: (02)** | | | | | **Number of procedures that require certification :(NIL)** | | | |  |
|  |  | |  |  |  |  |  |  |  |  |  |
| OG22.1 | Describe the clinical characteristics of physiological vaginal | |  | K | KH | Y | Lecture | Theory |  |  |  |
|  | discharge. |  |  |  |  |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |  |
| OG22.2 | Describe and discuss the etiology (with special emphasis on | |  | K | KH | Y | Lecture, Bedside | Written/ Viva voce/ |  |  |  |
|  | Candida, T. vaginalis, bacterial vaginosis), characteristics, clinical | | |  |  |  | clinics | Skill assessment |  |  |  |
|  | diagnosis, investigations, genital hygiene, management of common | | |  |  |  |  |  |  |  |  |
|  | causes and the syndromic management | |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **Topic: Normal and abnormal puberty** | |  | **Number of competencies: (03)** | | | | **Number of procedures that require certification : (NIL)** | | | |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| OG23.1 | Describe and discuss the | physiology of puberty, features of |  | K | KH | Y | Lecture, Small group | Written/ Viva voce |  |  |  |
|  | abnormal puberty, common problems and their management | |  |  |  |  | discussion, Bedside |  |  |  |  |
|  |  |  |  |  |  |  | clinics |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |  |
| OG23.2 | Enumerate the causes of delayed puberty. Describe the | |  | K | KH | Y | Lecture, Small group | Written/ Viva voce |  |  |  |
|  | investigation and management of common causes | |  |  |  |  | discussion |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |  |
| OG23.3 | Enumerate the causes of precocious puberty | |  | K | K | N | Lecture, Small group | Written/ Viva voce |  |  |  |
|  |  |  |  |  |  |  | discussion |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |

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| **Number** | **COMPETENCY** |  | **Domain** | **Level** | **Core** | **Suggested Teaching** | **Suggested** | **Number** | **Vertical** | **Horizontal** |
|  | **The student should be able to:** |  | **K/S/A/C** | **K/KH/** | **(Y/N)** | **Learning method** | **Assessment method** | **required** | **Integration** | **Integration** |
|  |  |  |  | **SH/P** |  |  |  | **to certify** |  |  |
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|  |  |  |  |  |  |  |  |  |  |  |
| **Topic: Abnormal uterine bleeding** | | **Number of competencies: (01)** | | | | **Number of procedures that require certification: (NIL)** | | | |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG24.1 | Define, classify and discuss abnormal uterine bleeding, its | | K | KH | Y | Lecture, Small group | Written/ Viva voce |  |  |  |
|  | aetiology, clinical features, investigations, diagnosis and | |  |  |  | discussion |  |  |  |  |
|  | management |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Topic: Amenorrhea** | | **Number of competencies: (01)** | | | | **Number of procedures that require certification : (NIL)** | | | |  |
|  |  |  |  |  |  |  |  |  |  |  |
| OG25.1 | Describe and discuss the causes of primary and | secondary | K | KH | Y | Lecture, Small group | Written/ Viva voce |  |  |  |
|  | amenorrhea, its investigation and the principles of management. | |  |  |  | discussion |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Topic: Genital injuries and fistulae** | | **Number of competencies: (02)** | | | | **Number of procedures that require certification : (NIL)** | | | |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG26.1 | Describe and discuss the etiopathogenesis, clinical features; | | K/S | KH | Y | Lecture, Small group | Written/ Viva voce |  |  |  |
|  | investigation and implications on health and fertility and | |  |  |  | discussion |  |  |  |  |
|  | management of endometriosis and adenomyosis |  |  |  |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG26.2 | Describe the causes, prevention, clinical features, principles of | | K | KH | N | Lecture, Small group | Written/ Viva voce |  |  | General Surgery |
|  | management of genital injuries and fistulae |  |  |  |  | discussion |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Topic: Genital infections** | | **Number of competencies: (04)** | | | | **Number of procedures that require certification : (NIL)** | | | |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG27.1 | Describe and discuss the etiology, pathology, clinical features, | | K | KH | Y | Lecture, Small group | Written/ Viva voce |  |  |  |
|  | differential diagnosis, investigations, management and long term | |  |  |  | discussion |  |  |  |  |
|  | implications of sexually transmitted infections |  |  |  |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG27.2 | Describe and discuss the etiology, pathology, clinical features, | | K | KH | Y | Lecture, Small group | Written/ Viva voce |  |  |  |
|  | differential diagnosis, investigations, management and long term | |  |  |  | discussion |  |  |  |  |
|  | implications of genital tuberculosis |  |  |  |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG27.3 | Describe and discuss the etiology, pathology, clinical features, | | K | KH | Y | Lecture, Small group | Written/ Viva voce |  |  |  |
|  | differential diagnosis, investigations, management and long term | |  |  |  | discussion |  |  |  |  |
|  | implications of HIV |  |  |  |  |  |  |  |  |  |

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| **Number** | **COMPETENCY** |  | **Domain** | **Level** | **Core** | **Suggested Teaching** | **Suggested** | **Number** | **Vertical** | **Horizontal** |
|  | **The student should be able to:** | | **K/S/A/C** | **K/KH/** | **(Y/N)** | **Learning method** | **Assessment method** | **required** | **Integration** | **Integration** |
|  |  |  |  | **SH/P** |  |  |  | **to certify** |  |  |
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|  |  | |  |  |  |  |  |  |  |  |
| OG27.4 | Describe and discuss the etiology, pathology, clinical features, | | K | KH | Y | Lecture, Small group | Written/ Viva voce |  |  |  |
|  | differential diagnosis, investigations, management and long term | |  |  |  | discussion |  |  |  |  |
|  | implications of Pelvic Inflammatory Disease | |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Topic: Infertility** | | **Number of competencies:(04)** | | | | **Number of procedures that require certification : (NIL)** | | | |  |
|  |  |  |  |  |  |  |  |  |  |  |
| OG28.1 | Describe and discuss the | common causes, pathogenesis, clinical | K | KH | Y | Lecture, seminars, | Written/ Viva voce |  |  |  |
|  | features, differential diagnosis; investigations; principles of | |  |  |  | Bedside clinics |  |  |  |  |
|  | management of infertility – methods of tubal patency, ovulation | |  |  |  |  |  |  |  |  |
|  | induction, assisted reproductive techniques | |  |  |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG28.2 | Enumerate the assessment and restoration of tubal latency | | K | K | N | Lecture, seminars, | Written/ Viva voce |  |  |  |
|  |  |  |  |  |  | Bedside clinics |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG28.3 | Describe the principles of ovulation induction | | K | KH | Y | Lecture, seminars, | Written/ Viva voce |  |  |  |
|  |  |  |  |  |  | Bedside clinics |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG28.4 | Enumerate the various Assisted Reproduction Techniques | | K | K | N | Lecture, seminars, | Written/ Viva voce |  |  |  |
|  |  |  |  |  |  | Bedside clinics |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Topic: Uterine fibroids** | | **Number of competencies: (01)** | | | | **Number of procedures that require certification : (NIL)** | | | |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG29.1 | Describe and discuss the etiology; pathology; clinical features; | | K/A/C | KH | Y | Lecture, | Theory/ OSCE/ |  |  |  |
|  | differential diagnosis; investigations; principles of management, | |  |  |  | Bedside clinics | Clinical Assessment/ |  |  |  |
|  | complications of fibroid uterus | |  |  |  |  | Viva voce |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Topic: PCOS and hirsutism** | | **Number of competencies: (02)** | | | | **Number of procedures that require certification : (NIL)** | | | |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG30.1 | Describe and discuss the etiopathogenesis; clinical features; | | K/A/C | KH | Y | Lecture | Theory/ OSCE/ |  |  |  |
|  | differential diagnosis; investigations; management, complications of | |  |  |  |  | Clinical Assessment/ |  |  |  |
|  | PCOS |  |  |  |  |  | Viva voce |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG30.2 | Enumerate the causes and describe the investigations and | | K | KH | N |  | Theory/ OSCE/ |  |  |  |
|  | management of hyperandrogenism | |  |  |  |  | Clinical Assessment/ |  |  |  |
|  |  |  |  |  |  |  | Viva voce |  |  |  |

