

MBBS Syllabus  
Paper I  
(Obstetrics including Social Obstetrics)  
(MBBS 321)

Maximum Marks. 40

1. Basics of Reproduction.

- Reproductive Anatomy. ✓
- Fundamentals of Reproduction. ✓
- The Fetus ✓
- Birth Defects, Genetics, Teratology and Counselling II ✓
- Maternal Physiologic Changes in Pregnancy I ✓
- Endocrinology of Pregnancy. ✓

2. Normal Pregnancy.

- Diagnosis of Pregnancy. ✓
- The Fetus in Utero and Fetopelvic Relationship. ✓
- Prenatal (Antenatal) Care. I *APC Exam - Maternity* ✓
- Fetus at Risk: Identification and Assessment. ✓

3. Medical, Surgical and Gynaecological Disorders in Pregnancy.

- Hypertensive Disorders in Pregnancy. I ✓
- Epilepsy in Pregnancy.
- Anaemia in Pregnancy. I
- Heart Diseases in Pregnancy. II
- Diabetes in Pregnancy. I
- Thyroid Disorders in Pregnancy.
- Pyelonephritis in Pregnancy. II
- Malaria in Pregnancy
- Dengue Fever Complicating Pregnancy. II
- Hepatitis in Pregnancy. I (*Jaundice*)
- Bronchial Asthma in Pregnancy.
- Tuberculosis Complicating Pregnancy.
- Rh- Isoimmunization. II
- HIV Infection Complicating Pregnancy. II
- Perinatal Infectious Diseases.
- Surgical Disorders in Pregnancy.
- Gynaecological Disorders in Pregnancy.  
• *Viral Inf. in Ebolo virus in pregnancy.*

4. Obstetrics Disorders in Pregnancy.

- Abortions. I
- Ectopic Pregnancy. I
- Intrauterine Fetal Growth Restriction (Retardation). II
- Multifetal Pregnancy.
- Antepartum Haemorrhage. I
- Placenta Previa. I

- Accidental Haemorrhage (Abruptio Placentae). 1
- Hydramnios. 1
- Post-term Pregnancy (Postmaturity and Postdatism).
- Intrauterine Fetal Death. 1
- Gestational Trophoblastic Disease. 1

#### 5. Normal Labour. 1

- Onset of Labour.
- Uterine Activity in Labour.
- Effects of Labour on Mother and Fetus.
- Clinical Course of Labour.
- Mechanism of Labour.
- Documentation of Labour.
- Management of Labour.

#### 6. Abnormal Labour.

- Abnormal Fetal Position and Presentations. 1
- Prolonged Labour.
- Abnormal Uterine Action. 1
- Contracted Pelvis. 1
- Obstructed Labour. 1
- Rupture of the Uterus. 1
- Other Maternal Soft Tissue Traumas. 1
- Postpartum Haemorrhage. 1 1
- Preterm Labour. 1
- Premature Rupture of Membranes. 1
- Induction of Labour.
- Fetal Surveillance in Labour. 1
- Fetal Distress.
- Obstetrics Shock.
- Pulmonary (Amniotic Fluid) Embolism in Obstetrics.
- Coagulation Disorders and Thrombocytopenia.

#### 7. Puerperium. 1

- Normal Puerperium.
- Disorders of the Puerperium.

#### 8. Drugs in Obstetrics.

- Obstetrics Analgesia and Anaesthesia.
- Drugs in Pregnancy and Lactation. 1

#### 9. Investigations in Obstetrics Practices and the Assessment of Fetal Well-being.

- Ultrasonography in Fetal Health Assessment. 1
- Antenatal Detection of Abnormal Fetal Development.
- Antenatal Testing for Fetal Well-being : Cardiotocography.

#### 10. Obstetrics Interventions and Operations.

- Operative Procedures in Early Pregnancy. 1

- Versions.
- Episiotomy. II
- Obstetrics Forceps. II
- Vacuum Extractor (Ventouse). II
- Caesarean Section. I
- Surgical Management of Severe Obstetrics Haemorrhage.
- Destructive Operations on the Fetus.

#### 11. Safe Motherhood.

- The Safe Motherhood Initiative.
- Maternal Mortality.
- Perinatal Mortality.

#### 12. The Newborn Infant.

- Care and Examination of the Newborn.
- Adaption and Resuscitation of the Newborn.
- Problems of the Newborn.
- Infections in the Newborn.
- Congenital Fetal Malformations.
- Neurological Presentations in the Newborn.
- The Small Newborn (Low Birth Weight).

