

801847- X-RAY FLIM IMAGE PROCESSING TECHNIQUES

UNIT 8- DARKROOM

I. ELABORATE ON

10 MARKS

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

S.No	Question	Reference (Exam Year)	Bloom's Taxonomy
1	Explain in detail the design and construction of a dark room, including site selection, layout, processing area, illumination, and safe light compatibility.	August 2011	Analysis
2	Describe the layout and construction of a dark room, focusing on processing area design, safe lighting types, and film storage shelving.	February 2012	Understanding
3	Discuss the site selection and design of a dark room, including illumination requirements, entrance safe lighting, and cleaning/maintenance procedures.	August 2012	Analysis
4	Explain the construction and layout of a dark room, emphasizing the processing area, safe light compatibility, and storage shelving systems.	February 2013	Analysis
5	Describe the design features of a dark room, including site considerations, illumination, entrance safe lighting types, and maintenance routines.	August 2013	Understanding
6	Elaborate on the layout and construction of a dark room, focusing on processing area efficiency, safe light compatibility, and cleaning practices.	February 2014	Analysis
7	Discuss the site requirements and design of a dark room, including illumination standards, safe lighting types, and film storage maintenance.	August 2014	Analysis
8	Explain the layout and construction techniques for a dark room, detailing processing area setup, entrance safe lighting, and shelving care.	February 2015	Understanding
9	Describe the dark room design process, including site selection, illumination, safe light compatibility, and regular cleaning/maintenance schedules.	August 2015	Analysis
10	Discuss the construction and operational aspects of a dark room, focusing on layout, processing area, safe lighting types, and storage maintenance.	February 2016	Analysis

II. WRITE A NOTE ON

5 MARKS

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

S.No	Question	Reference (Exam Year)	Bloom's Taxonomy
1	Explain the dark room site selection.	August 2011	Understanding
2	Describe the layout of a dark room.	August 2011	Knowledge
3	What is dark room design? Explain.	August 2011	Understanding

S.No	Question	Reference (Exam Year)	Bloom's Taxonomy
4	Discuss dark room construction.	February 2012	Knowledge
5	Explain the processing area design.	February 2012	Understanding
6	Describe illumination in dark rooms.	February 2012	Understanding
7	Explain safe light compatibility.	August 2012	Understanding
8	Discuss entrance safe lighting.	August 2012	Analysis
9	What are safe light types? Explain.	February 2013	Knowledge
10	Explain film storage shelving.	February 2013	Understanding
11	Describe cleaning routines in dark rooms.	August 2013	Knowledge
12	Explain maintenance procedures.	August 2013	Understanding
13	Discuss site preparation for dark rooms.	February 2014	Analysis
14	What is the role of layout design?	February 2014	Understanding
15	Describe construction materials.	August 2014	Knowledge
16	Explain processing area efficiency.	August 2014	Understanding
17	Discuss illumination standards.	February 2015	Knowledge
18	Explain safe light installation.	February 2015	Understanding
19	Describe entrance lighting setup.	August 2015	Understanding
20	Explain storage shelving systems.	August 2015	Understanding
21	Discuss cleaning schedules.	February 2016	Knowledge
22	Explain maintenance checks.	February 2016	Understanding
23	Describe dark room ventilation.	August 2016	Knowledge
24	Explain safe light maintenance.	February 2017	Understanding
25	Discuss construction safety.	February 2018	Analysis
26	Explain site accessibility.	August 2018	Understanding
27	Describe processing area layout.	February 2019	Knowledge
28	Explain illumination control.	August 2019	Understanding
29	Discuss safe light compatibility tests.	February 2020	Analysis
30	Explain shelving maintenance.	March 2021	Understanding
31	Describe dark room cleaning methods.	April 2022	Knowledge
32	Explain entrance lighting design.	November 2022	Understanding
33	Discuss storage organization.	April 2023	Analysis
34	Explain maintenance frequency.	April 2024	Understanding
35	Describe site security measures.	August 2011	Knowledge

S.No	Question	Reference (Exam Year)	Bloom's Taxonomy
36	Explain layout optimization.	February 2012	Understanding
37	Discuss construction durability.	August 2012	Analysis
38	Explain processing area safety.	February 2013	Understanding
39	Describe illumination adjustment.	August 2013	Knowledge
40	Explain safe light placement.	February 2014	Understanding

III. WRITE SHORT NOTE ON

3 MARKS

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

S.No	Question	Reference (Exam Year)	Bloom's Taxonomy
1	Define dark room site.	August 2011	Knowledge
2	Define dark room layout.	August 2011	Knowledge
3	Define dark room design.	August 2011	Knowledge
4	Define dark room construction.	February 2012	Knowledge
5	Define processing area.	February 2012	Knowledge
6	Define illumination in dark rooms.	August 2012	Knowledge
7	Define safe light compatibility.	August 2012	Knowledge
8	Define entrance safe lighting.	February 2013	Knowledge
9	Define safe light types.	February 2013	Knowledge
10	Define film storage shelving.	August 2013	Knowledge
11	Define cleaning routine.	August 2013	Knowledge
12	Define maintenance in dark rooms.	February 2014	Knowledge
13	Define site location.	February 2014	Knowledge
14	Define layout planning.	August 2014	Knowledge
15	Define construction technique.	August 2014	Knowledge
16	Define processing efficiency.	February 2015	Knowledge
17	Define illumination level.	February 2015	Knowledge
18	Define safe light function.	August 2015	Knowledge
19	Define entrance lighting.	August 2015	Knowledge
20	Define storage system.	February 2016	Knowledge
21	Define cleaning method.	February 2016	Knowledge
22	Define maintenance schedule.	August 2016	Knowledge
23	Define ventilation system.	August 2016	Knowledge

