

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

Sl. No.	Type of Question	Question	Mapping to (University)	Year	Bloom's Taxonomy
1	15 Marks (Essay)	Explain the principle of Short Wave Diathermy (SWD) and describe its production using an oscillator circuit with a neat diagram.	TNMGRMU	2020	Understanding
2	15 Marks (Essay)	Discuss the types of electrodes used in SWD and their advantages and disadvantages in clinical application.	Manipal	2018	Analyzing
3	15 Marks (Essay)	Elaborate on the physiological effects of SWD on tissues, including thermal and non-thermal effects.	AIIMS	2021	Understanding
4	15 Marks (Essay)	Describe the methods of application of SWD, including condenser field and induction field techniques, with examples.	JIPMER	2019	Applying
5	15 Marks (Essay)	Evaluate the therapeutic uses of pulsed SWD versus continuous SWD in musculoskeletal conditions.	TNMGRMU	2022	Evaluating
6	15 Marks (Essay)	Analyze the dangers and contraindications of SWD therapy in patients with metallic implants.	Manipal	2017	Analyzing
7	15 Marks (Essay)	Explain the dosimetry and parameters for SWD	AIIMS	2023	Understanding

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		treatment, including frequency, wavelength, and intensity control.			
8	15 Marks (Essay)	Discuss the role of SWD in pain management and tissue healing, supported by evidence-based examples.	JIPMER	2020	Applying
9	15 Marks (Essay)	Compare and contrast SWD with other high-frequency modalities like microwave diathermy.	TNMGRMU	2019	Analyzing
10	15 Marks (Essay)	Create a treatment plan using SWD for a patient with chronic low back pain, including precautions and monitoring.	Manipal	2021	Creating
11	5 Marks (Short Notes)	Write short notes on the circuit diagram of SWD machine.	AIIMS	2018	Remembering
12	5 Marks (Short Notes)	Describe the capacitive method of SWD application.	JIPMER	2022	Understanding
13	5 Marks (Short Notes)	Explain the thermal effects of SWD on muscle tissue.	TNMGRMU	2021	Understanding
14	5 Marks (Short Notes)	List and explain contraindications of SWD.	Manipal	2019	Remembering

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15	5 Marks (Short Notes)	Discuss the advantages of pulsed SWD over continuous SWD.	AIIMS	2020	Analyzing
16	5 Marks (Short Notes)	Write about the frequency and wavelength used in SWD.	JIPMER	2017	Remembering
17	5 Marks (Short Notes)	Explain the inductive coil electrode in SWD.	TNMGRMU	2023	Understanding
18	5 Marks (Short Notes)	Describe patient preparation for SWD treatment.	Manipal	2020	Applying
19	5 Marks (Short Notes)	Analyze the risks of burns in SWD therapy.	AIIMS	2019	Analyzing
20	5 Marks (Short Notes)	Note on the therapeutic indications of SWD in arthritis.	JIPMER	2021	Applying
21	2 Marks (Short Answer)	Define Short Wave Diathermy.	TNMGRMU	2018	Remembering
22	2 Marks (Short Answer)	What is the standard frequency of SWD?	Manipal	2022	Remembering
23	2 Marks (Short Answer)	Name two types of SWD electrodes.	AIIMS	2017	Remembering
24	2 Marks (Short Answer)	State one physiological effect of SWD.	JIPMER	2023	Remembering

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25	2 Marks (Short Answer)	What is pulsed SWD?	TNMGRMU	2020	Understanding
26	2 Marks (Short Answer)	Mention one contraindication of SWD.	Manipal	2019	Remembering
27	2 Marks (Short Answer)	What is the wavelength of SWD?	AIIMS	2021	Remembering
28	2 Marks (Short Answer)	Name a therapeutic use of SWD.	JIPMER	2018	Remembering
29	2 Marks (Short Answer)	What is the difference between continuous and pulsed SWD?	TNMGRMU	2022	Understanding
30	2 Marks (Short Answer)	State one danger of SWD.	Manipal	2020	Remembering