

POST-GRADUATE DEGREE (M.S.) EXAMINATION – DECEMBER 2020

Time: 3 Hours

Max. Marks: 100

GENERAL SURGERY

PAPER – II

(Head & neck, adrenal gland, breast, thorax, heart and pericardium)

Q.P. Code: 1262

Answers should be specific to the Questions asked.

Draw neat, labeled diagrams wherever necessary.

All questions are compulsory.

Question Number

Marks

LONG ESSAY QUESTIONS:

2 X 20 = 40

1. Discuss the lymphatic drainage of tongue and discuss etiopathogenesis, clinical features and management of carcinoma of tongue
2. Enumerate the classification of thyroid swellings and discuss the management of thyrotoxicosis

SHORT ESSAY QUESTIONS:

6 X 10 = 60

3. Explain Breast reconstruction
4. Describe Carotid body tumour
5. Discuss MEN syndrome II
6. Describe VATS Videoassisted Thoracoscopy surgery
7. Discuss Cardiac Tamponade
8. Explain Modified radical neck dissection

POST-GRADUATE DEGREE (M.S.) EXAMINATION – DECEMBER 2020

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Max. Marks: 100

GENERAL SURGERY

PAPER – III

(Abdomen & Laproscopic Surgery)

Q.P. Code: 1263

Answers should be specific to the Questions asked.

Draw neat, labeled diagrams wherever necessary.

All questions are compulsory.

Question Number

Marks

LONG ESSAY QUESTIONS:

2 X 20 = 40

1. A neonate is admitted with the history of not passing meconium 48 hours after birth. Briefly discuss how you will investigate and manage this patient (10+10)
2. A 70 year old man is admitted with history of difficulty in defecation and bleeding per rectum of one month duration. Briefly discuss the investigations and management of this patient (10+10)

SHORT ESSAY QUESTIONS:

6 X 10 = 60

3. Discuss Staplers in gastro intestinal surgery
4. Explain Laparoscopic Hernia Repair
5. Discuss Carcinoid tumour
6. Discuss Congenital Diaphragmatic hernia
7. Discuss Ulcerative colitis
8. Describe Mirizzi syndrome

POST-GRADUATE DEGREE (M.S.) EXAMINATION – DECEMBER 2020

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GENERAL SURGERY

PAPER – IV

(Musculo-skeletal disorders, nervous system, uro-genital disorders)

Q.P. Code: 1264

Answers should be specific to the Questions asked.
Draw neat, labeled diagrams wherever necessary.
All questions are compulsory.

Question Number

Marks

LONG ESSAY QUESTIONS:

2 X 20 = 40

1. Discuss in brief the management of a patient with fracture shaft of Femur
2. A 60 year old man presents to the out patient department with painless hematuria of 15 days duration. Briefly discuss the differential diagnosis, investigations and management of this patient (5+5+10)

SHORT ESSAY QUESTIONS:

6 X 10 = 60

3. Discuss polycystic disease of the kidney
4. Describe posterior urethral valves
5. Torsion of the testis
6. Explain No Scalpel Vasectomy
7. Discuss Sacro Coccygeal Teratoma
8. Discuss Glasgow coma scale

POST-GRADUATE DEGREE (M.S.) EXAMINATION – DECEMBER 2020

Time: 3 Hours

Max. Marks: 100

OBSTETRICS AND GYNAECOLOGY

PAPER – I

(Basic Sciences and medical genetics)

Q.P. Code: 1265

Answers should be specific to the Questions asked.

Draw neat, labeled diagrams wherever necessary.

All questions are compulsory.

Question Number	Marks
LONG ESSAY QUESTIONS:	2 X 20 = 40
1. Describe the development of placenta along with its function. What are the various umbilical cord anomalies and its clinical significance	(5+5+10)
2. What are various phases of parturition? Discuss cervical and uterine changes at the initiations of labour along with clinical significance	(5+10+5)
SHORT ESSAY QUESTIONS:	6 X 10 = 60
3. Describe the transformation zone. Discuss the clinical implications of the transformation zone	(5+5)
4. Discuss the preconceptional counseling in a patient with bad obstetric history	
5. Describe oncogenes. Discuss the various oncogenes in gynecological malignancies	(3+7)
6. Discuss the various conservative management procedures in ectopic pregnancy	
7. Describe the Quadriphasic combined oral contraceptive pills. Discuss the mechanism of action, indications and risks of the same	(3+3+2+2)
8. Discuss the various principles of reversal of female sterilization	

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OBSTETRICS AND GYNAECOLOGY

PAPER – II

(Clinical Obstetrics)

Q.P. Code: 1266

Answers should be specific to the Questions asked.

