

P15AU561

UNIT - IV

7 a.	What is dual fuel engine? Where does this type of engine finds application?	4
b.	With suitable diagram, explain the construction and working of dual fuel engine.	10
c.	Explain the performance of dual-fuel engines.	6
8 a.	What is multi-fuel engine? What are the ways of achieving multi-fuel operation?	6
b.	Discuss the performance of multi-fuel engine on various fuels.	6
c.	List the advantages and disadvantages of dual fuel engine over diesel engine.	8
UNIT - V		
9 a.	Discuss briefly about stratified charge and lean burn engine.	8
b.	What are advantages and disadvantages of VCR engine?	6
c.	What are the important methods of charge stratification?	6
10.	Explain the following:	
	i) CFR engine	
	ii) HCCI engines	20
	iii) Free pilton engine	
	iv) Multicycle engines	

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