

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH
(A DEEMED TO BE UNIVERSITY)

Time : 3 Hrs.

Pre- Ph.D Examination September-2016

[Max. Marks : 100]

Paper – I

Research Methodology & Biostatistics

QP Code – 1111

*Your answers should be specific to the questions asked.
Draw neat labelled diagrams wherever necessary.*

LONG ESSAY

10 X 10 = 100 Marks

1. Describe the procedure of performing electronic literature search (Pubmed, EMBASE, Indmed ,
Cochrane)
2. Write a brief note on Pilot study – conduct and utility.
3. Describe different types of sampling procedures.
4. Correlation and regression.
5. Describe the structure of scientific paper, abstract, title, introduction, methods, results, discussion
(IMARD) and conclusion.
6. Write brief note on: a) Plagiarism
b) Authorship guidelines.
7. Write brief note on : a) ANOVA
b) Post hoc test
8. Write brief note on: a) Blinding
b) Randomization
9. Write brief note on : a) Systematic review
b) Meta analysis
10. Discuss protocol writing.

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Time : 3 Hrs.

Pre. Ph.D. Examinations September-2016

[Max. Marks : 100]

Physiotherapy

Paper – II

Area of Specialization

Q.P Code: 5402

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY

10 X 10 = 100 Marks

1. Define post-traumatic Hyper irritability syndrome, compare and justify MFTPR and DNT?
2. Compare solid fuliform needles with Halo care Hypodermic needles in DNT in detail?
3. Efficacy of spray and stretch technique in P.A. Shoulder, write down the classical criteria for the selection of P.A. shoulder?
4. Write down the history of dry needling and role of various PT boards in dry needling?
5. Explain in detail about kinesio taping in bilateral primary O.A knee patient, Precautionary measures taken in BL O.A.knee.
6. Write down the technique of MFPR in diasastricus muscle and its home care?
7. Define electro needling? Write down with briefly with example?
8. Medical and surgical treatment of osteo arthritis of knee.
9. Pathomechanics of knee joint.
10. Anatomy of hip joint.

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