

**KMCT COLLEGE OF ALLIED HEALTH SCIENCES
MUKKOM, KOZHIKODE, KERALA.
DEPARTMENT OF PHYSIOTHERAPY.
THIRD YEAR BPT**

PHYSIOTHERAPY IN GENERAL MEDICINE & SURGERY

QUESTION BANK

LONG ESSAY

1. Define ultra violet radiation. Indications, contraindications and dangers of
2. Ultraviolet radiation (UVR) in treatment of skin conditions. Add a Brief note on
3. PUVA therapy.
4. Define leprosy; discuss the physiotherapy treatment for leprosy. Add a brief note on management and prevention of foot ulcers in leprosy.
5. Describe causes clinical features and management of chronic renal failure.
6. Explain the Physiotherapy Management of Below Knee Amputation
7. Discuss in detail the role of physiotherapy in age related diseases and disorders.
8. Mention the complications of abdominal surgery, explain post op physiotherapy management for same.
9. Role of chest physiotherapy in abdominal surgery, explain the techniques used in the same.
10. Define diabetes, explain about diabetic foot care.
11. Explain the types of skin grafts. Explain the physiotherapy management for a 17years old male, who has 60% 2nd degree burns. Add a note on possible complications associated with it.
12. Exercise prescription for a 46 years old housewife, diagnosed with non insulin dependent diabetes mellitus
13. Define ulcer. List the differences between arterial and venous ulcers. Details on its physiotherapy management.

14. Explain the physiotherapy management of osteoporosis in a geriatric patient.
15. Assessment and physiotherapy management for hypertension.
16. Detail on the evaluation and prescription of exercise. Add a detailed note on the factors affecting performance
17. A 38 years old female, has undergone lobectomy of the right upper lobe and is presently on ICD. Explain the physiotherapy assessment and management in detail. Add a note on ICD care
18. Describe in detail the management of a 55 years old diabetic female patient with left sided above knee amputation
19. Describe in detail the rehabilitation program for a 50 years old male diabetic patient undergone below knee amputation of his right leg.
20. What is caesarean section surgery. Describe in detail the pre and post-operative.
21. Discuss the physiotherapy management following above knee amputation in diabetes mellitus
22. Role of chest physiotherapy in abdominal surgery, explain the techniques used in the same.
23. Mention the PT management for a 56 years old female who has undergone radical mastectomy. Add a note on possible complications and role of physiotherapy in preventing the same.
24. Mention the musculoskeletal complications of pregnancy. Explain the PT management of any two musculoskeletal complications.
25. Explain the clinical features and physiotherapy management for hansen's disease
26. Describe the details about assessment and management of complication in above knee amputation.
27. Mention the musculoskeletal complications of pregnancy. Add a note on PT management for any 4 musculoskeletal complication.
28. Discuss with indication, the role of any 2 electrotherapy modalities used in OBG conditions.
29. Role of Physiotherapy in management of Diabetes

30. What is obesity. Describe clinical features and management of obesity.
31. . Role of Physiotherapy in management of Cancer.
32. Physiotherapy management for Burns
33. Importance of Antenatal and postnatal exercises.
34. Define leprosy, fitting and training with devices and prevention of disability.
35. Write in detail about Massage maneuvers for cosmetic purpose of skin care in anesthetic hand and foot Phantom limb pain and its management
36. Causes and management of urinary incontinence
37. Exercise prescription by FITT principle
38. Indication and procedure of faradic foot bath. Describe in detail the monitoring-apparatus in ICU and the management of patient under mechanical ventilation with tracheostomy.
39. Describe in detail the management of a 55 years old diabetic female patient with left sided above knee amputation
40. Describe in detail about the assessment and management of PVD (6+8)
41. Explain in detail about the assessment of burns and the role of physiotherapy in preventing complications in an adult case