Draw neat, labeled diagrams wherever necessary.

All questions are compulsory.

Question Number

Marks

LONG ESSAY QUESTIONS:

2 X 20 = 40

1. Enumerate causes of anemia in pregnancy how will you manage Iron deficiency anemia in a patient with 34 weeks pregnancy (5+15)
2. Enumerate the conditions causing acute renal failure in obstetrics. Outline in brief its management (10+10)

SHORT ESSAY QUESTIONS:

6 X 10 = 60

3. Define shoulder dystocia. Discuss the management of shoulder dystocia (3+7)
4. Define lower uterine segment. Discuss the various clinical applications of lower uterine segment (3+7)
5. Discuss the various components of biophysical profile
6. Discuss the various risks & complications of vaginal breech delivery (5+5)
7. Discuss the management of cord prolapse
8. Define oxytocics. Enumerate its uses in pregnancy and labour (3+4+3)

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Max. Marks: 100

OBSTETRICS AND GYNAECOLOGY

PAPER – III

(Clinical Gynaecology)

Q.P. Code: 1267

Answers should be specific to the Questions asked.

Draw neat, labeled diagrams wherever necessary.

All questions are compulsory.

Question Number

Marks

LONG ESSAY QUESTIONS:

2 X 20 = 40

1. Write classification of Abnormal Uterine Bleeding (AUB). Describe pathophysiology and management of ovulatory AUB (5+5+10)
2. Describe the pathophysiology of Stress Urinary Incontinence (SUI). Discuss the treatment modalities of SUI in 50 year old women (10+10)

SHORT ESSAY QUESTIONS:

6 X 10 = 60

3. Discuss the role of Anti Mullerian hormone in infertility
4. Describe the various injectable contraceptives. Add a note on its advantages & disadvantages (5+3+2)
5. Discuss the FIGO staging of carcinoma cervix
6. Discuss the diagnosis & management of Dermoid cyst (5+5)
7. Discuss the causes of primary amenorrhea
8. Discuss the causes & management of fourth degree perineal tear (5+5)

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OBSTETRICS AND GYNAECOLOGY

PAPER – IV

(Operative obstetrics and gynaecology, newborn and social obstetrics)

Q.P. Code: 1268

Answers should be specific to the Questions asked.
Draw neat, labeled diagrams wherever necessary.
All the questions are compulsory.

Question Number	Marks
LONG ESSAY QUESTIONS:	
	2 X 20 = 40
1. What is chronic pelvic pain? How will you evaluate a case of chronic pelvic pain	(5+15)
2. Discuss the classification and management of Gestational trophoblastic neoplasia	(10+10)
SHORT ESSAY QUESTIONS:	
	6 X 10 = 60
3. Discuss the newer chemotherapy drugs in management of epithelial ovarian cancer	
4. Discuss the current clinical applications of platelet rich plasma in various gynecological disorders	
5. Discuss the role of non-invasive prenatal test in prenatal screening of aneuploidy	
6. Discuss the current scenario of surrogacy in India	
7. Mechanism of action and advantages of Antara & Chhaya	(5+5)
8. Indications and advantages of robotic surgery over laparoscopic surgery in Gynaecology	(5+5)

POST-GRADUATE DEGREE (M.S.) EXAMINATION – DECEMBER 2020

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GENERAL SURGERY

PAPER – I

(Basic Sciences)

Q.P. Code: 1261

Answers should be specific to the Questions asked.

Draw neat, labeled diagrams wherever necessary.

All questions are compulsory.

Question Number

Marks

LONG ESSAY QUESTIONS:

2 X 20 = 40

1. Classify thermal injuries. Discuss the pathophysiology of dry heat burn injury. Briefly describe the management of a patient with 40-45% burns over face, chest & upper limbs (4+6+10)
2. Discuss the causes, clinical features and investigations in an elderly patient with peripheral arterial disease of lower limb. Add a note on different methods of revascularization of lower limbs (3+5+6+6)

SHORT ESSAY QUESTIONS:

6 X 10 = 60

3. Write a brief note on universal precautions
4. What is Keloid? Summarize the differences between keloid and hypertrophic scar. Add a note on treatment of keloid (2+2+6)
5. What are the complications of blood transfusion? Describe the management of a patient who has received inadvertent mismatched blood transfusion (3+7)
6. Describe the various options available for pain management in a modern surgical hospital
7. Discuss the etiology clinical features and treatment of Deep Vein Thrombosis (DVT)
8. Write a note on surgical ethics