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| **Number** | **COMPETENCY** |  | **Domain** | **Level** | **Core** | **Suggested Teaching** | | **Suggested** | **Number** | **Vertical** | **Horizontal** |
|  | **The student should be able to:** | | **K/S/A/C** | **K/KH/** | **(Y/N)** | **Learning method** | | **Assessment method** | **required** | **Integration** | **Integration** |
|  |  |  |  | **SH/P** |  |  |  |  | **to certify** |  |  |
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| **Topic: Uterine prolapse** | | **Number of competencies: (01)** | | | |  | **Number of procedures that require certification :(NIL)** | | | |  |
|  |  | |  |  |  |  | |  |  |  |  |
| OG31.1 | Describe and discuss the etiology, classification, clinical features, | | K/S | KH | Y | Lecture, small group | | Written/ Viva voce/ |  |  |  |
|  | diagnosis, investigations, principles of management and preventive | |  |  |  | discussion, Bedside | | Skill assessment |  |  |  |
|  | aspects of prolapse of uterus | |  |  |  | clinics |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **Topic: Menopause** | | **Number of competencies: (02)** | | | |  | **Number of procedures that require certification : (NIL)** | | | | |
|  |  | |  |  |  |  | |  |  |  |  |
| OG32.1 | Describe and discuss the physiology of menopause, symptoms, | | K | KH | Y | Lecture, small group | | Written/ Viva voce/ |  |  |  |
|  | prevention, management and the role of hormone replacement | |  |  |  | discussion, Bedside | | Skill assessment |  |  |  |
|  | therapy. |  |  |  |  | clinics |  |  |  |  |  |
|  |  | |  |  |  |  | |  |  |  |  |
| OG32.2 | Enumerate the causes of postmenopausal bleeding and describe its | | K | KH | Y | Lecture, small group | | Written/ Viva voce |  |  |  |
|  | management |  |  |  |  | discussion Bedside | |  |  |  |  |
|  |  |  |  |  |  | clinics |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |  |
| **Topic: Benign, Pre-malignant (CIN) and Malignant Lesions of the Cervix Number of competencies: (04)** | | | | | | | **Number of procedures that require certification : (NIL)** | | | |  |
|  |  | |  |  |  |  | |  |  |  |  |
| OG33.1 | Classify, describe and discuss the etiology, pathology, clinical | | K/S | KH | Y | Lecture, Small group | | Written/ Viva voce/ |  |  |  |
|  | features, differential diagnosis, investigations and staging of cervical | |  |  |  | discussion, Bedside | | Skill assessment |  |  |  |
|  | cancer |  |  |  |  | clinics |  |  |  |  |  |
|  |  | |  |  |  |  | |  |  |  |  |
| OG33.2 | Describe the principles of management including surgery and | | K | KH | Y | Lecture, Small group | | Written/ Viva voce/ |  |  | General Surgery |
|  | radiotherapy of | Benign, Pre-malignant (CIN) and Malignant Lesions |  |  |  | discussion, Bedside | | Skill assessment |  |  |  |
|  | of the Cervix |  |  |  |  | clinics |  |  |  |  |  |
|  |  | |  |  |  |  | |  |  |  |  |
| OG33.3 | Describe and demonstrate the screening for cervical cancer in a | | K/S | SH | Y | DOAP session | | Skill assessment |  | Community |  |
|  | simulated environment | |  |  |  |  |  |  |  | Medicine |  |
|  |  | |  |  |  |  | |  |  |  |  |
| OG33.4 | Enumerate the methods to prevent cancer of cervix including visual | | K | K | Y | Lecture, Small group | | Viva voce/ Written |  |  |  |
|  | inspection with acetic acid (VIA), visual inspection of cervix with | |  |  |  | discussion, Bedside | |  |  |  |  |
|  | Lugol's iodine (VILI), pap smear and colposcopy | |  |  |  | clinics |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |

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| **Number** | **COMPETENCY** |  | **Domain** | **Level** | **Core** | **Suggested Teaching** | **Suggested** | **Number** | **Vertical** | **Horizontal** |
|  | **The student should be able to:** |  | **K/S/A/C** | **K/KH/** | **(Y/N)** | **Learning method** | **Assessment method** | **required** | **Integration** | **Integration** |
|  |  |  |  | **SH/P** |  |  |  | **to certify** |  |  |
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| **Topic: Benign and malignant diseases of the uterus and the ovaries** | | **Number of competencies: (04)** | | | | **Number of procedures that require certification : (NIL)** | | | |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG34.1 | Describe and discuss aetiology, pathology, staging clinical features, | | K | KH | Y | Lecture, | Viva voce/ Written/ |  |  |  |
|  | differential diagnosis, investigations, staging laparotomy | and |  |  |  | Bedside clinics | skill assessment |  |  |  |
|  | principles of management of endometrial cancer |  |  |  |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG34.2 | Describe and discuss the etiology, pathology, classification, staging | | K/S | KH | Y | Lecture | Theory/ OSCE/ clinical |  |  |  |
|  | of ovarian cancer, clinical features, differential diagnosis, |  |  |  |  |  | assessment/ |  |  |  |
|  | investigations, principal of management including staging |  |  |  |  |  | Viva voce |  |  |  |
|  | laparotomy |  |  |  |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG34.3 | Describe and discuss the etiology, pathology, classification, staging, | | K/S | KH | Y | Lecture | Theory/ OSCE/ clinical |  |  |  |
|  | clinical features, differential diagnosis, investigations and |  |  |  |  |  | assessment/ |  |  |  |
|  | management of gestational trophoblastic disease |  |  |  |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG34.4 | Operative Gynaecology : Understand and describe the technique | | K/S | SH | Y | Videos, on manikins, | Viva voce |  |  |  |
|  | and complications: Dilatation & Curettage (D&C); EA-ECC; cervical | |  |  |  | observe procedures |  |  |  |  |
|  | biopsy; abdominal hysterectomy; myomectomy; surgery for ovarian | |  |  |  | and surgeries in OR |  |  |  |  |
|  | tumours; staging laparotomy; vaginal hysterectomy including pelvic | |  |  |  |  |  |  |  |  |
|  | floor repair; Fothergill’s operation, Laparoscopy; hysteroscopy; | |  |  |  |  |  |  |  |  |
|  | management of postoperative complications |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Topic: Obstetrics & Gynecological skills - I** | | **Number of competencies: (17)** | | | | **Number of procedures that require certification : (NIL)** | | | |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG35.1 | Obtain a logical sequence of history, and perform a humane and | | K/S | SH | Y | Bedside clinics | Clinical assessment/ |  |  |  |
|  | thorough clinical examination, excluding internal examinations (per- | |  |  |  |  | Viva voce |  |  |  |
|  | rectal and per-vaginal) |  |  |  |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG35.2 | Arrive at a logical provisional diagnosis after examination. | | K/S | SH | Y | Bedside clinics | Clinical assessment/ |  |  |  |
|  |  |  |  |  |  |  | Viva voce |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG35.3 | Recognize situations, which call for urgent or early treatment at | | K/S | SH | Y | Bedside clinics | Clinical assessment/ |  |  |  |
|  | secondary and tertiary centres and make a prompt referral of such | |  |  |  |  | Viva voce |  |  |  |
|  | patients after giving first aid or emergency treatment. |  |  |  |  |  |  |  |  |  |

