



57112

**M.P.Th. (Cardiovascular and Respiratory Physiotherapy) (2012)**  
**Examination, Winter 2018**  
**APPLIED PHYSIOTHERAPEUTICS (Part – II) – II**

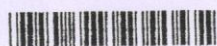
Total Duration : 3 Hours

Total Marks : 100

- Instructions :**
- 1) Use **blue/black** ball point pen only.
  - 2) **Do not** write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
  - 3) **All questions are compulsory.**
  - 4) The number to the **right** indicates **full** marks.
  - 5) Draw diagrams **wherever** necessary.
  - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
  - 7) Use a common answerbook for all sections.

1. Long answer question : (1×30=30)  
Discuss the use of knowledge of education technology in teaching students of Physiotherapy and in clinical practice. How will you choose the right teaching learning method ? Give examples in both the areas.
2. Long answer question : (1×30=30).  
Discuss various electrodiagnostic tests useful in decision making in the three main areas namely musculoskeletal, neurologic and cardiovascular Physiotherapy. Discuss the use of electrotherapeutics in cardiovascular rehabilitation.
3. Short answer question (**any four** out of five) : (4×10=40)
  - a) Explain the concept of Holistic treatment approach giving examples.
  - b) Discuss the ethical issues that may arise while practicing Physiotherapy in a private set up and the decision making in such a situation giving examples.
  - c) Importance of documentation in Physiotherapy practice.
  - d) Evaluation of disability in patients with cardiovascular and respiratory dysfunction.
  - e) Use of proprioceptive neuromuscular facilitation technique in Cardio-pulmonary physiotherapy.

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  - 7) **Use** a common answerbook for **all** Sections.

1. Long answer question : (1×30=30)  
Discuss various Quality of life scales Specific for Pulmonary diseases.
  2. Long answer question : (1×30=30)  
Discuss various teaching learning methods emphasising on how to make learning interactive. Write a note on OSCE.
  3. Short answer question (**any four** out of five) : (4×10=40)
    - a) Role of Ethics in Physiotherapy clinical practice .
    - b) PNF techniques for improving chest Expansion.
    - c) Importance of informed Consent.
    - d) Multistimulator as a diagnostic and prognostic tool.
    - e) Role of WCPT regulations in physiotherapy practice.
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  - 7) **Use** a common answerbook for **all** Sections.

1. Long answer question : (1×30=30)  
Discuss the scales for evaluation of respiratory impairment in patients with chronic respiratory disease.
  2. Long answer question : (1×30=30)  
What is the philosophy of health education ? Discuss various teaching learning methods with advantages and disadvantages of each.
  3. Short answer question (**any four** out of five) : (4×10=40)
    - a) Importance of non-verbal skills in communication.
    - b) Role of Institutional ethics committee.
    - c) Neurophysiological aspects of breathing.
    - d) Management principles in Physiotherapy practice.
    - e) Electro-diagnostic procedures informing Physiotherapy decision making.
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  - 7) Use a common answerbook for **all** Sections.

1. Long answer question : (1×30=30)  
Write in detail about the normal and abnormal changes in aged population explain benefits of endurance training in older individuals.
  2. Long answer question : (1×30=30)  
Explain Pain control with various electrotherapeutic modalities.
  3. Short answer question (**any four** out of five) : (4×10=40)
    - a) Describe various proprioceptive neuromuscular facilitation techniques used to enhance respiratory function in pulmonary conditions.
    - b) H reflex.
    - c) Role of non- governmental organizations in cancer palliative care.
    - d) Ethical principle of physiotherapy practice.
    - e) Ecg changes during anterior wall MI.
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  - 7) Use a common answerbook for **all** Sections.

1. Long answer question : (1×30=30)  
Write on advanced electrotherapeutic measures of pain control.
  2. Long answer question : (1×30=30)  
Enumerate and discuss in details various generic and disease specific Quality of life scales used for respiratory dysfunction.
  3. Short answer question (**any four** out of five) : (4×10=40)
    - a) Importance of documentation.
    - b) Indications and rationale of Respiratory PNF.
    - c) Role of Physiotherapy in cancer Palliative care.
    - d) Ethical principles of Physiotherapy practice.
    - e) Merits and demerits of audio-visual aids.
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  - 7) **Use** a common answerbook for **all** sections.

1. Long answer question : (1×30=30)  
Discuss disability assessment in both congenital and acquired respiratory affections.  
Add a note on social care of these patients.
2. Long answer question : (1×30=30)  
Discuss various electrotherapeutic methods using evidence based practice, for treatment of a non healing ulcer of arterial origin.
3. Short answer question (**any four** out of five) : (4×10=40)
  - a) Write a note on planning and organising of daily activities in a Physiotherapy OPD.
  - b) Any 2 generic scales to assess quality of life in patients suffering from pulmonary diseases.
  - c) Role of team work in clinical practice.
  - d) Discuss code of conduct for safe and ethical physiotherapy practice.
  - e) Methods to facilitate learning in the process of androgogy.