

MASTER OF PHYSIOTHERAPY (MPT) DEGREE EXAMINATION
SECOND YEAR
BRANCH VI – PHYSIOTHERAPY IN OBSTETRICS AND GYNAECOLOGY
PAPER I – PHYSIOTHERAPY ASSESSMENT
(SPECIALITY – I)

Q.P. Code: 278126

Time: Three Hours

Maximum: 100 marks

Answer ALL questions in the same order.

I. Elaborate on :

	Pages (Max.)	Time (Max.)	Marks (Max.)
1. Physiological changes of pregnancy.	17	40 min.	20
2. Lymphoedema assessment.	17	40 min.	20

II. Write notes on :

1. Cognitive – behavioral therapy.	4	10 min.	6
2. Principles and rules of health care ethics.	4	10 min.	6
3. Instrument Parameters.	4	10 min.	6
4. International classification of impairment, Disability and Handicap model (ICIDH-1).	4	10 min.	6
5. Anorectal muscle assessment.	4	10 min.	6
6. Neuroendocrinology of puberty.	4	10 min.	6
7. Suspensory ligaments.	4	10 min.	6
8. Spinal head aches.	4	10 min.	6
9. Fractures in adolescents.	4	10 min.	6
10. Sexually Transmitted Infections.	4	10 min.	6

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Answer ALL questions in the same order.

I. Elaborate on :

**Pages Time Marks
(Max.) (Max.) (Max.)**

- | | | | |
|--|----|---------|----|
| 1. Discuss in detail assessment of the new born Elaborate on positioning and handling techniques of the new born. | 17 | 40 min. | 20 |
| 2. Explain in detail the prenatal and postnatal postural changes. Elaborate on the ergonomic advices regarding musculoskeletal injuries in the work place. | 17 | 40 min. | 20 |

II. Write Notes on :

- | | | | |
|--|---|---------|---|
| 1. Obesity. | 4 | 10 min. | 6 |
| 2. Grading of pelvic floor muscles. | 4 | 10 min. | 6 |
| 3. Element of documentation. | 4 | 10 min. | 6 |
| 4. Advantages of breast feeding. | 4 | 10 min. | 6 |
| 5. Importance of postnatal exercises. | 4 | 10 min. | 6 |
| 6. Carpet tunnel syndrome. | 4 | 10 min. | 6 |
| 7. Personality and coping styles. | 4 | 10 min. | 6 |
| 8. Relaxation techniques in labour pain. | 4 | 10 min. | 6 |
| 9. Post operative Hysterectomy assessment. | 4 | 10 min. | 6 |
| 10. ICF coding. | 4 | 10 min. | 6 |

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Answer All questions

I. Elaborate on:

(2 x 20 = 40)

1. Elaborate on the importance of antenatal education classes, Outline a conceptual frame work in regard to the antenatal care in each trimester.
2. Explain the role of physiotherapy in the management of mastectomy and add a note on surgical procedures and Complications.

II. Write notes on:

(10 x 6 = 60)

1. Electrotherapy modalities used in labour pain.
2. Symptomatic pelvic girdle relaxation.
3. Steps in diet Management.
4. Depression.
5. Assessment of new born.
6. Benefits of the ICIDH – 2.
7. Premenstrual syndrome & Physiotherapy Management.
8. Contraception methods.
9. Elements of evidence based practices.
10. Epidural anesthesia.

[LD 126]

OCTOBER 2013

Sub. Code: 8126

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Time: Three Hours

Maximum: 100 marks

Answer All questions

I. Elaborate on:

(2 x 20 = 40)

1. Explain the role of physiotherapy in the management of Mastectomy and add a note on surgical procedures and Complications.
2. Define diastasis recti. Describe its causes, types, testing and recommended graduated exercises.

II. Write notes on:

(10 x 6 = 60)

1. Components of ICF.
2. Pelvic Motion Training.
3. Post operative assessment of Hysterectomy.
4. Hormones and their functions in pregnancy.
5. Menopausal systemic changes.
6. Puerperium.
7. Perineal Pain.
8. Steps in diet Management.
9. Cystometry.
10. Supports of uterus.