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| **Number** | **COMPETENCY** | **Domain** | **Level** | **Core** | **Suggested Teaching** | **Suggested** | **Number** | **Vertical** | **Horizontal** |
|  | **The student should be able to:** | **K/S/A/C** | **K/KH/** | **(Y/N)** | **Learning method** | **Assessment method** | **required** | **Integration** | **Integration** |
|  |  |  | **SH/P** |  |  |  | **to certify** |  |  |
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| OG35.4 | Demonstrate interpersonal and communication skills befitting a | A/C | SH | Y | Bedside clinics | Clinical assessment/ |  |  |  |
|  | physician in order to discuss illness and its outcome with patient |  |  |  |  | Viva voce |  |  |  |
|  | and family |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| OG35.5 | Determine gestational age, EDD and obstetric formula | K/S | SH | Y | Bedside clinics | Clinical assessment/ |  |  |  |
|  |  |  |  |  |  | Viva voce |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| OG35.6 | Demonstrate ethical behavior in all aspects of medical practice. | A/C | SH | Y | Bedside clinics | Clinical assessment/ |  |  |  |
|  |  |  |  |  |  | Viva voce |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| OG35.7 | Obtain informed consent for any examination / procedure | S | SH | Y | Bedside clinics | Clinical assessment/ |  |  |  |
|  |  |  |  |  |  | Viva voce |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| OG35.8 | Write a complete case record with all necessary details | S | SH | Y | Bedside clinics | Clinical assessment/ |  |  |  |
|  |  |  |  |  |  | Viva voce |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| OG35.9 | Write a proper discharge summary with all relevant information | S | SH | Y | Bedside clinics | Clinical assessment |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| OG35.10 | Write a proper referral note to secondary or tertiary centres or to | S | SH | Y | Bedside clinics | Clinical assessment/ |  |  |  |
|  | other physicians with all necessary details. |  |  |  |  | Viva voce |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| OG35.11 | Demonstrate the correct use of appropriate universal precautions | S | SH | Y | DOAP session | Skill assessment |  |  |  |
|  | for self-protection against HIV and hepatitis and counsel patients |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| OG35.12 | Obtain a PAP smear in a stimulated environment | S | SH | Y | DOAP session | Skill assessment |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| OG35.13 | Demonstrate the correct technique to perform artificial rupture of | S | SH | Y | DOAP session | Skill assessment |  |  |  |
|  | membranes in a simulated / supervised environment |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| OG35.14 | Demonstrate the correct technique to perform and suture | S | SH | Y | DOAP session | Skill assessment |  |  |  |
|  | episiotomies in a simulated/ supervised environment |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| OG35.15 | Demonstrate the correct technique to insert and remove an IUD in a | S | SH | Y | DOAP session | Skill assessment |  |  |  |
|  | simulated/ supervised environment |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |

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| **Number** | **COMPETENCY** |  | **Domain** | **Level** | **Core** | **Suggested Teaching** | **Suggested** | **Number** | **Vertical** | **Horizontal** |
|  | **The student should be able to:** |  | **K/S/A/C** | **K/KH/** | **(Y/N)** | **Learning method** | **Assessment method** | **required** | **Integration** | **Integration** |
|  |  |  |  | **SH/P** |  |  |  | **to certify** |  |  |
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|  |  | |  |  |  |  |  |  |  |  |
| OG35.16 | Diagnose and provide emergency management of antepartum and | | K/S | SH | Y | DOAP session | Skill assessment |  |  |  |
|  | postpartum hemorrhage in a simulated / guided environment |  |  |  |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG35.17 | Demonstrate the correct technique of urinary catheterisation in a | | S | SH | Y | DOAP session | Skill assessment |  |  |  |
|  | simulated/ supervised environment |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Topic: Obstetrics & Gynecological skills - II** | | **Number of competencies: (03)** | | | | **Number of procedures that require certification: (NIL)** | | | |  |
|  |  | |  |  |  |  |  |  |  |  |
| OG36.1 | Plan and institute a line of treatment, which is need based, cost | | K/S | SH | Y | Bedside clinics, | Clinical assessment/ |  |  |  |
|  | effective and appropriate for common conditions taking into |  |  |  |  | Small group | Viva voce |  |  |  |
|  | consideration |  |  |  |  | discussion |  |  |  |  |

1. Patient
2. Disease
3. Socio-economic status
4. Institution/ Governmental guidelines.

|  |  |  |  |  |  |  |  |
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| OG36.2 | Organise antenatal, postnatal, well-baby and family welfare clinics | | K/S | KH | Y | Bedside clinics | Clinical assessment/ |
|  |  |  |  |  |  |  | Viva voce |
|  |  | |  |  |  |  |  |
| OG36.3 | Demonstrate the correct technique of punch biopsy of uterus in a | | S | SH | Y | Bedside clinics | Clinical assessment/ |
|  | simulated/ supervised environment |  |  |  |  |  | Viva voce |
|  | |  | | | |  |  |
| **Topic: Obstetrics & Gynecological skills - III** | | **Number of competencies: (07)** | | | |  | **Number of procedures that require certification : (NIL)** |
|  |  | |  |  |  |  |  |
| OG37.1 | Observe and assist in the performance of a Caesarean section | | K/S/A/C | SH | Y | Bedside clinics, | Log book |
|  |  |  |  |  |  | Small group |  |
|  |  |  |  |  |  | discussion |  |
|  |  |  |  |  |  |  |  |
| OG37.2 | Observe and assist in the performance of Laparotomy |  | K/S/A/C | SH | Y | Bedside clinics, | Clinical assessment/ |
|  |  |  |  |  |  | Small group | Viva voce |
|  |  |  |  |  |  | discussion |  |
|  |  |  |  |  |  |  |  |
| OG37.3 | Observe and assist in the performance of Hysterectomy – |  | K/S/A/C | SH | Y | Bedside clinics, | Clinical assessment/ |
|  | abdominal/vaginal |  |  |  |  | Small group | Viva voce |
|  |  |  |  |  |  | discussion |  |

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| **Number** | **COMPETENCY** |  | **Domain** | **Level** | **Core** | **Suggested Teaching** |  | **Suggested** | **Number** | **Vertical** | **Horizontal** |
|  | **The student should be able to:** |  | **K/S/A/C** | **K/KH/** | **(Y/N)** | **Learning method** |  | **Assessment method** | **required** | **Integration** | **Integration** |
|  |  |  |  | **SH/P** |  |  |  |  | **to certify** |  |  |
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|  |  | |  |  |  |  |  |  |  |  |  |
| OG37.4 | Observe and assist in the performance of Dilatation & Curettage | | K/S/A/C | SH | Y | Bedside clinics, |  | Clinical assessment/ |  |  |  |
|  | (D&C) |  |  |  |  | Small group |  | Viva voce |  |  |  |
|  |  |  |  |  |  | discussion |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |  |
| OG37.5 | Observe and assist in the performance of Endometrial aspiration - | | K/S/A/C | SH | Y | Bedside clinics, |  | Viva voce |  |  |  |
|  | endocervical curettage (EA-ECC) |  |  |  |  | Small group |  |  |  |  |  |
|  |  |  |  |  |  | discussion |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |  |
| OG37.6 | Observe and assist in the performance of outlet forceps application | | K/S/A/C | SH | Y | Bedside clinics, |  | Log book |  |  |  |
|  | of vacuum and breech delivery |  |  |  |  | Small group |  |  |  |  |  |
|  |  |  |  |  |  | discussion |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |  |
| OG37.7 | Observe and assist in the performance of MTP in the first trimester | | K/S/A/C | SH | Y | Bedside clinics, |  | Clinical assessment/ |  |  |  |
|  | and evacuation in incomplete abortion |  |  |  |  | Small group |  | Viva voce |  |  |  |
|  |  |  |  |  |  | discussion |  |  |  |  |  |
|  |  |  |  |  |  |  |  | |  |  |  |
| **Topic: Should observe** | | **Number of competencies: (04)** | | | | **Number of procedures that require certification : (NIL)** | | | | |  |
|  |  |  |  |  |  |  | |  |  |  |  |
| OG38.1 | Laparoscopy |  | K/S/A/C | KH | Y | Bedside clinic, Small |  | Clinical assessment/ |  |  |  |
|  |  |  |  |  |  | group discussion |  | Viva voce |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| OG38.2 | Hysteroscopy |  | K/S/A/C | KH | Y | Bedside clinics, |  | Clinical assessment/ |  |  |  |
|  |  |  |  |  |  | Small group |  | Viva voce |  |  |  |
|  |  |  |  |  |  | discussion |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| OG38.3 | Lap sterilization |  | K/S/A/C | KH | Y | Bedside clinics, |  | Clinical assessment/ |  |  |  |
|  |  |  |  |  |  | Small group |  | Viva voce |  |  |  |
|  |  |  |  |  |  | discussion |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |  |
| OG38.4 | Assess the need for and issue proper medical certificates to | | K/S/A/C | KH | Y | Bedside clinics, |  | Clinical assessment/ |  |  |  |
|  | patients for various purposes |  |  |  |  | Small group |  | Viva voce |  |  |  |
|  |  |  |  |  |  | discussion |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |  |
|  | **Column C: K- Knowledge, S – Skill, A - Attitude / professionalism,** | | **C- Communication.** | | |  |  |  |  |  |  |
|  | **Column D: K – Knows, KH - Knows How, SH - Shows how, P- performs independently,** | | | | |  |  |  |  |  |  |
|  | **Column F: DOAP session – Demonstrate, Observe, Assess, Perform.** | | |  |  |  |  |  |  |  |  |
|  | **Column H: If entry is P: indicate how many procedures must be done independently for certification/ graduation** | | | | | | |  |  |  |  |

