



57131

M.P.Th. (Sports Physiotherapy) (2012) Examination, Summer 2018  
APPLIED PHYSIOTHERAPEUTICS (Part – I) – I

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** Section.

1. Long answer question :

(1×30=30)

Define Fitness. Describe in detail methods to assess all aspects of fitness of an individual.

2. Long answer question :

(1×30=30)

Describe the various aspects of nutrition and fitness in children.

3. Short answer question (**any four** out of five) :

(4×10=40)

- a) Define Core Stability. Methods to improve core stability.
  - b) Critical appraisal of research article.
  - c) Intrinsic and Extrinsic factors for Sports Injury.
  - d) Correlation and Regression.
  - e) Advances in Gait Analysis.
-



57132

M.P.Th. (Sports Physiotherapy) (2012) Examination, Summer 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 different methods of teaching with their advantages and disadvantages.
  2. Long answer question : (1×30=30)  
Essential sports physiotherapy skills and the rationale for its application.
  3. Short answer question (**any four** out of five) : (4×10=40)
    - a) Explain the musculoskeletal changes during adolescence and its implications on exercise prescription.
    - b) Explain any one upper extremity specific functional outcome measure.
    - c) Discuss PWD act and its implications.
    - d) Explain types of documentation and their advantages and limitations in physiotherapy practice.
    - e) Explain the members in sports rehabilitation team and their roles and responsibilities.
-





57133

M.P.Th. (Sports Physiotherapy) (2012) Examination, Summer 2018  
ADVANCES IN SPORTS PHYSIOTHERAPY (Part – I) – III

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 composition of human body and techniques for assessing body composition.
  2. Long answer question : (1×30=30)  
Discuss pathomechanics and rehabilitation of Overuse soft tissue injuries around knee and ankle joint complex in marathon runners.
  3. Short answer question (**any four** out of five) : (4×10=40)
    - a) Discuss bio-mechanics of jumping in detail.
    - b) Write a note on protective equipments in sports.
    - c) Discuss principles of strength training.
    - d) Discuss rules, methodology, equipment and infrastructure requirement of Tennis.
    - e) Discuss psychological needs of an athlete during rehabilitation.
-





57134

**M.P.Th. (Sports Physiotherapy) (2012)**  
**Examination, Summer 2018**  
**ADVANCES IN SPORTS PHYSIOTHERAPY – (Part – II) – IV**

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)**  
Electrophysiological Agents in Sports Rehabilitation.
  2. Long answer question : **(1×30=30)**  
Sports physiotherapy management of Low Back Pain in a female Gymnast.
  3. Short answer question (**any four** out of five) : **(4×10=40)**
    - a) Pharmacological management of Sports Injuries.
    - b) Role of Proprioception and Agility Training in Sports.
    - c) Acute Management of Sports Injuries.
    - d) Travelling with a sports team.
    - e) Rationale and types of Plyometric Exercises.
-