



**FEDERAL BOARD OF INTERMEDIATE AND
SECONDARY EDUCATION
H-8/4, ISLAMABAD**



**SCHEME OF STUDIES OF DIPLOMA OF ASSOCIATE ENGINEERING
(PETROLEUM TECHNOLOGY-1st YEAR)**

S.No	Subject Name	Theory	Practical	Total Marks
1.	Islamiyat & Pakistan Studies	50	--	50
2.	English	100	--	100
3.	Applied Mathematics-I A	75	--	75
4.	Applied Mathematics-I B	75	--	75
5.	Applied Physics	100	50	150
6.	Applied Chemistry	100	50	150
7.	Computer Applications	50	50	100
8.	Basic & Engg:Drawing	50	50	100
9.	Fundamental of Petroleum Technology	100	50	150
10.	Workshop Practice-I	50	100	150
11.	Occupational Health. Safety & Environment	100	-	100
12.	Mutal e Quran Hakim	50	--	50
	Total:	900	350	1250



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**SCHEME OF STUDIES OF DIPLOMA OF ASSOCIATE ENGINEERING
(PETROLEUM TECHNOLOGY-2nd YEAR)**

S.No	Subject Name	Theory	Practical	Total Marks
1.	Islamiyat & Pakistan Studies	50	--	50
2.	Applied Mathematics A	75	--	75
3.	Applied Mathematics B	75	--	75
4.	Business Communication	50		50
5.	Applied Electricity & Electronics	50	50	100
6.	Petroleum Geology	100	50	150
7.	Fluid Mechanics & Thermodynamics	100	50	150
8.	Petrochemicals & Industrial Stoichiometry	100	50	150
9.	Computer Application Software	50	100	150
10.	Drilling Technology	100	50	150
11.	Workshop Practice-II		50	50
	Total:	750	400	1150



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**SCHEME OF STUDIES OF DIPLOMA OF ASSOCIATE ENGINEERING
(PETROLEUM TECHNOLOGY-3rd YEAR)**

S. No	Subject Name	Theory	Practical	Total Marks
1.	Islamiyat & Pakistan Studies	50	--	50
2.	Petroleum Refining	100	50	150
3.	Well Logging and Testing	100	50	150
4.	Gas Technology	100	50	150
5.	Petroleum Production Technology	100	50	150
6.	Basic Computer in Petroleum Technology	50	100	150
7.	Fuels and Combustion	100	50	150
8.	Instrumentation and Control	100	50	150
9.	Business Management and Industrial Economics	50	-	50
	Total:	750	400	1150