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| **Number** | **COMPETENCY** | **Domain** | **Level** | **Core** | **Suggested Teaching** | **Suggested** | **Number** | **Vertical** | **Horizontal** |
|  | **The student should be able to:** | **K/S/A/C** | **K/KH/** | **(Y/N)** | **Learning method** | **Assessment method** | **required** | **Integration** | **Integration** |
|  |  |  | **SH/P** |  |  |  | **to certify** |  |  |
|  |  |  |  |  |  |  | **P** |  |  |
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| **Integration** |  |  |  |  |  |  |  |  |  |
|  |  |  |  | | |  |  |  |  |
|  |  |  | **Human Anatomy** | | |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| AN48.8 | Mention the structures palpable during Vaginal & Rectal | K | KH | N | Lecture | Written |  | Obstetrics & |  |
|  | examination |  |  |  |  |  |  | Gynaecology, |  |
|  |  |  |  |  |  |  |  | General Surgery |  |
|  |  |  |  |  |  |  |  |  |  |
| AN49.1 | Describe & demonstrate the Superficial & Deep perineal pouch | K/S | SH | Y | Practical, Lecture, | Written/ Viva voce/ |  | Obstetrics & |  |
|  | (boundaries and contents) |  |  |  | Small group | skill assessment |  | Gynaecology |  |
|  |  |  |  |  | discussion, DOAP |  |  |  |  |
|  |  |  |  |  | session |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| AN49.2 | Describe & identify Perineal body | K/S | SH | Y | Lecture, Small group | Viva voce/ skill |  | Obstetrics & |  |
|  |  |  |  |  | discussion, DOAP | assessment |  | Gynaecology |  |
|  |  |  |  |  | session |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| AN49.5 | Explain the anatomical basis of Perineal tear, Episiotomy, Perianal | K | KH | N | Lecture | Written |  | Obstetrics & |  |
|  | abscess and Anal fissure |  |  |  |  |  |  | Gynaecology |  |
|  |  |  |  |  |  |  |  |  |  |
| AN52.8 | Describe the development of male & female reproductive system | K | KH | Y | Lecture | Written/ Viva voce |  | Obstetrics & |  |
|  |  |  |  |  |  |  |  | Gynaecology |  |
|  |  |  |  |  |  |  |  |  |  |
| AN53.1 | Identify & hold the bone in the anatomical position, Describe the | K/S | SH | Y | Lecture, DOAP | Viva voce/ skill |  | General |  |
|  | salient features, articulations & demonstrate the attachments of |  |  |  | session | assessment |  | Surgery, |  |
|  | muscle groups |  |  |  |  |  |  | Obstetrics & |  |
|  |  |  |  |  |  |  |  | Gynaecology |  |
|  |  |  |  |  |  |  |  |  |  |
| AN53.2 | Demonstrate anatomical position of bony pelvis & show boundaries | K/S | SH | Y | Lecture, DOAP | Viva voce/ skill |  | Obstetrics & |  |
|  | of pelvic inlet, pelvic cavity, pelvic outlet |  |  |  | session | assessment |  | Gynaecology |  |
|  |  |  |  |  |  |  |  |  |  |
| AN53.3 | Define true pelvis and false pelvis and demonstrate sex | K/S | SH | Y | Lecture, DOAP | Viva voce/ skill |  | Obstetrics & |  |
|  | determination in male & female bony pelvis |  |  |  | session | assessment |  | Gynaecology |  |
|  |  |  |  |  |  |  |  |  |  |
| AN64.3 | Describe various types of open neural tube defects with its | K | KH | N | Lecture | Written/ Viva voce |  | Obstetrics & |  |
|  | embryological basis |  |  |  |  |  |  | Gynaecology, |  |
|  |  |  |  |  |  |  |  | Pediatrics |  |

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| **Number** | **COMPETENCY** | **Domain** | **Level** | **Core** | **Suggested Teaching** | **Suggested** | **Number** | **Vertical** | **Horizontal** |
|  | **The student should be able to:** | **K/S/A/C** | **K/KH/** | **(Y/N)** | **Learning method** | **Assessment method** | **required** | **Integration** | **Integration** |
|  |  |  | **SH/P** |  |  |  | **to certify** |  |  |
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| AN75.5 | Describe the principles of genetic counselling | K | KH | Y | Lecture | Written |  | Pediatrics, |  |
|  |  |  |  |  |  |  |  | Obstetrics & |  |
|  |  |  |  |  |  |  |  | Gynaecology |  |
|  |  |  |  |  |  |  |  |  |  |
| AN77.1 | Describe the uterine changes occurring during the menstrual cycle | K | KH | Y | Lecture | Written |  | Obstetrics & |  |
|  |  |  |  |  |  |  |  | Gynaecology |  |
|  |  |  |  |  |  |  |  |  |  |
| AN77.2 | Describe the synchrony between the ovarian and menstrual cycles | K | KH | Y | Lecture | Written |  | Obstetrics & |  |
|  |  |  |  |  |  |  |  | Gynaecology |  |
|  |  |  |  |  |  |  |  |  |  |
| AN77.3 | Describe spermatogenesis and oogenesis along with diagrams | K | KH | Y | Lecture | Written |  | Obstetrics & |  |
|  |  |  |  |  |  |  |  | Gynaecology |  |
|  |  |  |  |  |  |  |  |  |  |
| AN77.4 | Describe stages and consequences of fertilisation | K | KH | Y | Lecture | Written |  | Obstetrics & |  |
|  |  |  |  |  |  |  |  | Gynaecology |  |
|  |  |  |  |  |  |  |  |  |  |
| AN77.5 | Enumerate and describe the anatomical principles underlying | K | KH | Y | Lecture | Written |  | Obstetrics & |  |
|  | contraception |  |  |  |  |  |  | Gynaecology |  |
|  |  |  |  |  |  |  |  |  |  |
| AN77.6 | Describe teratogenic influences; fertility and sterility, surrogate | K | KH | N | Lecture | Written |  | Obstetrics & |  |
|  | motherhood, social significance of “sex-ratio”. |  |  |  |  |  |  | Gynaecology |  |
|  |  |  |  |  |  |  |  |  |  |
| AN78.3 | Describe the process of implantation & common abnormal sites of | K | KH | Y | Lecture | Written |  | Obstetrics & |  |
|  | implantation |  |  |  |  |  |  | Gynaecology |  |
|  |  |  |  |  |  |  |  |  |  |
| AN78.5 | Describe in brief abortion: decidual reaction, pregnancy test | K | KH | Y | Lecture | Written |  | Obstetrics & |  |
|  |  |  |  |  |  |  |  | Gynaecology |  |
|  |  |  |  |  |  |  |  |  |  |
| AN79.4 | Describe the development of somites and intra-embryonic coelom | K | KH | Y | Lecture | Written |  | Obstetrics & |  |
|  |  |  |  |  |  |  |  | Gynaecology |  |
|  |  |  |  |  |  |  |  |  |  |
| AN79.5 | Explain embryological basis of congenital malformations, nucleus | K | KH | N | Lecture | Written |  | Obstetrics & |  |
|  | pulposus, sacrococcygeal teratomas, neural tube defects |  |  |  |  |  |  | Gynaecology |  |
|  |  |  |  |  |  |  |  |  |  |
| AN79.6 | Describe the diagnosis of pregnancy in first trimester and role of | K | KH | N | Lecture | Written |  | Obstetrics & |  |
|  | teratogens, alpha-fetoprotein |  |  |  |  |  |  | Gynaecology |  |
|  |  |  |  |  |  |  |  |  |  |