#### 13. Contraception and Termination of Pregnancy. I.

- Contraception.
- Induced Abortions: Medical Termination of Pregnancy.

#### 14. Contemporary Obstetrics Practice.

- Immunology in Pregnancy.
- Trauma in Pregnancy.
- Sexually Transmitted Diseases in Pregnancy.
- Substance Abuse in Pregnancy.
- Medicolegal Issues and Risk Management.
- Special Cases in Obstetrics- Practice.
- Evidence-based Obstetrics.

Blood & its compon

DEPARTMENT OF OBSTET. & GYNAECOLOGY  
MBBS Syllabus  
Paper II  
(Gynaecology, Family Welfare and Demography)  
(MBBS 322)

Maximum Marks 40.

1. Anatomy.
2. Normal Histology.
3. Physiology.
4. Paediatrics Gynaecology, Adolescent Problems and Puberty.
5. Perimenopause, Menopause, Premature Menopause and Postmenopausal Bleeding.
6. Gynaecological Diagnosis.
7. Malformations of the Female Generative Organs.
8. Sex and Intersexuality.
9. Diseases of the Vulva.
10. Diseases of the Vagina.
11. Sexually Transmitted Diseases in the Female. I
12. Tuberculosis of the Genital Tract.
13. Injuries of the Female Genital Tract.
14. Injuries to the Intestinal Tract.
15. Diseases of the Urinary System. II
16. Genital Fistulae and Stress Urinary Incontinence. II
17. The Pathology of Conception. I Infertility
18. Birth Control and Medical Termination of Pregnancy.
19. Gestational Trophoblastic Neoplasias or Diseases. II
20. Ectopic Gestation. I
21. Disorders of Menstruation. I → amenorrhoea
22. Menorrhagia and Dysfunctional Uterine Bleeding. I AUB
23. Hormonal Therapy in Gynaecology. II
24. Inflammation of the Uterus and the Cervix. I
25. Genital Prolapse. I
26. Displacements.
27. Fibromyomas of the Uterus. I and Uterine Polyps.
28. Disorders of the Ovary and Benign Tumours. I, II (Malignant neoplasms)
29. Gynaecologic Oncology. GACx. II (Endomet. Ca)
30. Radiation Therapy and Chemotherapy for Gynaecologic Cancer. II
31. Pelvic Inflammatory Diseases. I
32. Acute and Chronic Pelvic Pain.
33. Disorders of Broad Ligament, Fallopian Tubes and Parametrium.
34. Endometriosis and Adenomyosis. II
35. Breast.
36. Endoscopy in Gynaecology. II
37. Imaging Modalities in Gynaecology.
38. Re-Surgery.
39. Preoperative and Postoperative Care, and Surgical Procedures. II
40. Obesity.
41. Postoperative Adhesion and their Prevention.

Approved by Board of Studies on 22-03-2014.

## LECTURE FOR FINAL PROF.2<sup>ND</sup> TERM GYNAECOLOGY

MONDAY – 8-9.AM  
(1 YEAR CLASS)

### TOPIC

1. Benign Cervical Lesions
  - Cervices
  - Erosion
  - Polyp
2. Screening for Early Detection of Cancer Cervix
3. Benign Growth of Uterus - Fibroid
4. Common Body of Uterus
5. Uterus Vaginal Prolapse Uterus
6. Other Displacements
  - Retroversion
  - Inversion
7. Endometriosis
8. Benign Ovarian Cysts and Tumours
9. Malignant Ovarian Tumours
10. Pelvic Inflammatory Diseases
11. Hormone Therapy in Gynaecology
12. Radiotherapy in Genital Malignancy
13. Chemotherapy for Gynaecological Malignancies
14. Amenorrhoea
  - Primary
  - Secondary

CLINICAL LECTURES FOR FINAL PROFESIONAL 2<sup>ND</sup> TERM

TUESDAY- 12: PM TO 01: AM  
(1 YEAR CLASS)

TOPIC

1. Prenatal Diagnosis of Birth Defects and genetic Disorder.
2. Teratogenic Agents and Drug Abuse during Pregnancy.
3. Trophoblastic Tumours and Choriocarcinoma.
4. Anemia in Pregnancy.
5. Pregnancy with Diabetes Mellitus.
6. RH Incompatibility.
7. Pregnancy and Urinary Tract – Infection
8. High Risk Pregnancy and IUGR (Intra Uterine Growth Retardation)
9. Fetal Surveillance.
10. Post – Term Pregnancy.
11. Pre-Term Labour and prom (Premature Rupture of Membranes)
12. Safe – Motherhood RCH (Reproductive and Child Health)
13. Maternal and Perinatal Morbidity and Mortality.
14. HIV/AIDS Screening.
15. Endoscopy
16. Preoperative and post Operative care
17. Pre- Menopausal and Menopausal Syndrome & Hormone Replacement

