



All India Paramedical Faculty

Syllabus for courses

DIPLOMA IN PHYSIOTHERAPY -105

DURATION - 02 YEARS

SYLLABUS

FIRST YEAR

TOPICS ---1. Introduction to Physiotherapy 2. Anatomy 3. Physiology 4. Elementary Nursing 5. Elementary Biochemistry, Pathology and Microbiology 6. Hygiene and Sanitation 7. Nutrition and dietics 8. Biomedical Waste Management 9. First Aid 10. Disaster Management 11. Anatomy and physiology as relevant to physiotherapy 12. Medical and Surgical Nursing 13. Elementary Pharmacology 14. Human relations 15. Community Health Nursing & Communicable diseases 16. Equipment management

SECOND YEAR

TOPICS -- 1. Pathology 2. Orthopedics 3. Massage manipulation, exercises and physical drill and yoga 4. Management of Medical and Surgical Emergencies 5. Pharmacology 6. Medical Subjects 7. Elementary Physics and Minor Crafts 8. Physics of heat and heat therapy 9. Physics of light and light therapy 10. Physics of electricity and electro-therapy 11. Hydrotherapy 12. Occupational Therapy

FIRST YEAR --- 1 st PAPER			
Topics	marks		Paper duration
Anatomy & Physiology,Elementary Nursing , Elementary Biochemistry, Pathology and Microbiology Hygiene and Sanitation ,Nutrition and dietics , Biomedical Waste Management ,First Aid , Disaster Management	75	100	03 HRS
INTERNAL ASSESMENT	25		
FIRST YEAR --- 2 nd PAPER			
Topics	marks		Paper duration
Anatomy and physiology as relevant to physiotherapy , Medical and Surgical Nursing,Elementary Pharmacology,Humanrelations,CommunityHealth Nursing& Communicable diseases ,Equipment management	75	100	03 HRS
INTERNAL ASSESMENT	25		
Practical			
Anatomy & Physiology(gen and as relevant to physiotherapy) Fundamental Nursing, Medical Nursing and Surgical Nursing ,Elementary Pathology, Microbiology, and Biochemistry ,First Aid, Bandaging and Casualty Evacuation ,Medical and Physiotherapy Equipment General Biomechanics	75	100	03 HRS
INTERNAL ASSESMENT	25		

SECOND YEAR -PAPER I			
Topics	marks		Paper duration
Pathology Orthopaedics. Massage manipulation, exercises and physical drill and yoga Management of Medical and Surgical Emergencies Pharmacology Medical subjects Elementary Physics and Minor Crafts	75	100	3hours
INTERNAL ASSESMEN	25		
SECOND YEAR --- PAPER II			
Physics of heat and heat therapy, Physics of light and light therapy, Physics of electricity and electro-therapy, Hydrotherapy ,Occupational Therapy.	75	100	3hours
INTERNAL ASSESMEN	25		
Practical			
General Duties ,Massage manipulation, exercises and physical drill and yoga ,Physics of heat and heat therapy, Physics of light and light therapy, Physics of electricity and electro-therapy. Occupational Therapy. Hydrotherapy ,Activity analysis	75	100	3hours

INTERNAL ASSESMEN	25		

RECOMMENDED BOOKS

- (i) Sr. Nancy- Principles and Practice of Nursing, N.R Brothers, M.Y. Road. Indore
- (ii) Suzanne C. Smeltzer, Brenda G. Bare, Janice L. Hinkle, Kerry H. Cheever- Textbook og Medical-Surgical Nursing Vulume-1, Wolters Kluwer India Pvt. Ltd, 501-A, Devika Tower, 6, Nehru Place New Delhi-110019
- (iii) Suzanne C. Smeltzer, Brenda G. Bare, Janice L. Hinkle, Kerry H. Cheever- Textbook og Medical-Surgical Nursing Vulume-2, Wolters Kluwer India Pvt. Ltd, 501-A, Devika Tower, 6, Nehru Place New Delhi-110019
- (iv) Patricia A, Potter, RN, MSN, PhD, CMAC, FAAN, Anne Griffin Perry, RN, MSN, EdD, FAAN- Fundamentals of Nursing, Printed and bound at International Print-O-Pac-Limited C/4-11, Phase-II Extn, NOIDA-201201 (U.P)
- (v) L.C Gupta, MD,MNAMS, Abhitabh Gupta- Manual of Fist Aid,

JaypeeBorthers Medical
Publishers (PVT) LTD, B-# EMCA
House, 23/23B Ansari Road,
Daryaganj,, Post Box 7193,New
Delhi-11002

- (vi) Virendra N Shgal,
GovindSrivastava- Diagnosis and
Treatment of Common Skin
Diseases, Jaypee Brothers
Medical Publishers (P) LTD New
Delhi
- (vii) Lippincott Williams & Wilkins -
Pharmacology, A Wolters Kluwer
Company Philadelphia
- (viii) Annamma Jacob, Rekha R,
JadhavSonaliTarachand-
Pharmacology for Nurses, Jaypee
Brother Medical Publishers (P)
LTD New Delhi
- (ix) Virendra N Sehgal- Textbook of
Clinical Dermatology, Jaypee
Brother Medical Publishers (P)
LTD New Delhi
- (x) S Nambi- Psychiatry for Nurses,
Jaypee Brother Medical Publishers
(P) LTD , B-3, EMCA House,
23/23B Ansari Road. Daryaganj
Post Box 7193,New Delhi
- (xi) BT Basavanthappa- Psychiatric
Mental Health Nursing, Jaypee
Brother Medical Publishers (P)
LTD New Delhi
- (xii) Harsh Mohan - Textbook of
Pathology, Jaypee Brother Medical
Publishers (P) LTD New Delhi
T K
Indrani- Nursing Manual of
Nutrition and Therapeutic Diet,
Jaypee Brother Medical Publishers

(xiii). (P) LTD New Delhi
K Park- Preventive and Social
Medicine, M/s BanarsidasBhanot,
Publishers, 1167, Prem Nagar,
Jabalpur -482001 (India)

(xiv) RattnLallchhpujani, Rajesh Bhatia-
Microbiology for Nurses, Jaypee
Brother