**120**

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| **Number** | **COMPETENCY** | **Domain** | **Level** | **Core** | **Suggested Teaching** | **Suggested** | **Number** | **Vertical** | **Horizontal** |
|  | **The student should be able to:** | **K/S/A/C** | **K/KH/** | **(Y/N)** | **Learning method** | **Assessment method** | **required** | **Integration** | **Integration** |
|  |  |  | **SH/P** |  |  |  | **to certify** |  |  |
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| AN80.3 | Describe formation of placenta, its physiological functions, | K | KH | Y | Lecture | Written |  | Obstetrics & |  |
|  | foetomaternal circulation & placental barrier |  |  |  |  |  |  | Gynaecology |  |
|  |  |  |  |  |  |  |  |  |  |
| AN80.4 | Describe embryological basis of twinning in monozygotic & | K | KH | Y | Lecture | Written |  | Obstetrics & |  |
|  | dizygotic twins |  |  |  |  |  |  | Gynaecology |  |
|  |  |  |  |  |  |  |  |  |  |
| AN80.5 | Describe role of placental hormones in uterine growth & parturition | K | KH | Y | Lecture | Written |  | Obstetrics & |  |
|  |  |  |  |  |  |  |  | Gynaecology |  |
|  |  |  |  |  |  |  |  |  |  |
| AN80.6 | Explain embryological basis of estimation of fetal age. | K | KH | N | Lecture | Written |  | Obstetrics & |  |
|  |  |  |  |  |  |  |  | Gynaecology |  |
|  |  |  |  |  |  |  |  |  |  |
| AN80.7 | Describe various types of umbilical cord attachments | K | KH | N | Lecture | Written |  | Obstetrics & |  |
|  |  |  |  |  |  |  |  | Gynaecology |  |
|  |  |  |  |  |  |  |  |  |  |
| AN81.1 | Describe various methods of prenatal diagnosis | K | KH | Y | Lecture | Written |  | Obstetrics & |  |
|  |  |  |  |  |  |  |  | Gynaecology |  |
|  |  |  |  |  |  |  |  |  |  |
| AN81.2 | Describe indications, process and disadvantages of amniocentesis | K | KH | Y | Lecture | Written |  | Obstetrics & |  |
|  |  |  |  |  |  |  |  | Gynaecology |  |
|  |  |  |  |  |  |  |  |  |  |
| AN81.3 | Describe indications, process and disadvantages of chorion villus | K | KH | Y | Lecture | Written |  | Obstetrics & |  |
|  | biopsy |  |  |  |  |  |  | Gynaecology |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  | **Physiology** | |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| PY9.6 | Enumerate the contraceptive methods for male and female. Discuss | K | KH | Y | Lecture, Small group | Written/ Viva voce |  | Obstetrics & |  |
|  | their advantages & disadvantages |  |  |  | discussion |  |  | Gynaecology, |  |
|  |  |  |  |  |  |  |  | Community |  |
|  |  |  |  |  |  |  |  | Medicine |  |
|  |  |  |  |  |  |  |  |  |  |
| PY9.8 | Describe and discuss the physiology of pregnancy, parturition & | K | KH | Y | Lecture, Small group | Written/ Viva voce |  | Obstetrics & |  |
|  | lactation and outline the psychology and psychiatry-disorders |  |  |  | discussion |  |  | Gynaecology |  |
|  | associated with it. |  |  |  |  |  |  |  |  |
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| **Number** | **COMPETENCY** | **Domain** | **Level** | **Core** | **Suggested Teaching** | **Suggested** | **Number** | **Vertical** | **Horizontal** |
|  | **The student should be able to:** | **K/S/A/C** | **K/KH/** | **(Y/N)** | **Learning method** | **Assessment method** | **required** | **Integration** | **Integration** |
|  |  |  | **SH/P** |  |  |  | **to certify** |  |  |
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| PY9.10 | Discuss the physiological basis of various pregnancy tests | K | KH | Y | Lecture, Small group | Written/ Viva voce |  | Obstetrics & |  |
|  |  |  |  |  | discussion |  |  | Gynaecology |  |
|  |  |  |  |  |  |  |  |  |  |
| PY9.11 | Discuss the hormonal changes and their effects during | K | KH | Y | Lecture, Small group | Written/ Viva voce |  | Obstetrics & |  |
|  | perimenopause and menopause |  |  |  | discussion |  |  | Gynaecology |  |
|  |  |  |  |  |  |  |  |  |  |
| PY9.12 | Discuss the common causes of infertility in a couple and role of IVF | K | KH | N | Lecture, Small group | Written/ Viva voce |  | Obstetrics & |  |
|  | in managing a case of infertility. |  |  |  | discussion |  |  | Gynaecology |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  | **Biochemistry** | | |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| BI10.1 | Describe cancer initiation, promotion, oncogenes & oncogene | K | KH | Y | Lecture, Small group | Written/ Viva voce |  | Obstetrics & |  |
|  | activation. |  |  |  | discussion |  |  | Gynaecology, |  |
|  |  |  |  |  |  |  |  | General |  |
|  |  |  |  |  |  |  |  | Surgery, |  |
|  |  |  |  |  |  |  |  | Pathology |  |
|  |  |  |  |  |  |  |  |  |  |
| BI10.2 | Describe various biochemical tumor markers and the biochemical | K | KH | Y | Lecture, Small group | Written/ Viva voce |  | Obstetrics & |  |
|  | basis of cancer therapy. |  |  |  | discussion |  |  | Gynaecology, |  |
|  |  |  |  |  |  |  |  | General |  |
|  |  |  |  |  |  |  |  | Surgery, |  |
|  |  |  |  |  |  |  |  | Pathology |  |
|  |  |  |  |  |  |  |  |  |  |
| BI10.3 | Describe the cellular and humoral components of the immune | K | KH | Y | Lecture, Small group | Written/ Viva voce |  | Obstetrics & |  |
|  | system & describe the types and structure of antibody |  |  |  | discussion |  |  | Gynaecology, |  |
|  |  |  |  |  |  |  |  | General |  |
|  |  |  |  |  |  |  |  | Surgery, |  |
|  |  |  |  |  |  |  |  | Pathology |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  | **Pathology** | |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| PA22.2 | Enumerate the indications describe the principles enumerate and | S | SH | Y | Lecture, Small group | Written/ Viva voce |  | Obstetrics & |  |
|  | demonstrate the steps of compatibility testing |  |  |  | discussion |  |  | Gynaecology |  |
|  |  |  |  |  |  |  |  |  |  |
| PA30.1 | Describe the epidemiology, pathogenesis, etiology, pathology, | K | KH | Y | Lecture, Small group | Written/ Viva voce |  | Obstetrics & |  |
|  | screening, diagnosis and progression of carcinoma of the cervix |  |  |  | discussion |  |  | Gynaecology |  |

