

**TABLE OF SPECIFICATIONS FOR MCQs OF INTERMEDIATE EXAMINATION**

<b>Total MCQs</b>	<b>100</b>	<b>100%</b>
<b>Obstetrics and gynecology</b>	<b>15+15=30</b>	<b>30%</b>
<b>General surgery</b>	<b>40</b>	<b>40%</b>
<b>Biostats, research+ basics and applied sciences</b>	<b>15+15=30</b>	<b>30%</b>

<b>Subject</b>	<b>Topic</b>	<b>Sub Topic</b>	<b>Number of MCQS</b>
<b>Obstetrics</b>	<b>Normal pregnancy, labour and puerperium</b>	<ul style="list-style-type: none"> <li>• Pre conceptional counseling (Folic acid, Rubella vaccination, Hereditary issue)</li> <li>• Fetal circulation / placenta</li> <li>• Antenatal care</li> <li>• Intrapartum care, maternal and fetal monitoring (partogram / CTG)</li> <li>• Postpartum care</li> <li>• Analgesia/Anesthesia during labor</li> <li>• Normal puerperium</li> <li>• Breastfeeding/complications</li> <li>• Prenatal diagnosis</li> </ul>	4
	<b>Abnormal Pregnancy, Labour and puerperium</b>	<ul style="list-style-type: none"> <li>• Malpresentation</li> <li>• Malposition</li> <li>• In-coordinate uterine action</li> <li>• CPD</li> <li>• Obstructed labour</li> <li>• 3rd stage complications</li> <li>• Induction of labour</li> <li>• Preterm labor</li> <li>• Surgical complications (Appendicitis, perforated peptic ulcer, pancreatitis)</li> </ul>	5 (Preferably equal/significant weightage shall be given to all sub-topics)

*Alees Baglan*  
24.5.24

		cholesthiasis/cholecystitis renal colic). • Normal care/ Resuscitation	
	<b>Medical complications of pregnancy</b>	<ul style="list-style-type: none"> <li>• Cardiovascular diseases</li> <li>• Renal and urinary tract disorders</li> <li>• Diabetes in pregnancy</li> <li>• Endocrine disorders</li> <li>• Hepatic and GIT disorders</li> <li>• Hematological disorders of pregnancy</li> <li>• Thromboembolic disorders</li> <li>• Psychiatric and neurological disorders</li> <li>• Dermatological disorders</li> <li>• Neoplastic disease</li> </ul>	6 (Preferably equal/significant weightage shall be given to all sub-topics)
<b>Gynaecology</b>	<b>Development of Female Genital Organs and related disorders</b>	<ul style="list-style-type: none"> <li>• Development of female genital organs normal and abnormal especially intersexes, obstruction of out flow tract and urogenital maldevelopment.</li> </ul>	1
	<b>Amnorrhea and Endocrine Gynecology</b>	<ul style="list-style-type: none"> <li>• Amenorrhoea</li> <li>• Gynaecological endocrinology, especially hirsutism and virilism, PCO.</li> </ul>	2
	<b>Endometriosis, Menstrual disorders and Infections</b>	<ul style="list-style-type: none"> <li>• Endometriosis</li> <li>• Perineal and pelvic infections, especially Bartholin gland problems, vaginal discharge, STIs, PID.</li> <li>• Menstrual disorders, especially menorrhagia dysmenorrhoea, PMS, DUB.</li> </ul>	3
	<b>Disorders of Early Pregnancy</b>	<ul style="list-style-type: none"> <li>• Disorders of early pregnancy, especially abortion, ectopic</li> </ul>	2

*Acis BSLW*  
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		pregnancy, GID and their management.	
	<b>Urogynecology</b>	<ul style="list-style-type: none"> <li>• Pelvic floor disorders and UV prolapsed</li> <li>• Urinary fistulas</li> </ul>	1
	<b>Pre &amp; Post operative management and Gynaecological procedures</b>	<ul style="list-style-type: none"> <li>• Pre and post operative assessment, preparation and management.</li> <li>• Gynaecological procedure, e.g cervical smear, insertion of pesseries.</li> </ul> <p>Hysterosalpingography, Ultrasonography. Minor operative Gynaecological surgery.</p>	2
	<b>Miscellaneous</b>	<ul style="list-style-type: none"> <li>• Infertility</li> <li>• Contraception and sterilization</li> <li>• Menopause, hormone replacement therapy.</li> <li>• Radiotherapy</li> <li>• Oncology</li> <li>• Endoscopy</li> </ul>	4
<b>Surgery</b>	<b>Fundamental Principles of Surgery</b>	<ul style="list-style-type: none"> <li>• History of Surgery</li> <li>• Preparing a patient for surgery</li> <li>• Sterilization and infection prevention practices.</li> <li>• Principles of operative surgery: asepsis, sterilization and antiseptics</li> <li>• Surgical infections and antibiotics.</li> <li>• Basic principles of anesthesia and pain management.</li> <li>• Acute life support and critical care.</li> <li>• Pathophysiology and management of shock.</li> </ul>	13 (Preferably equal/significant weightage shall be given to all sub-topics)

