

# Contents

Preface ..... v

## OBSTETRICS

### IMPORTANT TOPICS

1. Spermatogenesis and Oogenesis.....	3
2. Fertilization Basics.....	4
3. Signs in Pregnancy.....	5
4. Pregnancy Dating.....	6
5. Antenatal Care in Pregnancy.....	7
6. Vaccination in Pregnancy.....	8
Table 1: Vaccines which should be given to all pregnant females.....	8
Table 2: Vaccines, exercise, intercourse and air travel in pregnancy.....	8
7. Aneuploidy Screening.....	9
8. Antenatal Investigations.....	11
9. Important USG Images.....	12
10. Placental Hormones.....	15
11. Amniotic Fluid: Source and Disorders.....	18
12. Hematological Changes in Pregnancy.....	21
13. Anemia in Pregnancy.....	21
14. Heart Diseases in Pregnancy.....	24
15. Renal Changes in Pregnancy.....	26
16. Changes in Thyroid Gland.....	26
17. Drugs in Pregnancy.....	27
18. Teratogenic Drugs.....	28
19. Antiphospholipid Antibody.....	30
20. Cervical Insufficiency.....	31
21. Abortions.....	32
22. Medical Termination of Pregnancy.....	33
23. Ectopic Pregnancy.....	34
24. Molar Pregnancy.....	37
25. Placenta Previa.....	39
26. Abruptio Placenta.....	41
27. Diabetes in Pregnancy.....	42
28. Infections in Pregnancy.....	46
29. Pregnancy-Induced Hypertension (PIH).....	49
30. HELLP Syndrome and Liver Disorders in Pregnancy.....	53
31. Doppler Studies in Pregnancy.....	54

32. Twins.....	55
33. Preterm Birth.....	59
34. Established Preterm Labor.....	60
35. PROM and PPRM.....	62
36. Post-Term Pregnancy.....	62
37. Rh Negative Pregnancy.....	63
38. Antepartum Fetal Assessment.....	65
39. Biophysical Profile (Manning Score).....	66
40. Amniotic Fluid Assessment.....	66
41. Risk Factors Important in Obstetrics.....	67
42. Maternal Pelvis.....	68
43. Fetal Skull.....	70
44. Terminology Related to Labor.....	71
45. Leopold Maneuver.....	73
46. Some Important Concepts.....	74
47. Induction of Labor.....	75
48. Cardinal Movements of Labor.....	76
49. Normal Stages of Labor.....	77
50. Abnormal Stage of Labor.....	78
51. Obstructed Labor.....	79
52. WHO Recommendations for Management of Labor.....	80
53. Important Points Related to Third Stage of Labor.....	81
54. Drugs Used in AMTSL PPH.....	82
55. Methods of Placental Separation.....	82
56. Retained Placenta.....	83
57. Placenta Accreta Spectrum (PAS).....	84
58. Partogram.....	85
59. Labor Care Guide.....	88
60. Postpartum Hemorrhage.....	90
61. Postpartum Collapse.....	92
62. Cord Prolapse.....	94
63. Perineal Tear and Episiotomy.....	95
64. Malpresentation.....	96
65. Breech.....	97
66. External Cephalic Version.....	101
67. Intrapartum Fetal Monitoring.....	102
68. Important Points on Cesarean Section.....	104
69. Instrumental Delivery.....	105
70. Uterine Rupture.....	106
71. <b>IMPORTANT TABLES OBS</b> .....	107
Table 3: C/I to Breastfeeding.....	107
Table 4: Postpartum blues, depression and psychosis.....	107
Table 5: Obstetric causes of DIC.....	107
Table 6: Lab investigation in DIC.....	107

Table 7: Methods of doing MTP.....	108
Table 8: Radiological signs of IUD.....	108
Table 9: Lochia.....	108
Table 10: GOI: High risk pregnancy.....	108
Table 11: Color codes on antenatal card.....	108
Table 12: Nutritional requirement in pregnancy and lactation.....	109
Table 13: Symphysiofundal height (SFH).....	109
Table 14: Respiratory changes.....	110
Table 15: Other Important PYQ's.....	110
Table 16: Pelvis.....	110
Table 17: Swellings on fetal head.....	111
Table 18: Important points on hyperemesis gravidarum.....	111
Table 19: Gravida and parity.....	111
Table 20: Alpha fetoprotein.....	112
Table 21: hCG: Clinical implications of the measurement of hCG.....	112
Table 22: Events of early pregnancy.....	112
Table 23: Important radiological signs in pregnancy.....	113
Table 24: Basics of placenta.....	113
<b>72. IMPORTANT IMAGES.....</b>	<b>114</b>
<b>73. IMPORTANT FOR INI-CET.....</b>	<b>115</b>

