Figure: 2

c) Explain the working principle of Permanent magnet moving coil instruments.

[2+4+4]

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784 65702 764 557 13	4.a) b)	Explain the Oraw the	e Principle	of operati	on of DC g	generator in starter and	n detail. explain its	operation	n. [5+5]	12 Linux
					OR					
異議	5.a) b)	Derive the Torque equation of DC series motor. What are the applications of DC compound motor? Explain. [5+5]								
and Mark	6.a)	A 20 KVA, 2000/200V, 50 Hz single phase transformer has HV and LV winding resistances of 5Ω and 0.001Ω respectively. The equivalent leakage reactance as referred to HV side is 30Ω . Calculate the full load and half load percentage								
Converse Angles Upon T	b)	voltage regulations of the transformer at 0.8 lagging power factor. What is synchronous impedance method? Explain. [5+5]								
	7.a)		VA, 1000/1 150W and		le phase tr					
	b)		ull load and	d half the t	full load.	SPC	PART SA	FI.	[5+5]	44) 1976 18 1977 18 19 19 19 19 19 19 19 19 19 19 19 19 19
	8.a) b)	Draw the V Explain the	EK.IANM	(%) 8×8.	200.000	220,000	ınd explair	1.	[5+3]	
-	9.a)	Derive the	expressio	n for the	average c	output volt	age of a	diode bri	dge wave	
2404	b)	rectifier. Draw the S	âit				AND AND COMMENTS OF THE PROPERTY OF THE PROPER	in the	[5+ 5]	
Minimum Professor National	10.a)	What are Explain.			er er		Dig .	node in 1	the CRT?	All Sand
	b)	Explain ab	out the free	quency me	X	using CRC	J.		[373]	•
	11.a) b)	Discuss the	Venera arabaseta, i.e. e. e. e.	3.00	CRO.	SES.	OF NOR-	ATT TO THE STATE OF THE STATE O	[7+3]	et arr
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