Student Section-II

BHAKTKAVI NARSINH MEHTA UNIVERSITY

OBSTETRICS & GYNECOLOGY

EXAM SYLLABUS

GMERS MC. JUNAGADH
Inward No: 5352
Date: 04/09/21

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SYLLABUS

- Anatomy of Female genital organs
- Physiology of conception.
- Congenital anomalies of Female genital organs, its clinical application and obstetrics Importance
- Diagnosis of pregnancy during 1st, 2nd and 3rd trimester
- Antenatal care
- Hyperemesis gravidarum
- Hemorrhage during 1st trimester
- Abortions
- Hydatidiform mole
- Ectopic pregnancy
- Recurrent pregnancy loss
- Diseases during pregnancy : Anemia Toxaemia
- Abnormal Presentations, Positions and lie of fetus,
  - Occipito posterior
  - Breech
  - Face
  - Brow
  - Transverse
  - Compound
  - Cord

- Multiple Pregnancy
- Contracted pelvis
- Hydramniosis

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- Haemorrhage during 2nd & 3rd trimester
    - Placenta previa
    - Accidental Haemorrhage
    - Rh isoimmunization
    - Intrauterine Death
    - Medical disorders and pregnancy
        - Heart diseases
        - Diabetes
        - Infections (malaria, Tuberculosis, viral Hepatitis, AIDS)

- High Risk Pregnancy: Diagnosis and referral
- Drugs during pregnancy
- Congenital Anomalies of fetus
- Intrauterine growth retardation
- Laboratory investigation during pregnancy
- Ultrasonography in obstetrics.
- Medical Termination of pregnancy
- Normal Labour
- Partograph
- Resuscitation of newborn
- Newborn care
- Intranatal diagnosis, management and referral for abnormal presentation e.g.

    Occipito posterior position.
    Breech
    Face
    Brow
    Transverse

- Multiple Pregnancy
- Preterm delivery
- Postdatism

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- Induction of labour
- Obstructed Labour
- Rupture Uterus Obstetrics Injuries (Tear , Fistulas)
- Operative procedures (minor , Major)
    - Dilatation & Evacuation
        - Termination of pregnancy by suction Evacuation
    - Episiotomy
    - Vaccum extraction
    - Cesarean Section
    - Laparotomy
- Postpartum hemorrhage
- Obstetric shock
- Retained placenta
- Inversion of uterus
- Brest feeding practices
- Normal Puerperium
- Pureperal complications (Causes, Diagnosis and Referral)
    - Puerperal sepsis
    - Secondary Post Partum haemorrhage, Thrombophlebitis
- Maternal Mortality
- Perinatal Mortality
- National Programmes for MCH care
    - ICDS
    - CSSM
    - RH
    - Post Partum programme

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GYNECOLOGY

SYLLABUS

- Physiology of Circulation
- Physiology of menstruation
- Congenital anomaly of female genital tract and its Gynecological importance
- Adolescent Gynecology
- Puberty and its disorders
- Menstrual disorder
    - Amenorrhea
    - Dysmenorrhea
    - Polymenorhhea
    - Oligomenorrhea
    - Dysfunctional uterine Bleeding
- Hormones in Gynecology
- Retroversion of uterus
- Reproductive tract infections
- Infertility
- Prolapsed
- Endometriosis
- Adenomyosis
- Fribromyoma
- Carcinoma of cervix
- Ovarian tumors
- Carcinoma of vulva
- Chorion Carcinoma
- Complete perineal tear
- Vesico Vaginal and Rectovaginal fistula
- Preoperative and postoperative care
- Ultrasonography in Gynecology

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- Gynecological investigation
  - Semen examination
  - Smear Preparation for various vaginal infections
  - Pap's smear
  - Endometrial Biopsy
  - Test for Ovulation
  - Tubal patency tests
- Gynecological operations
  - Dilatation and Curettage
  - Abdominal and vaginal hysterectomy
  - Laparoscopy
  - Laparotomy
  - Myomectomy
  - Fothergill's operations
- National Programmes
  - AIDS control program

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Family Planning

SYLLABUS

- Family planning counseling
- Various contraceptive technology
- Natural methods of contraception
  - Barrier Methods
  - Oral Contraceptive pills
  - Intrauterine devices
  - Lactational Amenorrhea Method
  - Male and Female surgical method
- Newer Contraceptive Technologies
  - Emergency contraception
  - Injectable contraceptives
  - Implants
  - Hormonal IUDs, Vaginal rings.
  - Female condom
  - Male methods
- Male involvement
  - Family Welfare Program