## LECTURES FOR FINAL PROF, 1<sup>ST</sup> TERM

THURSDAY – 8: AM TO 9: AM  
(1 YEAR CLASS)

### TOPIC

1. Vulva
  - Inflammations
  - Chronic Epithelial Dystrophies
  - Neoplasia
2. Vagina
  - Specific Vaginal Infection
  - Tumours of Vagina
3. Sexually Transmitted Diseases
  - Gonorrhoea
  - Syphilis
  - Lymphogranuloma Inguinal
  - Condyloma Acuminate
  - AIDS/HIV
4. Tuberculosis of Genital Tract
5. Injuries of Genital Tract
  - Perineal Tears
  - RVF (Rectovaginal Fistula)
6. Diseases of Urinary System
  - Stress Incontinence
  - Urinary Fistulas
7. Infertility - Male
8. Infertility - Female
9. Contraception
  - Conventional & Natural Methods
  - Steroidal
  - I.U.C.Ds
  - Permanent Methods – Male  
Female

**LECTURES FOR FINAL 1st TERM MBBS (OBSTETRICS)**

**TOPIC**

**FRIDAY – 8: AM TO 9: AM  
(1 YEAR CLASS)**

1. Multiple Pregnancy
2. Hypertensive Disorders of Pregnancy
  - Pre-Eclampsia
  - Eclampsia
  - Essential Hypertension
  - Chr.Nephritis
3. Pregnancy with Jaundice
4. Hydramnios and OI Gihydramnios
5. Diseases of Placenta and Cord
6. Pregnancy with Heart Disease
7. Abnormal Labour
  - Abnormal Uterine Action
  - Breech Presentation
  - Occipito Posterior Position
  - Shoulder Presentation
  - Face and Brow
  - Cord Presentation with Prolapse
8. CPD and Obstructed Labour
9. APH
10. Complication of 3<sup>rd</sup> Stage of Labour
  - Inversion of Uterus
  - PPH
  - Retained Placenta
11. Injuries to the Birth Canal
  - Perineal
  - Cervical
  - Rupture Placenta
12. Normal Puerperium
13. Abnormal Puerperium
14. Family Welfare Programmed & Reproductive Child Health.
16. Cancer Cervix
17. Anemia in regnancy
18. High Risk Pregnancy with IUGR
19. Pregnancy with UTI

**LECTURES FOR FINAL 1st TERM MBBS (OBSTETRICS)**

**TOPIC**

**FRIDAY – 8: AM TO 9: AM  
(1 YEAR CLASS)**

1. Anatomy of Female Reproductive Organs.
2. Hormonal Control of Menstruation and Ovulation
3. Changes in the Genital Tract during Menstrual Cycles.
4. Conception and Early Placental and fetal Development.
5. Physiological Changes during Pregnancy.
6. Diagnosis of Pregnancy.
7. Antenatal Care (Nutritional Needs of Pregnancy).
8. Placental Function and Fetoplacental Hormones.
9. Hyperemesis Gravidarum.
10. Abortion Definition, Classification/Diagnosis Management.
11. Habitual Abortion.
12. Septic Abortion and Septic Shock.
13. M.T.P.
14. Ectopic Pregnancy.
15. Normal Pelvic and Fetal Skull
16. Normal Labour Uterine Action Mechanism of Labour.
17. Management of Normal Labour and After Birth.

**GYNAECOLOGY**

18. Gynae. Examination and Aids to Diagnosis.
19. Development of Genital Tract Malformations.
20. Definition of Menarchae Adolescence and Menopause.
21. Menstrual Disorder Abnormal Bleeding DUB – Definition Etiology Management.
22. Definition & Causes of Dysmenorrhoea.

