

POST-GRADUATE DIPLOMA EXAMINATION – DECEMBER 2020

Time: 3 Hours

Max. Marks: 100

DIPLOMA IN CLINICAL PATHOLOGY (DCP)

PAPER – III

(*Haematology, Cytology, Clinical Pathology and Biochemistry*)

Q.P. Code: 1283

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. What are plasma cell dyscrasias? Write in detail about the pathology and differential diagnosis of multiple myeloma (5+15)
2. What are the adverse reactions to blood transfusion? Describe in detail the lab tests done in the transfusion reaction (5+15)

SHORT ESSAY QUESTIONS:

6 X 10 = 60

3. Discuss urine sediments
4. Discuss dyserythropoietic anemias
5. Discuss Microalbuminuria
6. Discuss Cytocentrifuge
7. Discuss pure red cell aplasia
8. Discuss Coomb's test

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DIPLOMA IN OBSTETRICS AND GYNAECOLOGY (D.G.O)

PAPER – I

(Basic Sciences related to Obstetrics and Gynaecology)

Q.P. Code: 1299

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 use of drugs in pregnancy and lactation with reference to the pregnancy category | (10+10) |
| 2. Discuss supports of female genital organs, pathophysiology of genital prolapse and related techniques of repair | (5+5+10) |
| SHORT ESSAY QUESTIONS: | 6 X 10 = 60 |
| 3. Discuss etiopathogenesis and diagnosis of decreased ovarian reserve | |
| 4. Discuss the biochemical changes in pregnancy & add a note on various biochemical tests | |
| 5. Discuss the basic principles of genetic counseling in obstetrics | |
| 6. Describe the role of prostaglandins in cervical ripening | |
| 7. Etiopathogenesis & management of lactation failure | |
| 8. Discuss the clinical features and diagnosis of placenta accreta spectrum | |

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DIPLOMA IN OBSTETRICS AND GYNAECOLOGY (D.G.O)

PAPER – II

(Obstetrics including social obstetrics and diseases of newborn)

Q.P. Code: 1300

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 physiology of latent phase of labour. Discuss indications of augmentation & its methods
2. Discuss diagnosis predisposing factors of management of premature rupture of membranes

SHORT ESSAY QUESTIONS:

6 X 10 = 60

3. Discuss neonatal sepsis-its diagnosis and management
4. Discuss the clinical features & management of Hyperemesis gravidarum
5. Describe the complications of medical termination of pregnancy & its management
6. Role of massive transfusion protocol in obstetrics. Describe the indications various modalities available & its complications
7. What is intrapartum fetal heart rate monitoring? Describe the different categories and its clinical implications
8. PPTCT in HIV & add a note on triple drug regimens (ART)

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DIPLOMA IN OBSTETRICS AND GYNAECOLOGY (D.G.O)

PAPER – III

(Gynecology)

Q.P. Code: 1301

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 pathophysiology & clinical presentation of a case of stress urinary incontinence and its management (5+5+10)
2. Discuss causes of primary amenorrhoea its evaluation and management (5+5+10)

SHORT ESSAY QUESTIONS:

6 X 10 = 60

3. Discuss etiopathogenesis and management of Adenomyosis
4. Describe Cervical Intraepithelial Neoplasia (CIN) and discuss the management of CIN₂ & CIN₃
5. Discuss the principles of Syndromic approach in management of STI
6. Discuss the role of HRT in management of menopausal syndrome. Add a note on its side effects
7. Describe principles of chemotherapy in gynecological malignancies and add a note on complications of chemotherapeutic agents
8. Discuss the indications for the use & advantages & disadvantages of long acting reversible contraception implants & intra uterine devices

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Time: 3 Hours

Max. Marks: 100

DIPLOMA IN CLINICAL PATHOLOGY (DCP)

PAPER – I

(General Pathology including Basic Microbiology)

Q.P. Code: 1281

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. Define embolism. Enumerate different types of emboli. Discuss etiology, pathogenesis & pathology of fat embolism (2+8+10)
2. Define inflammation. Describe briefly about the role of chemical mediators in inflammation (2+18)

SHORT ESSAY QUESTIONS:

6 X 10 = 60

3. Discuss mechanism of metastasis
4. Discuss vitamin D deficiency
5. Discuss pathogenesis of autoimmunity
6. Discuss mechanism of evolution of a granuloma
7. Discuss role of Oncoviruses in cancer
8. Discuss Toll like receptors

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Max. Marks: 100

DIPLOMA IN CLINICAL PATHOLOGY (DCP)

PAPER – II

(*Systemic Pathology*)

Q.P. Code: 1282

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. Describe the morphological changes in myocardial infarction and its laboratory diagnosis (15+5)
2. Enumerate the different histological subtypes of breast carcinoma. Discuss prognostic factors of breast carcinoma (15+5)

SHORT ESSAY QUESTIONS:

6 X 10 = 60

3. Write briefly on collection, transport and processing of CSF sample
4. Discuss Germ cell tumour of testis
5. Discuss endometrial hyperplasia's
6. Discuss etiopathogenesis of gall stones
7. Discuss cystic diseases of kidney
8. Discuss Paraneoplastic syndromes
