

APRIL 2001

[KD 601]

**MASTER OF PHYSIOTHERAPY DEGREE
EXAMINATION.**

Third Semester

**Paper I — P.T. EDUCATION AND PRACTICE AND
EDUCATION TECHNOLOGY**

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

All questions carry equal marks.

1. Discuss principles and methods of physiotherapy teaching. Justify objective and subjective evaluation systems. (12 + 8)
2. Differentiate between undergraduate and post graduate P.T. programs. (20)
3. Differentiate between High and low frequency physiotherapy modalities. Discuss the rationale for use of these modalities. (8 + 12 = 20)

4. Describe P.T. Department Management (i.e. staff and resources) in a 300 bed hospital. (20)

5. Write short notes on : (4 × 5 = 20)

(a) Disability evaluation and workmans compensation.

(b) Modern day technology use in P.T. education.

(c) Justify Internal Assessments and viva-voce as tools of evaluation.

(d) Write a note on P.T. ethics in relevance to first contact, referrals and written consents for P.T. applications.

NOVEMBER 2001

[KE 601]

Sub. Code : 8001

**MASTER OF PHYSIOTHERAPY (M.P.T.) DEGREE
EXAMINATION.**

**Paper I — PHYSIOTHERAPY EDUCATION AND
PRACTICE AND EDUCATION TECHNOLOGY**

Time : Three hours

Maximum : 100 marks

1. Describe setting up a back clinic. (20)
 2. Discuss the role of reference material in teaching. (20)
 3. Discuss – Education and Research. (20)
 4. “Ethics in Physiotherapy” – Discuss. (20)
 5. Write notes on : (4 × 5 = 20)
 - (a) Keloid formation
 - (b) Low frequency currents
 - (c) S.D. Curves
 - (d) Teaching methods.
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MARCH 2002

[KG 601]

Sub. Code : 8001

**MASTER OF PHYSIOTHERAPY DEGREE
EXAMINATION.**

Second Year — New Regulation

**Paper I — P.T. EDUCATION AND PRACTICE AND
EDUCATION TECHNOLOGY**

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Enumerate the various Geriatric condition commonly dealt by physiotherapist. Explain the plan for an ideal Geriatric unit in a physiotherapy clinic. (20)
 2. How much significant is the role of a Physiotherapist as a Rehabilitation member in a plastic surgery ward? and why? (20)
 3. Explain the various philosophies of education in India in the ancient and modern era. (20)
 4. Describe curriculum programme for graduate and post graduate students of Physiotherapy. Add a note of prospect of Physiotherapy profession in India. (20)
 5. Short notes on : (4 × 5 = 20)
 - (a) Indication and contraindications of Laser
 - (b) Electrodes in SWD (Short Wave Diathermy)
 - (c) Consumer Protection Law
 - (d) Relationship of physiotherapist with patients.
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SEPTEMBER 2002

[KH 601]

Sub. Code : 8001

**MASTER OF PHYSIOTHERAPY (MPT) DEGREE
EXAMINATION.**

Second Year — New Regulations

**Paper I — P.T. EDUCATION AND PRACTICE AND
EDUCATION TECHNOLOGY**

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss planning of therapeutic gymnasium. (20)
 2. Discuss importance of licensure procedure and physical therapy practice. (20)
 3. Enumerate Aims and objectives of Indian Association of physiotherapists. (20)
 4. Discuss management of injuries to the chest wall. (20)
 5. Write notes on : (4 × 5 = 20)
 - (a) Lymphaedema
 - (b) Skin flaps
 - (c) Tendon transfers
 - (d) Ice therapy in soft tissue injury.
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APRIL 2003

[KI 601]

Sub. Code : 8201

MASTER OF PHYSIOTHERAPY (MPT) DEGREE
EXAMINATION.

Second Year — New Regulations

Paper I — P.T. EDUCATION AND PRACTICE AND
EDUCATION TECHNOLOGY

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss current trends in curriculum planning for Master's Degree in Physiotherapy? (20)
 2. Discuss Medicolegal aspects of physical therapy? (20)
 3. Discuss use of heat modalities in physical therapy. (20)
 4. Write on management of unconscious patient. (20)
 5. Write notes on : (4 × 5 = 20)
 - (a) Cryotherapy
 - (b) Soft tissue mobilization
 - (c) Keloids
 - (d) Skin graft.
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OCTOBER 2003

[KJ 601]

Sub. Code : 8201

**MASTER OF PHYSIOTHERAPY (MPT) DEGREE
EXAMINATION.**

Second Year — New Regulations

**Paper I — P.T. EDUCATION AND PRACTICE AND
EDUCATION TECHNOLOGY**

Time : Three hours

Maximum : 100 marks

**Theory : Two hours and
Forty minutes**

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

**M.C.Q. must be answered SEPARATELY on the
answer sheet provided as per the instructions on the
first page.**

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay : (2 × 15 = 30)