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| **Number** | **COMPETENCY** | **Domain** | **Level** | **Core** | **Suggested Teaching** | **Suggested** | **Number** | **Vertical** | **Horizontal** |
|  | **The student should be able to:** | **K/S/A/C** | **K/KH/** | **(Y/N)** | **Learning method** | **Assessment method** | **required** | **Integration** | **Integration** |
|  |  |  | **SH/P** |  |  |  | **to certify** |  |  |
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|  |  |  |  |  |  |  |  |  |  |
| PA30.2 | Describe the pathogenesis, etiology, pathology, diagnosis and | K | KH | Y | Lecture, Small group | Written/ Viva voce |  | Obstetrics & |  |
|  | progression and spread of carcinoma of the endometrium |  |  |  | discussion |  |  | Gynaecology |  |
|  |  |  |  |  |  |  |  |  |  |
| PA30.3 | Describe the pathogenesis, etiology, pathology, diagnosis and | K | KH | Y | Lecture, Small group | Written/ Viva voce |  | Obstetrics & |  |
|  | progression and spread of carcinoma of the leiomyomas and |  |  |  | discussion |  |  | Gynaecology |  |
|  | leiomyosarcomas |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| PA30.4 | Classify and describe the etiology, pathogenesis, pathology, | K | KH | Y | Lecture, Small group | Written/ Viva voce |  | Obstetrics & |  |
|  | morphology, clinical course, spread and complications of ovarian |  |  |  | discussion |  |  | Gynaecology |  |
|  | tumors |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| PA30.5 | Describe the etiology, pathogenesis, pathology, morphology, clinical | K | KH | Y | Lecture, Small group | Written/ Viva voce |  | Obstetrics & |  |
|  | course, spread and complications of gestational trophoblastic |  |  |  | discussion |  |  | Gynaecology |  |
|  | neoplasms |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| PA30.6 | Describe the etiology and morphologic features of cervicitis | K | KH | N | Lecture, Small group | Written/ Viva voce |  | Obstetrics & |  |
|  |  |  |  |  | discussion |  |  | Gynaecology |  |
|  |  |  |  |  |  |  |  |  |  |
| PA30.7 | Describe the etiology, hormonal dependence, features and | K | KH | N | Lecture, Small group | Written/ Viva voce |  | Obstetrics & |  |
|  | morphology of endometriosis |  |  |  | discussion |  |  | Gynaecology |  |
|  |  |  |  |  |  |  |  |  |  |
| PA30.8 | Describe the etiology and morphologic features of adenomyosis | K | KH | N | Lecture, Small group | Written/ Viva voce |  | Obstetrics & |  |
|  |  |  |  |  | discussion |  |  | Gynaecology |  |
|  |  |  |  |  |  |  |  |  |  |
| PA30.9 | Describe the etiology, hormonal dependence and morphology of | K | KH | N | Lecture, Small group | Written/ Viva voce |  | Obstetrics & |  |
|  | endometrial hyperplasia |  |  |  | discussion |  |  | Gynaecology |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  | **Pharmacology** | | |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| PH1.39 | Describe mechanism of action, types, doses, side effects, | K | KH | Y | Lecture | Written/ Viva voce |  | **Obstetrics &** |  |
|  | indications and contraindications of the drugs used for contraception |  |  |  |  |  |  | **Gynaecology** |  |
|  |  |  |  |  |  |  |  |  |  |
| PH1.40 | Describe mechanism of action, types, doses, side effects, | K | KH | Y | Lecture | Written/ Viva voce |  | Obstetrics & |  |
|  | indications and contraindications of 1. Drugs used in the treatment |  |  |  |  |  |  | Gynaecology |  |
|  | of infertility, and 2. Drugs used in erectile dysfunction |  |  |  |  |  |  |  |  |
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**123**

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| **Number** | **COMPETENCY** | **Domain** |  | **Level** | **Core** | **Suggested Teaching** | **Suggested** | **Number** | **Vertical** | **Horizontal** |
|  | **The student should be able to:** | **K/S/A/C** |  | **K/KH/** | **(Y/N)** | **Learning method** | **Assessment method** | **required** | **Integration** | **Integration** |
|  |  |  |  | **SH/P** |  |  |  | **to certify** |  |  |
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| PH1.41 | Describe the mechanisms of action, types, doses, side effects, | K |  | KH | Y | Lecture | Written/ Viva voce |  | Obstetrics & |  |
|  | indications and contraindications of uterine relaxants and stimulants |  |  |  |  |  |  |  | Gynaecology |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | **Community Medicine** | | | |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| CM9.2 | Define, calculate and interpret demographic indices including birth | S |  | SH | Y | Lecture, Small group | Skill assessment |  | Obstetrics & |  |
|  | rate, death rate, fertility rates |  |  |  |  | discussion, DOAP |  |  | Gynaecology, |  |
|  |  |  |  |  |  | sessions |  |  | Pediatrics |  |
|  |  |  |  |  |  |  |  |  |  |  |
| CM9.5 | Describe the methods of population control | K |  | KH | Y | Small group | Written/ Viva voce |  | Obstetrics & |  |
|  |  |  |  |  |  | discussion, Lecture |  |  | Gynaecology |  |
|  |  |  |  |  |  |  |  |  |  |  |
| CM10.1 | Describe the current status of Reproductive, maternal, newborn and | K |  | KH | Y | Small group | Written/ Viva voce |  | Obstetrics & |  |
|  | Child Health |  |  |  |  | discussion, Lecture |  |  | Gynaecology, |  |
|  |  |  |  |  |  |  |  |  | Pediatrics |  |
|  |  |  |  |  |  |  |  |  |  |  |
| CM10.2 | Enumerate and describe the methods of screening high risk groups | K |  | KH | Y | Small group | Written/ Viva voce |  | Obstetrics & |  |
|  | and common health problems |  |  |  |  | discussion, Lecture |  |  | Gynaecology, |  |
|  |  |  |  |  |  |  |  |  | Pediatrics |  |
|  |  |  |  |  |  |  |  |  |  |  |
| CM10.3 | Describe local customs and practices during pregnancy, childbirth, | K |  | KH | Y | Small group | Written/ Viva voce |  | Obstetrics & |  |
|  | lactation and child feeding practices |  |  |  |  | discussion, Lecture |  |  | Gynaecology, |  |
|  |  |  |  |  |  |  |  |  | Pediatrics |  |
|  |  |  |  |  |  |  |  |  |  |  |
| CM10.4 | Describe the reproductive, maternal, newborn & child health | K |  | KH | Y | Small group | Written / Viva voce |  | Obstetrics & |  |
|  | (RMCH); child survival and safe motherhood interventions |  |  |  |  | discussion, Lecture |  |  | Gynaecology, |  |
|  |  |  |  |  |  |  |  |  | Pediatrics |  |
|  |  |  | |  |  |  |  |  |  |  |
|  |  | **Forensic Medicine & Toxicology** | | | | |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| FM3.13 | Describe different types of sexual offences. Describe various | K |  | K/KH | Y | Lecture, Small group | Written/ Viva voce |  | Obstetrics & |  |
|  | sections of IPC regarding rape including definition of rape (Section |  |  |  |  | discussion |  |  | Gynaecology |  |
|  | 375 IPC), Punishment for Rape (Section 376 IPC) and recent |  |  |  |  |  |  |  |  |  |
|  | amendments notified till date. |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |

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| **Number** | **COMPETENCY** | **Domain** | **Level** | **Core** | **Suggested Teaching** | **Suggested** | **Number** | **Vertical** | **Horizontal** |
|  | **The student should be able to:** | **K/S/A/C** | **K/KH/** | **(Y/N)** | **Learning method** | **Assessment method** | **required** | **Integration** | **Integration** |
|  |  |  | **SH/P** |  |  |  | **to certify** |  |  |
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| FM3.14 | SEXUAL OFFENCES | K | K/KH | Y | Lecture, Small group | Written/ Viva voce/ |  | Obstetrics & |  |
|  | Describe and discuss the examination of the victim of an alleged |  |  |  | discussion, Bed side | OSCE |  | Gynaecology, |  |
|  | case of rape, and the preparation of report, framing the opinion and |  |  |  | clinic, DOAP session |  |  | Psychiatry |  |
|  | preservation and despatch of trace evidences in such cases. |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| FM3.15 | SEXUAL OFFENCES | K | K/KH | Y | Lecture, Small group | Written/ Viva voce/ |  | Obstetrics & |  |
|  | Describe and discuss examination of accused and victim of sodomy, |  |  |  | discussion, Bed side | OSCE |  | Gynaecology, |  |
|  | preparation of report, framing of opinion, preservation and despatch |  |  |  | clinic, DOAP session |  |  | Psychiatry |  |
|  | of trace evidences in such cases |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| FM3.16 | SEXUAL OFFENCES | K | K/KH | Y | Lecture, Small group | Written/ Viva voce |  | Obstetrics & |  |
|  | Describe and discuss adultery and unnatural sexual offences - |  |  |  | discussion |  |  | Gynaecology |  |
|  | sodomy, incest, lesbianism, buccal coitus, bestiality, indecent |  |  |  |  |  |  |  |  |
|  | assault and preparation of report, framing the opinion and |  |  |  |  |  |  |  |  |
|  | preservation and despatch of trace evidences in such cases. |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| FM3.17 | Describe and discuss the sexual perversions fetishism, | K | K/KH | Y | Lecture, Small group | Written/ Viva voce |  | Obstetrics & |  |
|  | transvestism, voyeurism, sadism, necrophagia, masochism, |  |  |  | discussion |  |  | Gynaecology, |  |
|  | exhibitionism, frotteurism, Necrophilia. |  |  |  |  |  |  | Psychiatry |  |
|  |  |  |  |  |  |  |  |  |  |
| FM3.18 | Describe anatomy of male and female genitalia, hymen and its | K | K/KH | Y | Lecture, Small group | Written/ Viva voce |  | Obstetrics & |  |
|  | types. Discuss the medico-legal importance of hymen. Define |  |  |  | discussion |  |  | Gynaecology |  |
|  | virginity, defloration, legitimacy and its medicolegal importance. |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| FM3.19 | Discuss the medicolegal aspects of pregnancy and delivery, signs | K | K/KH | Y | Lecture, Small group | Written/ Viva voce |  | Obstetrics & |  |
|  | of pregnancy, precipitate labour superfoetation, superfecundation |  |  |  | discussion |  |  | Gynaecology |  |
|  | and signs of recent and remote delivery in living and dead |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| FM3.20 | Discuss disputed paternity and maternity | K | K/KH | Y | Lecture, Small group | Written/ Viva voce |  | Obstetrics & |  |
|  |  |  |  |  | discussion |  |  | Gynaecology |  |
|  |  |  |  |  |  |  |  |  |  |
| FM3.21 | Discuss Pre-conception and Pre Natal Diagnostic Techniques | K | K/KH | Y | Lecture, Small group | Written/ Viva voce |  | Obstetrics & |  |
|  | (PCPNDT)- Prohibition of Sex Selection Act 2003 and Domestic |  |  |  | discussion |  |  | Gynaecology, |  |
|  | Violence Act 2005 |  |  |  |  |  |  | AETCOM |  |

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| **Number** | **COMPETENCY** | **Domain** | **Level** | **Core** | **Suggested Teaching** | **Suggested** | **Number** | **Vertical** | **Horizontal** |
|  | **The student should be able to:** | **K/S/A/C** | **K/KH/** | **(Y/N)** | **Learning method** | **Assessment method** | **required** | **Integration** | **Integration** |
|  |  |  | **SH/P** |  |  |  | **to certify** |  |  |
|  |  |  |  |  |  |  | **P** |  |  |
|  |  |  |  |  |  |  |  |  |  |
| FM3.22 | Define and discuss impotence, sterility, frigidity, sexual dysfunction, | K | K/KH | Y | Lecture, Small group | Written/ Viva voce |  | Obstetrics & |  |
|  | premature ejaculation. Discuss the causes of impotence and sterility |  |  |  | discussion |  |  | Gynaecology, |  |
|  | in male and female |  |  |  |  |  |  | General |  |
|  |  |  |  |  |  |  |  | Medicine |  |
|  |  |  |  |  |  |  |  |  |  |
| FM3.23 | Discuss Sterilization of male and female, artificial insemination, | K | K/KH | Y | Lecture, Small group | Written/ Viva voce |  | Obstetrics & |  |
|  | Test Tube Baby, surrogate mother, hormonal replacement therapy |  |  |  | discussion |  |  | Gynaecology |  |
|  | with respect to appropriate national and state laws |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| FM3.24 | Discuss the relative importance of surgical methods of contraception | K | K/KH | N | Lecture, Small group | Written |  | Obstetrics & |  |
|  | (vasectomy and tubectomy) as methods of contraception in the |  |  |  | discussion |  |  | Gynaecology |  |
|  | national family Planning Programme |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| FM3.25 | Discuss the major results of the National Family Health Survey | K | K/KH | N | Lecture | Written |  | Obstetrics & |  |
|  |  |  |  |  |  |  |  | Gynaecology |  |
|  |  |  |  |  |  |  |  |  |  |
| FM3.26 | Discuss the National Guidelines for accreditation, supervision & | K | K/KH | Y | Lecture, Small group | Written |  | Obstetrics & |  |
|  | regulation of ART Clinics in India |  |  |  | discussion |  |  | Gynaecology |  |
|  |  |  |  |  |  |  |  |  |  |
| FM3.27 | Define, classify and discuss abortion, methods of procuring MTP | K | K/KH | Y | Lecture, Small group | Written/Viva voce |  | Obstetrics & |  |
|  | and criminal abortion and complication of abortion: MTP Act 1971 |  |  |  | discussion |  |  | Gynaecology, |  |
|  |  |  |  |  |  |  |  | AETCOM |  |
|  |  |  |  |  |  |  |  |  |  |
| FM3.28 | Describe evidences of abortion - living and dead, duties of doctor in | K | K/KH | Y | Lecture, Small group | Written/Viva voce |  | Obstetrics & |  |
|  | cases of abortion, investigations of death due to criminal abortion |  |  |  | discussion |  |  | Gynaecology, |  |
|  |  |  |  |  |  |  |  | AETCOM |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  | **Dermatology & Venereology** | | | |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| DR10.11 | Describe the etiology, diagnostic and clinical features and | K | KH | Y | Lecture, Small group | Written / Viva voce |  | Obstetrics & |  |
|  | management of vaginal discharge |  |  |  | discussion |  |  | Gynaecology |  |

