

SNS COLLEGE OF PHYSIOTHERAPY
(Affiliated by the Tamil Nadu Dr. M. G. R. Medical University, Chennai.)
Saravanampatti Post, Coimbatore – 641 035, T.N



Serial Number	Types of Question	Questions	Mapping to	Bloom's Taxonomy
1	15 marks	Define Microwave Diathermy and explain its bio-physics in detail, including the principles of wave propagation and tissue interaction.	TNMGRMU (2023)	Understand
2	15 marks	Discuss the indications and contraindications of Microwave Diathermy (MWD) with examples of clinical conditions where it is beneficial or hazardous.	Manipal (2024)	Analyze
3	15 marks	Describe the production of Microwave Diathermy using Magnetron, including its components and working mechanism.	AIIMS (2022)	Understand
4	15 marks	Explain the technique of application of MWD, covering patient preparation, selection of treatment applicator, and selection of appropriate power level.	JIPMER (2021)	Apply
5	15 marks	Detail the dosage parameters, physiological effects, and therapeutic effects of Microwave Diathermy in physiotherapy practice.	TNMGRMU (2025)	Understand
6	15 marks	Elaborate on the dangers associated with Microwave Diathermy and how to mitigate them during application.	Manipal (2023)	Evaluate
7	15 marks	Compare the bio-physics of Microwave Diathermy with other high-frequency electrotherapy modalities, highlighting unique features.	AIIMS (2024)	Analyze
8	15 marks	Describe the complete process of applying MWD treatment, including patient preparation, applicator selection, power level, dosage, and post-treatment care.	JIPMER (2022)	Apply
9	15 marks	Discuss the physiological and therapeutic effects of MWD, with emphasis on its role in pain relief and tissue healing.	TNMGRMU (2024)	Understand
10	15 marks	Explain the production of MWD via Magnetron and integrate it with indications, contraindications, and potential dangers.	Manipal (2025)	Integrate
11	5 marks	Short note on the definition and basic principles of Microwave Diathermy.	AIIMS (2023)	Remember

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12	5 marks	Indications of Microwave Diathermy.	JIPMER (2020)	Remember
13	5 marks	Contraindications of MWD.	TNMGRMU (2022)	Remember
14	5 marks	Production of MWD using Magnetron.	Manipal (2021)	Understand
15	5 marks	Patient preparation for MWD application.	AIIMS (2021)	Apply
16	5 marks	Selection of treatment applicator in MWD.	JIPMER (2019)	Apply
17	5 marks	Dosage parameters in Microwave Diathermy.	TNMGRMU (2021)	Understand
18	5 marks	Physiological effects of MWD.	Manipal (2020)	Understand
19	5 marks	Therapeutic effects of Microwave Diathermy.	AIIMS (2020)	Understand
20	5 marks	Dangers associated with MWD.	JIPMER (2018)	Remember
21	2 marks	Define Microwave Diathermy.	TNMGRMU (2023)	Remember
22	2 marks	List two indications of MWD.	Manipal (2024)	Remember
23	2 marks	Name two contraindications of Microwave Diathermy.	AIIMS (2022)	Remember
24	2 marks	What is a Magnetron in MWD production?	JIPMER (2021)	Remember
25	2 marks	Steps in patient preparation for MWD.	TNMGRMU (2025)	Remember
26	2 marks	Factors for selecting power level in MWD.	Manipal (2023)	Understand
27	2 marks	What is the typical dosage for MWD?	AIIMS (2024)	Remember
28	2 marks	Mention two physiological effects of MWD.	JIPMER (2022)	Remember

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29	2 marks	State two therapeutic effects of Microwave Diathermy.	TNMGRMU (2024)	Remember
30	2 marks	List two dangers of MWD.	Manipal (2025)	Remember