**TEACHING SCHEDULE FOR FINAL PROF. I & II TERM**

TIME	LECTURES/DEMONSTRION	DAYS	COURSE	NAME OF TEACHERS
8.am to 9.am	Systemic Lecture (30)	Thursday	Final Prof. I Term	
8.am to 9.am	Systemic Lecture (30)	Friday	Final Prof. I Term	
8.am to 9.am	Systemic Lecture (30)	Monday	Final Prof. II <sup>nd</sup> Term	
12.noon to 1.pm	Clinical Lecture (20)	Tuesday	Final Prof. II <sup>nd</sup> Term	
2.pm to 3.pm	Demonstration	Thursday	Final Prof. I Term	
2.pm to 3.pm	Demonstration	Saturday	Final Prof. II <sup>nd</sup> Term	

**CLINICAL INSTRUCTIONS**

- Clinical Clerkship                      II Prof.                      3 Month
- Clinical Posting                          Final Prof.                      2 ½ Months

This Clinical Posting Includes Family Planning as well as Maternity posting ( 15 Days )

REVISED SYLLABUS FOR MBBS

- Viral Infections in pregnancy
- Blood and its Components Transfusion
- DIC & Coagulation Cascade
- Breast- Lactation & Management of Common breast Ailments
- Ebola Virus

**List of Topics discussed and passed by the Board of Studies meeting held on 08-11-2017 to add in the syllabus of each paper and Model Theory paper.**

S.No	Topic
01	Infections in pregnancy with special reference to swine flu, Zika virus, Dengue and Malaria.
02	Immunization in pregnancy.
03	POP-Q classification of prolapse..
04	Communication skills.
05	Universal infection prevention practices.
06	Ethics & Professionalism.
07	Evidence Based Medicine and Research Methodology.

*Tamkin Khan*  
Prof. Tamkin Khan Chairperson  
Chairperson: Dept. of Obst. & Gynaecology  
J.N. Medical College  
A.M.U., Aligarh

MBBS IIIND TERM CLINICAL CLASS (12-1 PM.)

1. BIRTH DEFECTS AND GENETIC DISORDERS PRENATAL DIAGNOSIS
2. TERRATOGENIC AGENTS
3. DRUG ABUSE DURING PREGNANCY
4. PREVENTION OF CARCINOMA AND ITS SCREENING IN OBSTETRIC & GYNAECOLOGY
5. MATERNAL AND PERINATAL MORTALITY
6. PRE-OPERATIVE AND POST OPERATIVE CARE
7. ENDOSCOPY
8. ANAEMIA IN PREGNANCY
9. URINARY TRACT INFECTIONS
10. RH INCOMPATIBILITY
11. PREGNANCY WITH DIABITES.
12. HIGH RISK PREGNANCY IUGR, IHD
13. POST MATURITY
14. PRE-TERM LABOUR -PROM
15. CONTRACTED PELVIS
16. BIostatISTICS.

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TOPICS FOR FINAL 2ND. TERM MBBS (OBSTETRICS)

1. MULTIPLE PREGNANCY
2. HYPERTENSIVE DISORDERS OF PREGNANCY
3.
  - A. PRE ECLAMPSIA
  - B. ECLAMPSIA
  - C. ESSENTIAL HYPERTENSION
  - D. CHR. NEPHRITIS
3. JAUNDICE
4. HYDRAMNIOS AND OLYGONHYDRAMNIOS
5. DISEASES OF PLACENTA AND CORD
6. PREGNANCY WITH HEART DISEASE
7. ABNORMAL LABOUR.
  - A. ABNORMAL UTERINE ACTION
  - B. BREECH PRESENTATION
  - C. OCCIPITO POSTERIOR POSITION
  - D. SHOULDER PRESENTATION
  - E. FACE AND BROW
  - F. CORD PRESENTATION WITH PROLAPSE
8. CPD AND CESTRUCTED LABOUR
9. APH
10. COMPLICATIONS OF THIRD. STAGE OF LABOUR
  - A. INVERSION OF UTERUS
  - B. PPH
  - C. RETAINED PLACENTA
11. INJURIES TO THE BIRTH CANAL
  - A. PERINEAL
  - B. CERVICAL
  - C. RUPTURE UTERUS
12. NORMAL PUERPERIUM
13. ABNORMAL PUERPERIUM
14. PHARMACO THERAPEUTICS IN OBSTETRIC
  - A. OXYTOCICE
  - B. ANALGESIA & ANAESTHETICS

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J.N. MEDICAL COLLEGE  
A.M.U. ALIGARH.

LECTURE FOR 3RD. YEAR CLASS.

TOPICS.