[LE 126]

APRIL 2014

Sub. Code: 8126

**MASTER OF PHYSIOTHERAPY (MPT) DEGREE EXAMINATION
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(SPECIALITY – I)

Q.P. Code: 278126

Time: Three Hours

Maximum: 100 marks

Answer All questions

I. Elaborate on:

(2 x 20 = 40)

1. Describe the physiotherapy evaluation and treatment of stress urinary incontinence.
2. Discuss in detail assessment of the new born. Elaborate on Posting and handling techniques of the new born.

II. Write notes on:

(10 x 6 = 60)

1. Benefits of the ICIDH – 2.
2. Clinical reasoning.
3. Contraception Methods.
4. Performance based tests.
5. Epidural anesthesia.
6. Anal sphincter.
7. Principles of evidence based practice.
8. Coccydynia.
9. Benefits of Using ICF.
10. Illiotibial friction syndrome.

[LF 126]

OCTOBER 2014

Sub. Code: 8126

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Q.P. Code: 278126

Time: Three Hours

Maximum: 100 marks

Answer All questions

I. Elaborate on:

(2 x 20 = 40)

1. Explain in detail about physical and physiological changes during pregnancy.
Explain the importance of physiotherapy during this period.
2. Explain in detail about pre & post operative physiotherapy assessment for mastectomy.
Add a note on surgical procedure.

II. Write notes on:

(10 x 6 = 60)

1. Vulvodynia.
2. Systemic changes in menopause.
3. Nagi model.
4. Maternity blues.
5. Lower urinary tract dysfunction.
6. Pelvic floor assessment.
7. Ante natal education.
8. Diet for adolescence.
9. Benefits of exercise in pregnancy.
10. Diastasis of recti abdominal muscle.

[LG 126]

APRIL 2015

Sub. Code: 8126

**MASTER OF PHYSIOTHERAPY (MPT) DEGREE EXAMINATION
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Q.P. Code: 278126

Time: Three Hours

Maximum: 100 marks

Answer All questions

I. Elaborate on:

(2 x 20 = 40)

1. Discuss the preoperative and post operative assessment of a 50 years obese female patient with uterine prolapse.
2. Write in detail about the antenatal physical therapy assessment and postural management.

II. Write notes on:

(10 x 6 = 60)

1. Physiological changes in the respiratory system during pregnancy.
2. Edema of the upper limb following mastectomy.
3. Assessment of new born.
4. Symptomatic pelvic girdle relaxation.
5. Carpal tunnel syndrome.
6. Post operative hysterectomy assessment.
7. Pregnancy classes.
8. Dysmenorrhoea.
9. Idiopathic scoliosis.
10. Conventional and advanced pelvic floor muscle training.

[LI 126]

APRIL 2016

Sub. Code: 8126

**MPT DEGREE EXAMINATION
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SPECIALITY PAPER I – PHYSIOTHERAPY ASSESSMENT
BRANCH VI – PHYSIOTHERAPY IN OBSTETRICS AND GYNAECOLOGY**

Q.P. Code : 278126

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Compare and contrast the abdominal muscles of a Nulliparous and Multiparous women. Elaborate in detail on Diastasis Recti, assessment tools in relation to reliability and validity and reeducation.
2. Explain in detail about the Prenatal and Post natal Postural changes. Elaborate on the Ergonomic advices regarding Musculoskeletal injuries in the work place.

II. Write notes on:

(10 x 6 = 60)

1. Post natal assessment of the Cervical and Lumbar Spine.
2. Osteoporosis.
3. Conditioning exercise.
4. Components of ICIDH-2.
5. Electrotherapy modalities used in labor pain.
6. Steps in diet management.
7. Premenstrual syndrome and physiotherapy management.
8. Element of documentation.
9. Personality and coping styles.
10. Relaxation techniques in labor pain.

[LJ 126]

OCTOBER 2016

Sub. Code: 8126

**MPT DEGREE EXAMINATION
SECOND YEAR
SPECIALITY PAPER I – PHYSIOTHERAPY ASSESSMENT
BRANCH VI – PHYSIOTHERAPY IN OBSTETRICS AND GYNAECOLOGY**

Q.P. Code : 278126

Time : Three hours

Maximum : 100 Marks

I. Elaborate on: **(2 x 20 = 40)**

1. Describe Neural Control of Continence. Explain in detail about Urinary Incontinence, add a note on pelvic floor muscle grading system and its significance in Urinary Incontinence.
2. Explain in detail about Pre and Post Operative assessment for Gynaecological surgery.