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OBSTETRICS & GYNECOLOGY

Theory Syllabus

3rd semester

- Anatomy & Physiology of reproductive tract
- Basic Anatomy – the Pelvis, Female Genital organs of Reproduction
- Physiology of ovulation
- Physiology of menstruation
- Diagnosis Of pregnancy
- Physiology of Pregnancy
- Maternal changes during pregnancy

4th semester

- Physiology of Labour
- Physiology of Puerperium Causation and stages of labour , Mechanism of labour, conduct of normal labour , intrapartum Surveillance , normal pureperium
- Antenatal care- objectives of ANC, Assessment of period of Gestation, detection of abnormality with the help of gravidogram, clinical monitoring of Maternal and fetal well being detection of Normal fetal pelvic relation (Obstetric Palpation)
- Advice regarding nutrition , Prescribing in pregnancy , immunization against tetanus , basic investigations,
- Fetal well being , biophysical monitoring ,
- Pelvic assessment ,
- Basic obstetric Ultrasound.

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5th semester

- Abnormal and excessive menstrual bleeding
- Physiological vaginal discharge
- Pathological vaginal discharge
- Amenorrhea primary , Secondary
- Development of the uterus and Mullerian system Anomaly
- Resuscitation and examination of the new born
- Feeding of the new born and immunization

6th semester

- Infertility cause in the male and female
- Physical examination of the both female and male partners
- Essential Investigation , Management options , Principals of ART
- Disease Complicating Pregnancy
- Heart Disease of Pregnancy
- Tuberculosis and pregnancy
- HIV in pregnancy
- Disease of the urinary system
- Bleeding Disorders in early pregnancy

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7th semester

- Vital statistic (birth rate, maternal mortality , perinatal and neonatal Mortality, live birth, still birth, abortion,
- Abnormal obstetric :- Complication of early pregnancy
    - **Abortion** – Definition, types, causes, management of incomplete, inevitable abortion. Recurrent Abortion ,induced abortion, aetiopathology , MTP , MTP law , 1st and 2nd trimester abortion .
    - **Ectopic Pregnancy**- causes , clinical features , D/D of acute abdomen and conservative management of ectopic pregnancy and principles of surgical management
- Hyperemesis gravidarum - Definition, etiology, clinical features and management .
- Family planning and contraception and sterilization
- Various methods and devises , selection of patients , counseling of couples , side effects failures and complications , laparoscopic sterilization , tubectomy
- Causes and preventions of maternal mortality
- Morbidity and maternal mortality in hospital and community setting.
- Reproductive and child health program (RCH) – NRHM
- Current topics in obstetric women's health and gender issues.
- V. Genital infection including STD, AIDS and pelvic tuberculosis, Infection affecting individual organs.
- Etiology, pathology, clinical feature, D/D, principles of basic investigation and medical therapy.
- STD in the female.
- Tuberculosis of female genital track long term implication, surgical management.

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8th semester

- Abnormal fetal positions and presentation – Occipitoposterior, Breech, Face and Brow, Transverse lie (shoulder presentation). Compound presentation, Cord presentation
- Contracted pelvis, CPD
- Uterine Dysfunction- classification, recognition of uterine dysfunction
- Principles of induction and augmentation of labour
- Complications of 3rd stage of labour
- Predisposing factors, prevention, management of atonic PPH and Injuries to the parturient canal
- Injury to Vulva, Perineal tears, Laceration of Vagina and cervix, rupture uterus
- Antepartum Haemorrhage: Classification and etiopathology Placenta Previa, abruptio placentae – Clinical feature, D/D, USG, Complication and Management
- Pharmacotherapeutics in Obstetrics, Oxytocin, Antihypertensives, tocolytics,
- Anticonvulsants Fetal monitoring, antenatal, intrapartum, medicolegal aspects in OBG.
- Dysfunctional uterine Bleeding
- Endometriosis and Adenomyosis
- Pelvic Inflammatory Diseases
- Fibroid uterus
- Endoscopy in Gynaecology
- Hormones in Gynecology
- Imaging techniques in Gynaecology
- Operative Gynaecology
- Tubal Patency tests
- Operations on the cervix – cauterization, biopsy, amputation, trachelorrhaphy