## GYNECOLOGY

### IMPORTANT TOPICS

74. Menstrual Cycle.....	121
75. Patient C/O Cyclical Pain in Abdomen.....	123
76. Phases of Menstrual Cycle.....	124
77. Important Images Related to Menstrual Cycle.....	125
78. Hyperestrogenic Conditions.....	129
79. Abnormal Uterine Bleeding.....	130
80. Endometrial Hyperplasia.....	133
81. Endometrial Cancer.....	134
82. Important Next Steps.....	136
83. Menopause.....	138
84. Hirsutism.....	139
85. PCOS (Stein-Leventhal Syndrome).....	140
86. Endometriosis.....	142
87. Fibroid.....	145
88. Important Images of Fibroid, Polyp and Adenomyosis.....	148
89. Gynecological Procedures—PAP Smear.....	150
90. Colposcopy and Cone Biopsy.....	151
91. Contraindications.....	152
92. Cancer Cervix.....	154

93. Hysteroscopy .....	156
94. Asherman Syndrome .....	157
95. Hysterosalpingography .....	158
96. Genital TB .....	159
97. Vaginitis.....	160
98. PID.....	161
99. Syndromic Management .....	162
100. Mullerian Malformations .....	163
101. Normal Sexual Development in Males.....	166
102. Normal Sexual Development in Females.....	167
103. Development of External Genitalia .....	168
104. Female External Genitalia.....	169
105. Puberty.....	170
106. Disorder of Sex Development: 46XX Individuals.....	171
107. 46XY DSD.....	173
108. Workup of a Case of Ambiguous Genitalia .....	174
109. DSD-46XY Karyotype with Exactly Female Looking Genitalia and Presenting as Primary Amenorrhea.....	175
110. Primary Amenorrhea .....	176
111. Primary Amenorrhea with Uterus Absent.....	177
112. Primary Amenorrhea with Uterus Present.....	178
113. Secondary Amenorrhea .....	179
114. Prolactin Disorders: Prolactinoma/Sheehan Syndrome .....	181
115. Female Infertility Anovulation .....	182
116. Ovarian Hyperstimulation Syndrome.....	184
117. Female Infertility—POI.....	184
118. Female Infertility: Tubal Cause.....	185
119. Male Infertility.....	186
120. Algorithm for Obstructive Azoosperma .....	187
121. ART Procedures.....	188
122. Prolapse.....	189
123. Urinary Fistula.....	191
124. Vulval Cancer .....	192
125. <b>IMPORTANT TABLES OBG</b> .....	193
Table 25: pH of vagina @ different ages .....	193
Table 26: Cervix: Corpus ratio.....	193
Table 27: Contents of blood ligament.....	193
Table 28: Fallopian tube.....	194
Table 29: Muscles attached to perineal body—10 muscles are attached to perineal body.....	194
Table 30: Emergency Contraception.....	194
Table 31: Mechanism of action of some important contraceptive.....	195
Table 32: OCP's .....	195
Table 33: Absolute contraindication of OCPs.....	196
Table 34: LARC methods.....	196

Table 35: DMPA injection .....	196
Table 36: IUCD generations.....	196
Table 37: Important IUCD.....	197
Table 38: Comparison of CuT 380 and Mirena.....	197
Table 39: Absolute contraindications of IUCD .....	198
Table 40: Contraceptives included in National Family Planning Programme .....	198
Table 41: Important PYQ's.....	198
Table 42: Failure rate of contraception.....	199
Table 43: Postpartum contraceptive use .....	199
Table 44: Risk factors and protective factors related to ovarian cancer .....	201
Table 45: WHO classification of types of ovarian cancer.....	201
Table 46: Epithelial ovarian tumor .....	202
Table 47: Pseudomyxoma peritonei .....	202
Table 48: Imp PYQ'S on epithelial tumors.....	202
Table 49: Important PYQ's on germ cell Tm.....	202
Table 50: Ovarian Tm and tumor markers.....	202
Table 51: Meig syndrome and pseudomeig syndrome.....	202
Table 52: HPE finding of ovarian tumor .....	202
Table 53: Steps of surgical staging in ovarian cancer.....	203
Table 54: Management of ovarian cancer.....	203
Table 55: Differences between benign and malignant adnexal mass .....	203
<b>126. IMPORTANT IMAGES OF OVARIAN TUMORS .....</b>	<b>204</b>
<b>127. IMPORTANT NEXT STEPS .....</b>	<b>206</b>
<b>128. IMPORTANT INSTRUMENTS IN GYNAE.....</b>	<b>209</b>
<b>129. IMPORTANT PAP SMEAR IMAGES OF INFECTIONS.....</b>	<b>210</b>

## LATEST QUESTION PAPERS

NEET PG 2023 .....	215
NEET PG 2022 .....	217
NEET PG 2021 .....	220
INI-CET November 2022 .....	223
INI-CET June 2022 .....	226
INI-CET November 2021 .....	229
INI-CET June 2021 .....	231
FMGE 2023 .....	233
FMGE June 2022 .....	236
FMGE December 2021 .....	238
FMGE June 2021 .....	241