II. Write notes on: **(10 x 6 = 60)**

1. Weight gain in pregnancy.
2. ICF coding and benefits of using ICF.
3. Dysmenorrhoea.
4. Biomechanics of the female pelvis.
5. Cystocoele.
6. Risk factors for osteoporosis and its prevention.
7. Bladder during pregnancy.
8. Puerperium.
9. Antenatal screening test.
10. Uterine ligament pain.

[LK 126]

MAY 2017

Sub. Code: 8126

**MPT DEGREE EXAMINATION
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SPECIALITY PAPER I – PHYSIOTHERAPY ASSESSMENT
BRANCH VI – PHYSIOTHERAPY IN OBSTETRICS AND GYNAECOLOGY**

Q.P. Code : 278126

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Physiotherapy assessment for Fecal Incontinence and Bowel dysfunction.
2. Routine assessment and evaluation of Postnatal problems.

II. Write notes on:

(10 x 6 = 60)

1. Biomechanics of female pelvis.
2. Physiology of ovulation and menstruation.
3. Iliotibial band (IT band) friction syndrome.
4. High risk pregnancy.
5. Cognitive Behavioral Therapy (CBT).
6. Contraception methods.
7. Infertility.
8. Methods of induction of labour.
9. Assessment of newborn.
10. Partogram.

[LL 126]

OCTOBER 2017

Sub. Code: 8126

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Q.P. Code : 278126

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Assessment of Lymphedema.
2. Physiological and endocrine changes of Menopause.

II. Write notes on:

(10 x 6 = 60)

1. Connective tissue support of the pelvic organ.
2. Factors affecting urinary control.
3. Stages of labour.
4. Anorexia nervosa.
5. Depression and Rehabilitation.
6. Principles of Evidence Based Physiotherapy practice.
7. Pregnancy tests.
8. Post natal assessment.
9. Obesity.
10. Polycystic ovarian syndrome.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[LM 126]

MAY 2018

Sub. Code: 8126

**MPT DEGREE EXAMINATION
SECOND YEAR
SPECIALITY PAPER I – PHYSIOTHERAPY ASSESSMENT
BRANCH VI – PHYSIOTHERAPY IN OBSTETRICS AND GYNAECOLOGY**

Q.P. Code : 278126

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Measurement of Pelvic floor muscle function and strength in Pelvic organ prolapse.
2. Physical and physiological changes during pregnancy.

II. Write notes on:

(10 x 6 = 60)

1. Influence of fetal weight on blood supply, posture and gait.
2. Endocrine physiology related to reproductive medicine.
3. Diet for adolescence.
4. Coping styles.
5. Examination of women in workplace.
6. Psychosexual problems of menopause.
7. Hormone replacement therapy.
8. Prevention of osteoporosis.
9. Vulvodynia.
10. Breast feeding.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[LO 126]

MAY 2019

Sub. Code: 8126

**MPT DEGREE EXAMINATION
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SPECIALITY PAPER I – PHYSIOTHERAPY ASSESSMENT**

Q.P. Code : 278126

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe in detail the evaluation of low back pain and sacroiliac joint pain during pregnancy.
2. State the abdominal muscles. What is Diastasis recti abdominis? Explain the different methods of assessing Diastasis recti abdominis.

II. Write notes on:

(10 x 6 = 60)

1. Suspensory ligaments.
2. Gestational Diabetes Mellitus.
3. Effect of labour on the pelvic floor and perineum.
4. State the criteria for diagnosing Bulimia Nervosa. Write about the sub types of Bulimia Nervosa.
5. Explain the degrees of Uterine prolapse.
6. Explain the abnormal emotional and psychological changes in the postnatal period.
7. Menopausal systemic changes.
8. Guidelines for physiotherapy documentation.
9. Explain the circumferential measurement procedure for lymphoedema.
10. Explain at least 5 side effects and complications of epidural anesthesia.
