

(i) air-blast CB
(ii) bulk oil CB
(iii) low oil CB
(iv) all types of CBs

PART-B		
MARKS: 46		
Question Nos.	Questions	Marks
Question no.3		
(i)	Compare between HRC fuse and a circuit breaker	3
(ii)	Define the following: a. Fusing factor b. Prospective current	3
(iii)	Define the following in the context of relays: Pick-up level and reset level	3
(iv)	Define the following terms: a) Recovery voltage b) Restriking voltage and Active Restriking voltage	3
(v)	State the Universal Torque Equation and it's representation for Over-current Relay and Impedance Relay	3
Question no.4		
(i)	List the methods used for Over-voltage Protection	4
(ii)	Describe the Lightning Phenomenon	4
(iii)	Explain Current Chopping	4
(iv)	What is arcing ground? How is it avoided?	4
Question no. 5		
(i)	Describe the protection scheme used for Parallel Feeders.	5
(ii)	Describe with a neat diagram the operation of Vacuum Circuit Breaker	5
(iii)	Explain the working principle of Differential Relay? Why is it called Percentage/Biased Differential Relay?	4+1=5