Reg. No.

B.Tech. DEGREE EXAMINATION, NOVEMBER 2022

Sixth/ Seventh Semester

		18CEO303J – MODERN T (For the candidates admitted fr							
Note:									
(i)		Part - A should be answered in OMF			IR she	et shoul	d be	han	ded
(ii)		over to hall invigilator at the end of 40 Part - B should be answered in answered							
Time:	21/2	4 Hours				Max.	Ma	rks:	75
						Marks	DI	·co	PΩ
		$PART - A (25 \times$		•		Marks	БL		10
	1	Answer ALL		1	2	1	1		
	1.	What is the length of engineer's ch		150 ft		•		-	
		(A) 100 ft (C) 1000 ft	` '	30 ft					
		(C) 1000 II	(D)	30 It					
	2.	Triangulation survey was first carr	ied out 1	by "Snell", in the year		1	1	1	
		(A) 1616		1615	_				
		(C) 1619	(D)	1620					
								,	7
	3.	The maximum triangle clousre, in				1	1	1	1
		(A) 12 sec	` ,	8 sec		*			
		(C) 3 sec	(D)	<3 sec					
	1	The length of base line in tertiary t	rianmıla	ation is		1	2	1	1
	┱.	(A) 0.5 to 3 km	_	1.5 to 5 km				*	
		(C) 5 to 15 km	. ,	10 to 50 km					
	5.	Which signal is a non-luminous sig	gnal?			1	3	1	1
		(A) Acetylene lamp	` ,	Heliotrope					
		(C) Magnesium lamp	(D)	Pole signal	-				
	_	The discharge of the miner con he d	المسم يتما	033472072190		1	3	2	1
	0.	The discharge of the river can be d (A) Geomorphic		ng surveying. Topographic					
		(C) Hydrographic	` '	EDM					
		(C) Hydrograpme	(1)	111					
	7.	The height of sounding pole is abo	out			1	2	2	1
		(A) 5-8 m	-	6-10 m					
		(C) 50 mm	(D)	80 mm					
	0	TTI	1	double of		1	2	2	1
	ð.	The sounding machine can be used	_	40 m		-			
		(A) 30 m (C) 50 m		60 m					
		(C) 50 III	(-)						

(B) 100 feet

(D) 500 feet

9. Star leather, in lead line is marked at _

(A) 50 feet (C) 2 feet

Page 1 of 3

1 2 2 1

24NF6/7/18CEO303J

≅10.	Gauge readings are obtained after (A) Compass survey (C) Sounding	(B) Chaining (D) Traversing	1	4	2	1		23. Which among the following is a aerial platform? (A) Drone (B) Crane (C) Lift (D) Satellite	5	1 ·
11.	What is the wavelength of microwav (A) 1 mm to 1 m (C) 1 m to 4 m	ve region? (B) 1 m to 12 m (D) 0.4 μm to 0.7 μm	1	2	3	1		24. The sensor that uses, own source of energy is 1 (A) Active sensor (B) Passive sensor (C) Controlled sensor (D) Uncontrolled sensor	5	1
12.	How many types of EDMs are there (A) 2 (C) 4	(B) 3 (D) 5	1	2	3	1		25. What is the time dependent resolution? (A) Spatial (B) Spectral (C) Radiometric (D) Temporal	5	1
13.	What is the range of microwave EDI (A) 50 km (C) 10 km	M? (B) 30 km (D) 100 km	1	3	3	1		PART – B (5 × 10 = 50 Marks) Answer ALL Questions Marks BL	со	РО
14.	What is the speed of GPS satellite? (A) 12,000 km/hr (C) 11,500 km/hr	(B) 15,500 km/hr	1	2	3	1		26. a. Explain various layouts of triangulation.	1	1
15.	How many satellites, are there in cor		1	3	3	1		of 2 office and empression for Eye and object correction.	1	
	(A) 28 (C) 8	(B) 32 (D) 7					ž ·	27. a. Mention the various method of plotting the sounding. (OR)	2	1
16.	The percentage of side to side lap is (A) 100 (C) 50	(B) 25	1	2	4	1		b. Discuss the locating of sounding by any two methods.		
17.	Digital photogrammetry has evolved	(D) 60	1	2	* 4	1		28. a. Discuss the various types of EDM.	3	1
	(A) 1860 (C) 1902	(B) 1890 (D) 1990						b. Write about various types of errors in GPS.		
18.	The amount of unintentional tilt in vo (A) 1°-3°	ertical photograph is (B) 2° - 5°	1	2	4	1		29. a. What are the various types of aerial photograph? Explain.	4	1
	(C) 6° - 7°	(D) 4° - 9°						b. Discuss the aerial photo interpretation keys with example.	4	1
19.	For a focal plane place, is the (A) Focal length (C) Azimuth	e reference. (B) Horizon (D) Collimation marks	1	2	4	1		30. a. Explain various segments of EMS and their application.	5	1
20.	What is the minimum angle, of tilted	photograph?	1	3	4	1		b. Discuss the various types of platforms. 10 5	5	1
	(A) 13° (C) 3°	(B) 20° (D) 13°						* * * *		
21.	The sun synchronous satellites are hat (A) 10000 km (C) 30,000 km	(B) 750-1500 km (D) 20,200 km	1	3	5	1				
22.	What is India's space agency? (A) ISRO (C) NASA	(B) IRNSS (D) NOAA	1	2	5	1	*			
2 -52										

Page 2 of 3

24NF6/7/18CEO303J

Page 3 of 3