:=	
:=	Model Test
11.	A positively charged glass rod attracts an object then the object must be (1 marks)
	-vely charged
	O Neutral
	○ Either -vely charged or neutral
	O Magnet
12.	n drops of mercury of radius 'r' of each drop combine to form a single drop of radius R. The capacitance of bigger drop to smaller drop will be (1 marks)
	O n:1
	$\bigcirc  n^{2/3}:1$
	$\bigcirc  n^{1/3}:1$
	$\bigcirc  n^3:1$
13.	A dry cell has an emf of 1.5 V and internal resistance $0.5\Omega$ connected with a load then 1A current flows through load. The potential difference across terminal of cell is (1 marks )
	○ 1.5 V
	O 1V
	○ 0.5 V
	O 0
14.	The magnetic field due to a long straight conductor carrying current at 10 cm is 0.04 T. The magnetic field at 40 cm from conductor will be (1 marks)
	O.01 T
	O.02 T

agnets of magnetic moment M each are placed at an angle of 60° touching at same point with same pole agnetic moment will be )
ignetic moment will be
M
$\sqrt{2}M$
$\sqrt{3}M$
$\frac{M}{\sqrt{2}}$
In and $lpha$ particle are ejected into a uniform magnetic field at right angles to the direction of field with equal The ratio of radii of circular path in field will be )
l:1
2:1
1:2
$\sqrt{2}:1$
nging forward voltage in a diode from 0.5 V to 0.7 V the forward current changes by 1mA. The forward nce of diode will be ) $100\Omega$
$120\Omega$
$200\Omega$
$240\Omega$
-

\*

4-cyanobutane-2-one

19.

20.

lower melting point

AM	Test Series   EngineeringDote	
	4-cyanobutane-2-one	
	5-cyanopentane-2-one	
	4-oxo butane-5-nitrile	
Metamerism is a type of isomerism that has? (1 marks)		
	Difference in nature of carbon chain	
	Unequal distribution of carbon atom on either side of functional group	
	Difference in the position of same functional group	
	Different functional group	
In the Down's cell $CaCl_2$ is added to NaCl to actrieve which of the following (1 marks )		
	increase the solubility	
	increase the dissociation	
	increase conductivity	

Next

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