



BALUCHISTAN UNIVERSITY OF ENGINEERING AND TECHNOLOGY
KHUZDAR
DEPARTMENT OF ELECTRICAL ENGINEERING
M.E Fourth Semester Examination 2021

Department:	EED	Examination:	Mid Examination 2021
Subject:	Flexible AC Transmission	Code:	EE- 508
Max. Marks:	20	Time Allowed:	40 minutes

NOTE: ATTEMPT ALL QUESTIONS

		Marks
Question No. 1	(i) Define FACTS and its application in the field electrical power transmission lines?	04
	(ii) State and explain the main types of FACTS devices.	02
	(iii) Discuss the main objectives of FACTS devices?	04
Question No. 2	(i) Define Static Synchronous Compensator (STATCOM).	02
	(ii) Explain the mode of the operations of STATCOM.	02
	(iii) Draw the VI Characteristics Curve of STATCOM.	02
	(iv) Explain the working principle of STATCOM.	04

*******BEST OF LUCK*******