S.No	Question	Reference (Exam Year)	Bloom's Taxonomy
24	Define safe light test.	February 2017	Knowledge
25	Define construction safety.	February 2017	Knowledge
26	Define site preparation.	February 2018	Knowledge
27	Define layout design.	February 2018	Knowledge
28	Define processing setup.	August 2018	Knowledge
29	Define illumination control.	February 2019	Knowledge
30	Define safe light placement.	February 2019	Knowledge
31	Define entrance design.	August 2019	Knowledge
32	Define storage organization.	August 2019	Knowledge
33	Define cleaning frequency.	February 2020	Knowledge
34	Define maintenance check.	February 2020	Knowledge
35	Define shelving structure.	March 2021	Knowledge
36	Define illumination adjustment.	March 2021	Knowledge
37	Define safe light maintenance.	April 2022	Knowledge
38	Define entrance security.	April 2022	Knowledge
39	Define storage capacity.	November 2022	Knowledge
40	Define cleaning standard.	November 2022	Knowledge
41	Define maintenance plan.	April 2023	Knowledge
42	Define construction material.	April 2023	Knowledge
43	Define processing area size.	April 2024	Knowledge
44	Define illumination source.	April 2024	Knowledge
45	Define safe light bulb.	August 2011	Knowledge
46	Define entrance access.	February 2012	Knowledge
47	Define storage safety.	August 2012	Knowledge
48	Define cleaning tool.	February 2013	Knowledge
49	Define maintenance tool.	August 2013	Knowledge
50	Define layout efficiency.	February 2014	Knowledge
51	Define construction durability.	August 2014	Knowledge
52	Define processing safety.	February 2015	Knowledge
53	Define illumination test.	August 2015	Knowledge
54	Define safe light filter.	February 2016	Knowledge
55	Define entrance lighting type.	August 2016	Knowledge

S.No	Question	Reference (Exam Year)	Bloom's Taxonomy
56	Define storage shelving type.	February 2017	Knowledge
57	Define cleaning agent.	February 2018	Knowledge
58	Define maintenance log.	August 2018	Knowledge
59	Define site condition.	February 2019	Knowledge
60	Define layout adjustment.	August 2019	Knowledge
61	Define processing area design.	February 2020	Knowledge
62	Define illumination intensity.	March 2021	Knowledge
63	Define safe light wavelength.	April 2022	Knowledge
64	Define entrance lock.	November 2022	Knowledge
65	Define storage durability.	April 2023	Knowledge
66	Define cleaning schedule.	April 2024	Knowledge
67	Define maintenance frequency.	August 2011	Knowledge
68	Define construction cost.	February 2012	Knowledge
69	Define processing cost.	August 2012	Knowledge
70	Define illumination cost.	February 2013	Knowledge
71	Define safe light cost.	August 2013	Knowledge
72	Define entrance cost.	February 2014	Knowledge
73	Define storage cost.	August 2014	Knowledge
74	Define cleaning cost.	February 2015	Knowledge
75	Define maintenance cost.	August 2015	Knowledge
76	Define site evaluation.	February 2016	Knowledge
77	Define layout cost.	August 2016	Knowledge
78	Define construction time.	February 2017	Knowledge
79	Define processing time.	February 2018	Knowledge
80	Define illumination time.	August 2018	Knowledge
81	Define safe light time.	February 2019	Knowledge
82	Define entrance time.	August 2019	Knowledge
83	Define storage time.	February 2020	Knowledge
84	Define cleaning time.	March 2021	Knowledge
85	Define maintenance time.	April 2022	Knowledge
86	Define site safety.	November 2022	Knowledge
87	Define layout safety.	April 2023	Knowledge

S.No	Question	Reference (Exam Year)	Bloom's Taxonomy
88	Define construction safety.	April 2024	Knowledge
89	Define processing safety.	August 2011	Knowledge
90	Define illumination safety.	February 2012	Knowledge
91	Define safe light safety.	August 2012	Knowledge
92	Define entrance safety.	February 2013	Knowledge
93	Define storage safety.	August 2013	Knowledge
94	Define cleaning safety.	February 2014	Knowledge
95	Define maintenance safety.	August 2014	Knowledge
96	Define site quality.	February 2015	Knowledge
97	Define layout quality.	August 2015	Knowledge
98	Define construction quality.	February 2016	Knowledge
99	Define processing quality.	August 2016	Knowledge
100	Define illumination quality.	February 2017	Knowledge