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9th semester

- Anaemia in pregnancy
- Hypertensive Disorder in Pregnancy
- Antepartum haemorrhage - Placenta Previa, Abruptio Placenta
- Preterm Labour • IUGR • Prolonged pregnancy
- Rh iso-immunization
- Multiple pregnancy
- Diabetes in Pregnancy
- Operative Obstetrics Indication, technique and complication of
- Episiotomy, Vacuum extraction, Obstetric forceps
- Instrumental evacuation, menstrual regulation
- Caesarean section • Assisted Breech delivery, ECV, IPV
- Cervical encerclage
- Post caesarean pregnancy – risks, identification of scar dehiscence
- Repeated pregnancy loss (RPL)
- High risk pregnancy
- Shock in obstetrics • Immunology in obstetrics
- Blood coagulation disorder in pregnancy DIC, HELLP
- Cardio tocography
- Gestational Trophoblastic diseases (GTD)
- Displacement of the uterus, Prolapse
- Malignancy of cervix, uterus Endometrium
- Ovary : Benign and malignant Ovarian Tumors
- Menopause
- Screening Procedure in gynaecology

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SYLLABUS FOR CLINICAL POSTINGS

1st clinical term- 3rd semester – 6 weeks – II/I batch

- Introduction
- History taking both obs and gynec
- Obstetric examination
- Antenatal care
- Introduction of contraception
- Diagnosis of pregnancy and symptoms
- Examination of post-partum

2nd clinical term – 5th semester – 4 weeks II/III batch with clinical skills of 1st term

- Normal labour - partograph
- Multiple pregnancy
- Abortion
- Vaginal discharge
- Identification of common gynec problems
- Gynec examination
- Scrubbing prior to surgery, disinfection, sterilization, BMW
- Universal precaution

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3rd clinical term – 7th semester – 4 weeks III/I – second semester with clinical skills of 2nd term

- Minor OBGY procedure,
- LSCS
- Instrumental delivery
- Family planning operation
- Hysterectomy
- Complication of labour
- Resuscitation of newborn
- High risk pregnancy recognition

4th clinical term - 8th semester- 4 weeks III/II- first sem with clinical skills of 3rd term

Management of high risk pregnancy

- Anemia
- PIH
- Rh incompatibility
- APH
- post LSCS pregnancy,
- preterm labour
- post term PROM
- Management of abnormal labour
- OBGY specimens, drugs
- Induction and Augmentation of labour
- Fetal wellbeing assessment
- Partograph- abnormal

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5th clinical term – 9th semester – 6 weeks III/II – final semester with clinical skills of 4th term

- Ultrasonography in OBGY
- Endoscopy of OBGY
- Infertility and management
- Preventive oncology
- Obstetric emergencies
- National programs and relevant ACT
- Instruments
- Medical disorders of pregnancy
- Third stage labour complications

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PAPER STYLE

Obstetrics & Gynaecology

Theory

Paper I	40 marks	2 hours
Paper II	40 marks	2 hours
INTERNAL ASSESSMENT	20 MARKS	
Total	**100 MARKS**	

Practical

Obstetric Case	24 Marks
Obstetric table	24 Marks
Gynaec table	32 Marks
INTERNAL ASSESSMENT	20 MARKS
Total	**100 MARKS**

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BKNM EXAMINATION SCHEME OBSTRETICS AND GYNAECOLOGY

Theory

Topics Division

Paper – I Obstetrics including social obstetrics

Paper – II Gynecology, Family welfare and Demography

Paper – I & Paper – II

Section 1

Q.1	Write notes on	any two out of three	2 x 5 marks = 10 marks
Q.2	Write short notes on	any three out of four	3x 4 marks = 12 marks

Section 2

Q.3	Write short notes on	any three out of four	3x 4 marks = 12 marks
Q.4	Write answers to the point in two Or three sentences	any six out of eight	6 x 1 marks = 6 marks

Instructions:

1. *Two papers of 40 marks,*
2. *Time duration TWO hours each.*

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3. *Paper should contain one question on basic science and allied subjects.*

BKNM UNIVERSITY PRACTICAL MARK SCHEME THIRD M.B.B.S. PART III

Practical

Obstetric Case	24 Marks
Obstetric table	24 Marks
Gynaec table	32 Marks
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	80 Marks

Division of Marks in Pairs of Examiners:

Pair I Long Case	24 Marks	All candidates
Pair II (Obst.Table)	24 Marks	All candidates
Pair III (Gynaec table)	32 Marks	All candidates

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