SHORT ESSAY

1. Enumerate the physiotherapy management following peripheral vascular diseases
2. Elaborate on the physiotherapy intervention in post surgical oncology patients
3. Discuss the role of a physiotherapy in burns management
4. Detail the evaluation and prescription of exercise and the factors affecting performance.
5. Explain the physiotherapy management in geriatric patients
6. Discuss the role of a physiotherapist in a burns unit
7. Physiotherapy in wound care

8. Explain burgers exercise and its indications.
9. Explain fall prevention program
10. Explain the role of physiotherapist in nephrectomy.
11. What are the complications of radical mastectomy and explain the role of
12. physiotherapy in the management for the same.
13. Discus with indications, the role of any 2 electrotherapy modalities used in OBG conditions
14. Any two tests to assess balance
15. Therapeutic effects of Ultra violet radiation
16. Principles of exercise prescription
17. Fall prevention strategies
18. Prevention of deep vein thrombosis.
19. Physiotherapy management for Osteoporosis.
20. Define Dementia and it's PT management.
21. Grading of burns
22. Importance of breathing exercise in general surgical cases
23. Techniques of abdominal strengthening exercises.
24. UVR therapy in psoriasis
25. Physiotherapy treatment for skin care in anaesthetic foot
26. SAACH foot and Phantom pain-management
27. Precautions while treating nephrectomy patients
28. Management of cancer pain
29. Body mass index and its significance in health care
30. Importance of ante natal and post natal exercises
31. P.T. management in ulcer

32. Physiotherapy management for scar.
33. Pigmentation and its management.
34. Faradic foot bath for hyperhidrosis
35. Diastasis recti – prevention and add a note on orthosis used for it.
36. Chopart amputation – PT management.
37. Postsurgical PT management in amputation
38. Complications during labor period.
39. Symes amputation – PT management.
40. Orthosis – uses and principles.
41. PT management of incontinence.
42. Exercise prescription for radiotherapy cases

ANSWER BRIEFLY

1. Pressure sores prevention.
2. Benefits of abdominal strengthening exercises.
3. Techniques of abdominal strengthening exercises.
4. Spinal extension exercises.
5. Neck muscle strengthening exercises. Diastasis recti
6. Ante natal and post-natal exercises
7. Essential electrotherapy devices usage for wound healing
8. Mention the normal temperature, normal blood pressure, normal pulse rate and normal respiratory rate in healthy adult males.
9. Role of Physiotherapy in renal failure.
10. Scar mobilization technique
11. Post Operative PT management for Colostomy.

12. Classify severity of burns and degree of involvement.
13. Exercise prescription for geriatric population
14. Role of physiotherapy in management of diabetes Classify leprosy, write treatment of lepromatous type.
15. Postural drainage.
16. Mention complication of general anaesthesia and post-operative care of patient and physiotherapy.
17. Mention clinical features and management of osteoporosis.
18. Rule of Nine
19. TNM staging of breast cancer
20. Breathing exercises.
21. Body mass index.
22. UVR in pigmentation
23. Incisional hernia
24. Body mass index
25. Factors affecting exercise performance
26. Heart transplantation
27. Nephrectomy
28. Exercise tolerance test
29. Factors affecting exercise performance
30. Exercise prescription for children
31. Exercise for hypertension
32. Diastasis recti
33. Herniorrhaphy
34. Pleural effusion
35. Renal transplantation

36. Body composition analysis
37. Diabetic neuropathy
38. Exercise prescription for geriatric population
39. Burgers exercise
40. Preventive measures for deep vein thrombosis (DVT)
41. Rule of “9” in burns assessment for adult.
42. Note on nebulization
43. Exercise for hypertension
44. Assessment of wound.
45. Faradic foot bath
46. Physiotherapy management for psoriasis
47. Physiotherapy for diabetes mellitus
48. Home program in patient care
49. Fall prevention strategies
50. Care of anaesthetic foot.
51. Ankle brachial index
52. Homans sign.
53. Grading of odema.