*Deis Baskin*  
24.5.24

		<ul style="list-style-type: none"> <li>• Fluids and electrolyte balance/acid base metabolism.</li> <li>• Haemostasis, blood transfusion.</li> <li>• Trauma: assessment of polytrauma, triage, basic and advanced trauma.</li> <li>• Wound healing and wound management.</li> <li>• Nutrition and metabolism</li> <li>• Principles of surgical oncology.</li> <li>• Principles of laparoscopy and endoscopy</li> <li>• Informed consent and medico legal issues.</li> <li>• Operative procedures for common surgical manifestations e.g. cysts, sinuses, fistula, abscess, nodules, basic plastic and reconstructive surgery.</li> </ul>	
	<b>Common Surgical Skills</b>	<p>Incision of skin and subcutaneous tissue:</p> <ul style="list-style-type: none"> <li>• Langer's lines</li> <li>• Healing mechanism</li> <li>• Choice of instrument</li> <li>• Safe practice</li> <li>• ability to use scalpel, diathermy and scissors.</li> </ul> <p>Closure of skin and subcutaneous tissue:</p> <ul style="list-style-type: none"> <li>• Options for closure</li> <li>• Suture and needle choice</li> <li>• Safe practice</li> <li>• Accurate and tension apposition of wound edges.</li> </ul> <p>Knot typing:</p> <ul style="list-style-type: none"> <li>• Choice of material</li> <li>• Single handed</li> <li>• Double handed</li> <li>• Superficial</li> <li>• Deep</li> </ul>	20 (Preferably equal/significant weightage shall be given to all sub-topics)

*Alexis Baker*  
24.5.24

		<p>Tissue retraction:</p> <ul style="list-style-type: none"> <li>• Choice of instruments</li> <li>• Placement of wound retractors</li> </ul> <p>retractors</p> <ul style="list-style-type: none"> <li>• Tissue forceps</li> </ul> <p>Use of drains:</p> <ul style="list-style-type: none"> <li>• Indications</li> <li>• Types</li> <li>• Insertion</li> <li>• Fixation</li> <li>• Management/removal</li> </ul> <p>Haemostasis:</p> <ul style="list-style-type: none"> <li>• Control of bleeding vessel (superficial)</li> <li>• Diathermy</li> <li>• Suture ligation</li> <li>• Tie ligation</li> <li>• Clip application</li> <li>• Plan investigations</li> <li>• Clinical decision making</li> <li>• Case work up and evaluation; risk management.</li> </ul> <p>Pre-operative assessment and management</p> <ul style="list-style-type: none"> <li>• Cardiorespiratory physiology</li> <li>• Diabetes mellitus</li> <li>• Renal failure</li> <li>• Pathophysiology of blood loss</li> <li>• Risk factors for surgery</li> <li>• Principles of day surgery</li> <li>• Management of comorbidity</li> </ul> <p>Intraoperative Care:</p> <ul style="list-style-type: none"> <li>• Safety in theatre</li> <li>• Sharps safety</li> <li>• Diathermy, laser use</li> <li>• Infection risks and infection prevention practices</li> <li>• Radiation use and risks</li> <li>• Tourniquets</li> <li>• Principles of local, regional and general anaesthesia</li> </ul> <p>Post operative care:</p>	
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*Alex Bush*  
24.5.24

		<ul style="list-style-type: none"> <li>• Monitoring of postoperative patient</li> <li>• Postoperative analgesia</li> <li>• Fluid and electrolyte management</li> <li>• Detection of impending organ failure</li> <li>• Initial management of organ failure</li> <li>• Complications specific to particular operation</li> <li>• Critical care.</li> </ul> <p>Blood products:</p> <ul style="list-style-type: none"> <li>• Components of blood</li> <li>• Alternative to use of blood products</li> <li>• Management of the complications of blood product transfuse including children</li> </ul> <p>Antibiotics:</p> <ul style="list-style-type: none"> <li>• Common pathogens in surgical patients</li> <li>• Antibiotics sensitivities</li> <li>• Antibiotics side effects</li> <li>• Principles of prophylaxis and treatment.</li> </ul> <p>Safely assess the multiply injured patient:</p> <ul style="list-style-type: none"> <li>• History and examination</li> <li>• Investigation</li> <li>• Resuscitation and early management</li> <li>• Referral to appropriate surgical subspecialties.</li> </ul>	
	<p><b>Technical Skills</b></p>	<ul style="list-style-type: none"> <li>• Central venous line insertion</li> <li>• Chest drain insertion</li> <li>• Diagnostic peritoneal lavage</li> <li>• Bleeding diathesis and corrective measures, e.g. warming, packing</li> <li>• Clotting mechanism. Effect of surgery and trauma on coagulation.</li> </ul>	<p>05 (Preferably equal/significant weightage shall be given to all sub-topics)</p>

