

1843 – RADIOGRAPHY EQUIPMENTS, MAINTENANCE AND QUALITY CONTROL RELATED TO X-RAY ONLY

UNIT 4

SUB TOPIC – 7 DENTAL RADIOGRAPHY

I. Elaborate on

10 MARKS

REFERENCE – THE TAMILNADU DR.M.G.R MEDICAL UNIVERSITY QUESTION PAPER

S.No	Question	Reference	Bloom's Taxonomy
1	Describe in detail, intraoral dental radiographic unit and orthopantomography x-ray unit.	February 2020	Analyze
2	Discuss in detail about the construction and working of a dental x-ray unit and write about its applications.	April 2022	Analyze
3	Describe in detail, Intraoral Dental Radiographic unit and Orthopantomography X-ray unit.	April 2023	Analyze
4	Write in detail about Dental Radiography – Equipment Basics –types of equipments- Intra oral radiography unit-orthopantomograph unit - imaging techniques- Dental films-film types and processing.	-	Analyze

II. Write notes on

5 MARKS

REFERENCE – THE TAMILNADU DR.M.G.R MEDICAL UNIVERSITY QUESTION PAPER

S.No	Question	Reference	Bloom's Taxonomy
1	Intraoral Dental X-ray unit.	August 2019	Understand
2	OPG x-ray unit.	March 2021	Understand
3	Differences between Dental and Conventional X-ray unit.	November 2023	Understand

III. WRITE SHORT NOTES ON

3 MARKS

REFERENCE – THE TAMILNADU DR.M.G.R MEDICAL UNIVERSITY QUESTION PAPER

S.No	Question	Reference	Bloom's Taxonomy
1	OPG.	August 2019	Remember
2	Dental x-ray film.	February 2020	Remember
3	Limitations of dental X-ray unit.	November 2022	Remember
4	Dental films.	November 2023	Remember
5	Type of equipment used in Dental Radiography.	April 2024	Remember

SUB TOPIC – 8 TOMOGRAPHY

I. Elaborate on

10 MARKS

REFERENCE – THE TAMILNADU DR.M.G.R MEDICAL UNIVERSITY QUESTION PAPER

S.No	Question	Reference	Bloom's Taxonomy
1	Write in detail about Tomography: Theory of tomography – multi section radiography- Tomography equipment-Basic requirements and controls, attachments. Computed tomography – Scanning principle – Reconstruction of image – storing the image – viewing the image – evaluation of the image. Types of movements and applications-Effect on image of variation in focus object distance-Object film distance, exposure angle, and tube movement pattern.	-	Analyze

II. Write notes on

5 MARKS

REFERENCE – THE TAMILNADU DR.M.G.R MEDICAL UNIVERSITY QUESTION PAPER

S.No	Question	Reference	Bloom's Taxonomy
1	Theory of conventional tomography.	February 2020	Understand
2	Theory of conventional tomography.	March 2021	Understand
3	Multisection tomography.	February 2020	Understand
4	Multisection tomography.	April 2023	Understand

III. WRITE SHORT NOTES ON

3 MARKS

REFERENCE – THE TAMILNADU DR.M.G.R MEDICAL UNIVERSITY QUESTION PAPER

S.No	Question	Reference	Bloom's Taxonomy
1	Types of tomographic movement.	March 2021	Remember
2	Factors that affect the image in tomography.	April 2022	Remember