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| **Number** | **COMPETENCY** | **Domain** | **Level** | **Core** | **Suggested Teaching** | **Suggested** | **Number** | **Vertical** | **Horizontal** |
|  | **The student should be able to:** | **K/S/A/C** | **K/KH/** | **(Y/N)** | **Learning method** | **Assessment method** | **required** | **Integration** | **Integration** |
|  |  |  | **SH/P** |  |  |  | **to certify** |  |  |
|  |  |  |  |  |  |  | **P** |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  | **General** | **Medicine** | |  |  |  |  |
|  |  |  |  |  |  | |  |  | |
| IM26.43 | Identify, discuss and defend medicolegal, sociocultural, economic | K | KH | N | Small group discussion | Written/ Viva voce |  | Obstetrics & Gynaecology | |
|  | and ethical issues as they pertain to in vitro fertilisation donor |  |  |  |  |  |  |  |  |
|  | insemination and surrogate motherhood |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  | **Radiodiagnosis** | | |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| RD1.13 | Describe the components of the PC & PNDT Act and its | K | KH | Y | Lecture, Small group |  |  | Obstetrics & |  |
|  | medicolegal implications |  |  |  | discussion |  |  | Gynaecology, |  |
|  |  |  |  |  |  |  |  | Forensic |  |
|  |  |  |  |  |  |  |  | Medicine |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  | **Pediatrics** | |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| PE7.1 | Awareness on the cultural beliefs and practices of breast feeding | K | K | N | Lecture, Small group | Viva voce |  |  | Obstetrics & |
|  |  |  |  |  | discussion |  |  |  | Gynaecology |
|  |  |  |  |  |  |  |  |  |  |
| PE7.7 | Perform breast examination and identify common problems during | S | SH | Y | Bed side clinics | Skill Assessment |  |  | Obstetrics & |
|  | lactation such as retracted nipples, cracked nipples, breast |  |  |  | Skill Lab |  |  |  | Gynaecology |
|  | engorgement, breast abscess |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| PE7.8 | Educate mothers on ante natal breast care and prepare mothers for | A/C | SH | Y | DOAP session | Document in Log |  |  | Obstetrics & |
|  | lactation |  |  |  |  | Book |  |  | Gynaecology, |
|  |  |  |  |  |  |  |  |  | AETCOM |
|  |  |  |  |  |  |  |  |  |  |
| PE7.9 | Educate and counsel mothers for best practices in breast feeding | A/C | SH | Y | DOAP session | Document in Log |  |  | Obstetrics & |
|  |  |  |  |  |  | Book |  |  | Gynaecology, |
|  |  |  |  |  |  |  |  |  | AETCOM |
|  |  |  |  |  |  |  |  |  |  |
| PE18.1 | List and explain the components, plans , outcomes of | K | KH | Y | Lecture, Small group | Written/ Viva voce |  | Community | Obstetrics & |
|  | Reproductive Child Health (RCH) program and appraise the |  |  |  | discussion |  |  | Medicine | Gynaecology |
|  | monitoring and evaluation |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| PE18.2 | Explain preventive interventions for Child survival and safe | K | KH | Y | Lecture, Small group | Written/ Viva voce |  | Community | Obstetrics & |
|  | motherhood |  |  |  | discussion |  |  | Medicine | Gynaecology |

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|  | **The student should be able to:** | **K/S/A/C** | **K/KH/** | **(Y/N)** | **Learning method** | **Assessment method** | **required** | **Integration** | **Integration** |
|  |  |  | **SH/P** |  |  |  | **to certify** |  |  |
|  |  |  |  |  |  |  | **P** |  |  |
|  |  |  |  |  |  |  |  |  |  |
| PE18.3 | Conduct Antenatal examination of women independently and apply | S | SH | Y | Bed side clinics | Skill station |  | Community | Obstetrics & |
|  | at-risk approach in antenatal care |  |  |  |  |  |  | Medicine | Gynaecology |
|  |  |  |  |  |  |  |  |  |  |
| PE18.4 | Provide intra-natal care and conduct a normal Delivery in a | S | SH | Y | DOAP session, Skills | Document in Log |  | Community | Obstetrics & |
|  | simulated environment |  |  |  | lab | Book |  | Medicine | Gynaecology |
|  |  |  |  |  |  |  |  |  |  |
| PE18.5 | Provide intra-natal care and observe the conduct of a normal | S | SH | Y | DOAP session | Document in Log |  |  | Obstetrics & |
|  | delivery |  |  |  |  | Book |  |  | Gynaecology |
|  |  |  |  |  |  |  |  |  |  |
| PE18.6 | Perform Postnatal assessment of newborn and mother, provide | S | SH | Y | Bed side clinics, Skill | Skill Assessment |  | Community | Obstetrics & |
|  | advice on breast feeding, weaning and on family planning |  |  |  | Lab |  |  | Medicine | Gynaecology |
|  |  |  |  |  |  |  |  |  |  |
| PE18.8 | Observe the implementation of the program by visiting the Rural | S | KH | Y | Bed side clinics, Skill | Document in log book |  | Community | Obstetrics & |
|  | Health Centre |  |  |  | Lab |  |  | Medicine | Gynaecology |
|  |  |  |  |  |  |  |  |  |  |
| PE20.6 | Explain the follow up care for neonates including Breast feeding, | S | SH | Y | DOAP session | Log book entry |  |  | Obstetrics & |
|  | temperature maintenance, immunization, importance of growth |  |  |  |  |  |  |  | Gynaecology |
|  | monitoring and red flags |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| PE32.6 | Discuss the genetic basis, risk factors, clinical features, | K | KH | N | Lecture, Small group | Written/ Viva voce |  |  | General Medicine, |
|  | complications, prenatal diagnosis, management and genetic |  |  |  | discussion |  |  |  | Obstetrics & |
|  | counselling in Turner’s Syndrome |  |  |  |  |  |  |  | Gynaecology |
|  |  |  |  |  |  |  |  |  |  |
| PE32.8 | Interpret normal Karyotype and recognize the Turner Karyotype | S | SH | N | Bed Side clinics, Skill | Log book |  |  | General Medicine, |
|  |  |  |  |  | lab |  |  |  | Obstetrics & |
|  |  |  |  |  |  |  |  |  | Gynaecology |
|  |  |  |  |  |  |  |  |  |  |
| PE32.9 | Discuss the referral criteria and multidisciplinary approach to | K | KH | N | Lecture, Small group | Written/ Viva voce |  |  | General Medicine, |
|  | management of Turner Syndrome |  |  |  | discussion |  |  |  | Obstetrics & |
|  |  |  |  |  |  |  |  |  | Gynaecology |
|  |  |  |  |  |  |  |  |  |  |

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| **Number** | **COMPETENCY** | **Domain** | **Level** | **Core** | **Suggested Teaching** | **Suggested** | **Number** | **Vertical** | **Horizontal** |
|  | **The student should be able to:** | **K/S/A/C** | **K/KH/** | **(Y/N)** | **Learning method** | **Assessment method** | **required** | **Integration** | **Integration** |
|  |  |  | **SH/P** |  |  |  | **to certify** |  |  |
|  |  |  |  |  |  |  | **P** |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  | **Radiotherapy** | | |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| RT4.5 | Describe and discuss role of radiation in management of common | K | KH | Y | Lecture, Bed side | Written/ Viva voce |  | Pathology | General Surgery, |
|  | malignancies in India (region specific) |  |  |  | clinic |  |  |  | Obstetrics & |
|  |  |  |  |  |  |  |  |  | Gynaecology |
|  |  |  |  |  |  |  |  |  |  |
| RT4.6 | Describe and discuss radiotherapy for benign disease | K | KH | Y | Lecture | Written/ Viva voce |  | Pathology | General Surgery, |
|  |  |  |  |  |  |  |  |  | Obstetrics & |
|  |  |  |  |  |  |  |  |  | Gynaecology |
|  |  |  |  |  |  |  |  |  |  |
| RT4.7 | Counsel patients regarding acute and late effects of radiation and | K/A/S | KH | Y | Bed side clinic, group | Written/ Viva voce |  | Pathology | General Surgery, |
|  | supportive care |  |  |  | discussion |  |  |  | Obstetrics & |
|  |  |  |  |  |  |  |  |  | Gynaecology |
|  |  |  |  |  |  |  |  |  |  |
| RT4.8 | Describe oncological emergencies and palliative care | K/A/S | K/KH | Y | Lecture and group | Written/ Viva voce |  |  | General Surgery, |
|  |  |  |  |  | discussion |  |  |  | Obstetrics & |
|  |  |  |  |  |  |  |  |  | Gynaecology |
|  |  |  |  |  |  |  |  |  |  |
| RT5.1 | Describe and discuss cancer prevention, screening, vaccination, | K | K | Y | Group discussion | Written/ Viva voce |  | Pathology | General Surgery, |
|  | cancer registry |  |  |  |  |  |  |  | Obstetrics & |
|  |  |  |  |  |  |  |  |  | Gynaecology |
|  |  |  |  |  |  |  |  |  |  |

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