Physics	Gujranwala Board Ninth, 2	2021 Paper - 1
Time: 15 Min.	Objective Type	Marks: 12
	(Group - i)	
Note:		Alon one where The
	swers A, B, C and D to each ques think is correct, fill that circle in fro	
	n ink in the answer -book. Cutting o	
circles will result i	in zero mark in that question.	
1.1 Which one of	of the following is the smallest of	quantity?
(A) 0.01 g	B 2 mg	
© 100 u g	D 5000 ng	
2 Which of the	e following is a vector quantity?	Chickum Title
A Speed	B Distance	
© Displacem	nent D Power	
3 SI unit of mo	omentum is:	S.COM
A kgms-2	D S B Kgms ()	6700
© kgms	20 kgms²	
4 Coefficient	of friction () is equal to:	
FSR	B) FsR ²	
© Fs	\overline{D} , \overline{R}	
$\frac{\omega}{R}$	D Fs	
5 In SI, the uni	it of torque is:	
A Nm-1	B Nm	
© Nm ²	D Nm-2	
6 The value of	"g" on the surface of the Moon is	s:
A 1.6 ms-2	B 1.6 ms ⁻¹	
© 10 ms-2	D 10 ms-1	
7 Potential En	ergy (P.E.) =	
$\frac{1}{2}$ mv ²	ergy (P.E.) = Brinv2 D mgh wer is: B second	67000
2	en al Killing	
G m²gh	mgn mgn	
8 Stanit of po	wer is:	
& watt	B second	
C ms-1	D ms-2	
9 In which	of the following state mo	lecules do not
leave their	r position?	
A solid	B) liquid	
© gas	p) plasma	
	heat of water is:	
A 2100 Jkg-1	K-1 B 4200 Jkg-1 K-1	
© 1000 lkg	1 K-1 D 1420 Jko-1 K-1	S COMI
11 Linear thorn	al expansion in solids (L) =	000
A $T_o(1+\alpha\Delta I)$	B L (1-0. AT)	
10 14 1 White		
EN MODERA	$D/L_0(1+0.\Delta 1)$	
12 Rate of flow		
$\frac{T}{\Delta}$	B) Q×T	No restant

 $D) \frac{Q}{T^2}$