1. ANATOMY OF FEMALE REPRODUCTIVE ORGANS.
  2. HORMONAL CONTROL OF MENSTRUATION AND OVALUATION
  3. CHANGES IN THE GENITAL TRACT DURING MENSTRUAL CYCLES
  4. CONCEPTION AND EARLY PLACENTAL AND FETAL DEVELOPMENT
  5. PHYSIOLOGICAL CHANGES DURING PREGNANCY
  6. DIAGNOSIS OF PREGNANCY
  7. ANTENATAL CARE (NUTRITIONAL NEEDS OF PREGNANT)
  8. PLACENTAL FUNCTIONS AND MANAGEMENT
  9. SPONTANEOUS ABORTIONS
  12. SEPTIC ABORTION AND SEPTIC SHOCK
  13. M.T.P.
  14. ECTOPIC PREGNANCY
  15. VESICULAR MOLE
  16. CHORIO-CARCINOMA
  17. NORMAL PELVIS AND FETAL SKULL
  18. NORMAL LABOUR-UTERINE ACTION, MECHANISM OF LABOUR.
  19. MANAGEMENT OF NORMAL LABOUR AND AFTER BIRTH.
- G Y N A E C O L O G Y .
20. GYNAE. EXAMINATION AND AIDS TO DIAGNOSIS.
  21. DEVELOPMENT OF GENITAL TRACT-MALFORMATIONS.
  22. MENARCHE, ADOLESCENCE AND MENOPAUSE
  23. MENSTRUAL DISORDERS (ABNORMAL BLEEDING) DUB, DYS.
  24. AMENORRHOEA
    - A. PRIMARY
    - B. SECONDARY.
  25. VAGINAL DISCHARGE.
    - MOTHERS
    - CHILDREN.
  26. NUTRITION

(11)

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DEMONSTRATIONS

OBSTETRICS.

1. NORMAL PELVIS & SKULL
2. MECHANISM OF NORMAL LABOUR AND CONDUCT OF DELIVERY.
3. FETAL MONITORING IN PREGNANCY AND LABOUR
4. INSTRUMENTS FOR EPISIOTOMY PUDENDAL BLOCKS -ARM  
PARATERNAL
5. OCCIPITO- POSTERIOR POSITION
6. FACE AND BROW
7. BREECH
8. TRANSVERSE AND COMPOUND PRESENTATION
9. CORD PRESENTATION AND PROLAPSE
10. TWINS
11. CONTRACTED PELVIS-CPD
12. FORCEPS & VENTOUSE
13. VERSION
14. CAESARIAN SECTION
15. DESTRUCTIVE OPERATIONS
16. M.T.P.

GYNAECLOGY.

1. INSTRUMENTS FOR GYNAE. EXAMINATION AND CYTOLOGY
2. D & C?, TPT, HYSTEROSALPHINGOGRAPHY
3. CAUTERY AND CRYOSURGERY
4. ENDOSCOPY
5. ULTRASONOGRAPHY
6. PRE OPERATIVE & POST OPERATIVE MANAGEMENT
7. SPECIMENS FIBROMYOMA & DISCUSSIONS
8. " " OVARIAN
9. " " CANCER CERVIX.
10. CONTRACEPTIVE DEVICES
- 11- HYSTERECTOMY & INSTRUMENTS USED IN GYNAE. OPERATIONS.

NOTE:- 10 DEMONSTRATIONS WILL BE TAKEN BY THE REGISTRAR.

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### Test Blueprint For Second Terminal Batch 2014

S no.	Type	Topic	Weightage
Obstetric 40 marks Gynecology 15 marks Contraception 5 marks			
Question 1	Long, structured essay type	Any important cause of maternal mortality, must know area	10 marks
Question 2	Long, structured essay type	Gynecology must know	10 marks
Question 3,4,5,6	Short questions	Obstetric must know	20 marks
Question 7	Short question	Obstetric good to know	5 marks
Question 8	Short question	Gynecology good to know	5 marks
Question 9	Short question	Contraception	5 marks
Question 10	Short question	Nice to know area	5 marks
Obstetric must know 30 marks, good to know 5 marks Gynecology must know 10, good to know 5 marks Contraception must know 5 marks Nice to know 5 marks Total 60 marks			

**Weightage of course content:**  
**Obstetrics: 60%**  
**Gynecology : 30 %**  
**Contraception: 10 %**

**Must know areas : 70 % Weightage**

1. Anatomy: blood supply to uterus, course of ureter and sites of injury
2. Antenatal care
3. Postnatal care
4. Puerperium- normal and abnormal including puerperal sepsis
5. Hypertensive disorders in pregnancy
6. Heart disease in pregnancy
7. Abortions
8. Ectopic pregnancy
9. APH