*Alexis Byston*  
24.5.24

		<ul style="list-style-type: none"> <li>• Tests for thrombophilia and other disorders of coagulation.</li> <li>• Methods of investigation for suspected thromboembolic disease.</li> <li>• Anticoagulation, heparin and warfarin</li> <li>• Role of V/Q scanning, CT angiography and thrombolysis</li> <li>• Place of pulmonary embolectomy</li> <li>• Awareness of symptoms and signs associated with pulmonary embolism and DVT.</li> <li>• Role of duplex scanning, venography and d-dimer measurement</li> <li>• Initiate and monitor treatment.</li> <li>• Steps of minor gynecological surgeries (for example dilatation and curettage, evacuation and curettage, polypectomy, Bartholin cyst/ abscess drainage and marsupialization, biopsies, episiotomy technique).</li> <li>• Principles and technique of gut repair.</li> <li>• Principles and technique of bladder repair.</li> <li>• Principles and technique of ureteric repair.</li> <li>• Types and properties with uses of different surgical sutures.</li> <li>• Types and techniques of different surgical knots with application, properties and benefits of different knots in different surgical scenarios.</li> <li>• Perineal tear repair.</li> </ul>	
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*Heis Bala*  
*26.5.24*

		<ul style="list-style-type: none"> <li>• Excision of fistulas.</li> <li>• Excision of surgical site sinuses.</li> <li>• Technique for internal artery ligation.</li> </ul>	
	<b>Diagnosis and Management of Common Surgical Conditions:</b>	<ul style="list-style-type: none"> <li>• Abdominal pain</li> <li>• Vomiting</li> <li>• Trauma and shock.</li> <li>• Abdominal wall pathologies and hernias</li> <li>• Urological conditions</li> <li>• Constipation</li> <li>• Abscess</li> </ul>	02
<b>Biostatistics, Research and basic sciences</b>	<b>Biostatistics &amp; Research</b>	<ul style="list-style-type: none"> <li>• Introduction and importance</li> <li>• Sample collection method and data analysis &amp; study designs.</li> <li>• Conduction of research and its procedure details.</li> <li>• Participation in national and international research.</li> <li>• Writing a scientific paper.</li> <li>• Making a scientific presentation</li> <li>• Searching the literature.</li> </ul>	11 (Preferably equal/significant weightage shall be given to all sub-topics)

*Heis Borki*  
24.8.24



	<b>Basic Sciences</b>	<ul style="list-style-type: none"> <li>• Anatomy of abdomen and pelvis.</li> <li>• Physiology in relation to obstetrics and gynecology.</li> <li>• Pharmacology in relation to obstetrics and gynecology.</li> <li>• General principles of pharmacology.</li> <li>• General principles of pathology.</li> <li>• Pathology in relation to obstetrics and gynecology.</li> <li>• Forensic medicine in relation to obstetrics and gynecology.</li> </ul>	<b>19</b> (Preferably equal/significant weightage shall be given to all sub-topics)
			<b>Total Number 100</b>

*Heis Bahr*  
 24.5.24



**TABLE OF SPECIFICATIONS FOR TOACS OF INTERMEDIATE EXAMINATION**

Contents	No. of Toacs
<b>Obstetrics</b>	
Normal Pregnancy, Labour and Puerperium	01
Medical Complications of pregnancy, abnormal/ high risk pregnancy and puerperium.	01
<b>total</b>	<b>02</b>
<b>Gynecology</b>	
Female genital tract development problem + Amenorrhea + Gynecological Endocrinology + Endometriosis, Menstrual disorder + Disorder of early pregnancy + Infertility + Menopaus + Pelvic Floor disorder, Contraception + Gynecological Procedure	01

*Alia Aslin  
26.4.24*



	<b>Total</b>	<b>01</b>
<b>Surgery</b>		
Common Surgical Skills		01
Technical Skills		01
Surgical sutures and knots		01
Identification of sign and symptoms and management of hemorrhagic and/or autonomic shock.		01
	<b>total</b>	<b>04</b>
<b>Bio Statistics and basic and applied sciences.</b>		
Physiology and pharmacology in relevance to obstetrics and gynecology.		01
Anatomy and pathology inn relevance to obstetrics and gynecology.		01
Biostatistics and research methodology.		01
	<b>total</b>	<b>03</b>
	<b>total number of TOACS stations.</b>	<b>10</b>

*Accis Bostwa*  
*26.4.24*