- 1. Describe education in India from pre-British to the present, given the current issues and trends.**
- 2. List down and discuss the principles for continuous improvement in physiotherapy practice.**

II. Short notes :

(10 × 5 = 50)

- (a) Preplacement examination.**
- (b) Concept of disability.**
- (c) Halter's traction.**
- (d) Incentive reinforcement.**
- (e) Steps in constructing a test.**
- (f) Electrotonus.**
- (g) Complications and management of Flail Chest.**
- (h) Electro diagnostic tests in Peripheral nerve injuries.**
- (i) Motivation.**
- (j) Current trends in curriculum development.**

APRIL 2004

[KK 601]

Sub. Code : 8201

**MASTER OF PHYSIOTHERAPY (M.P.T.) DEGREE
EXAMINATION.**

Second Year — New Regulations

**Paper I — P.T. EDUCATION AND PRACTICE AND
EDUCATION TECHNOLOGY**

Time : Three hours

Maximum : 100 marks

**Theory : Two hours and
forty minutes**

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

A. Essay questions : (2 × 15 = 30)

(1) Describe the functioning of institutional review board (IRB) for research in Physiotherapy.

(2) Explain computer applications for teaching physiotherapy subjects.

B. Short notes : (10 × 5 = 50)

(1) Traumatic Brain Injury (TBI) outcome assessment

(2) Philosophy of education

(3) Informed consent

(4) Physiotherapy following mastectomy

(5) Curriculum planning

(6) Classroom interaction

(7) Strategies to renew the interest of teacher

(8) Inter professional issues for physiotherapists

(9) Classifications of soft tissue injuries

(10) Areas of rehabilitation.

AUGUST 2004

[KL 601]

Sub. Code : 8201

**MASTER OF PHYSIOTHERAPY (M.P.T) DEGREE
EXAMINATION.**

Second Year

New Regulations

**Paper I — P.T. EDUCATION AND PRACTICE AND
EDUCATION TECHNOLOGY**

Time : Three hours

Maximum : 100 marks

**Theory : Two hours and
forty minutes**

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay questions : (2 × 15 = 30)

**(1) Prepare a methodology to evaluate a trainee
posted in physiotherapy department**

**(2) List down the policies and procedure that
should be complied with reference to setting up of
physiotherapy practice.**

II. Write short notes on : (10 × 5 = 50)

- (a) Team approach.**
- (b) Complications and prevention in burns.**
- (c) Vocational counselling.**
- (d) Dosimetry in therapeutic ultrasound.**
- (e) Principles and laws related to hydrotherapy.**
- (f) Current modulation.**
- (g) Cumulative evaluation.**
- (h) Cardiopulmonary resuscitation.**
- (i) Disability concept.**
- (j) Tools of health education.**

FEBRUARY 2005

[KM 601]

Sub. Code : 8201

**MASTER OF PHYSIOTHERAPY (M.P.T) DEGREE
EXAMINATION.**

Second Year

(New Regulations)

**Paper I — P.T. EDUCATION AND PRACTICE AND
EDUCATION TECHNOLOGY**

Time : Three hours

Maximum : 100 marks

**Theory : Two hours and
forty minutes**

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay questions: (2 × 15 = 30)

(1) Give a plan outlay of a physiotherapy department to be set-up in a multi-speciality tertiary level hospital.

(2) Prepare a plan for evaluating the undergraduate students of physiotherapy.

II. Short notes :

(10 × 5 = 50)

(a) Job description of a junior physiotherapist appointed in a paediatric physiotherapy unit.

(b) Medico-legal aspects in physiotherapy.

(c) Care of unconscious patient.

(d) Physiotherapy management of pressure- sores.

(e) Formal and informal education in physiotherapy course.

(f) Hospital and community areas for clinical instructions.

(g) Faculty development programs.

(h) Measurement of cognitive learning in physiotherapy.

(i) Lesson plan to teach joint mobilization for undergraduate physiotherapy students.

(j) Clinical assignments – Assessment and feedback.

[KR 601]

Sub. Code : 8201

**MASTER OF PHYSIOTHERAPY (MPT) DEGREE
EXAMINATION.**

Second Year — New Regulations

**Paper I — P.T. EDUCATION AND PRACTICE AND
EDUCATION TECHNOLOGY**

Time : Three hours

Maximum : 100 marks

**Descriptive : Two hours and
forty minutes**

Descriptive : 80 marks

Objective : Twenty minutes

Objective : 20 marks

Answer ALL questions.

I. Essay :

(1) Describe in detail about curriculum planning. Differential U.G. and P.G. physiotherapy curriculum. (20)

(2) Elaborate on ethical issues in physical therapy. (15)

(3) Plan an out patient physiotherapy department for daily census of 50. (15)

II. Short notes :

(6 × 5 = 30)

- (a) Audio visual aids
 - (b) Methods of teaching
 - (c) Management of unconscious patient
 - (d) Keloid formation
 - (e) Surgical management of burns
 - (f) Types of Evaluation.
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