

Physics Group 2nd

SSC (9th) 1st Annual 2024

★★ در تہمید اور غور کیجئے

Marks:12 Time:15 Minutes Paper: I Objective (ii) Code 5 4 7 4 (iii) در وقت 15 منٹ پرچہ 5 4 7 4

فزکس

نوٹ:- ہر سوال کے پانچ جوابات A, B, C, D اور A, B, C, D دینے ہوں گے۔ صحیح جواب کی طرف سے دائیں طرف کے مطابق دائرہ لگا کر یا اس سے گزر دیتے۔ ایک سے زائد دائرہ لگانے کو غلط سمجھا جائے گا۔
 یا 2-2-2-2-2

Note:- You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill that circle in front of that question number in your answer book. Use marker or pen to fill the circles. Cutting or filling up two or more circles will result no mark.

SECTION-A سوال

Q.1	Questions / سوالات	A	B	C	D
1.	The unit of torque is:	N	N m	J	N m ²
2.	Rate of doing work is called:	تورک Force	تورک Torque	پاور Power	مومنٹم Momentum
3.	Specific heat of glass is:	840 J kg ⁻¹ K ⁻¹	845 J kg ⁻¹ K ⁻¹	850 J kg ⁻¹ K ⁻¹	900 J kg ⁻¹ K ⁻¹
4.	Orbital speed of a satellite at 'h' height from earth is equal to:	$\sqrt{g_a(R+h)}$	$\sqrt{g_a(R+h)}$	$g_a(R+h)$	$g_a(R+h)^2$
5.	Mass of earth is:	6×10 ²⁴ g	6×10 ²⁵ g	6×10 ²⁶ g	6×10 ²⁷ g
6.	In SI, the unit of stress is:	Ns	Nm ⁻²	Nm	Nm ⁻²
7.	Example of a bad conductor of heat is:	Gold	Iron	Wool	Graphite
8.	36 km h ⁻¹ is equal to:	10 m s ⁻¹	20 m s ⁻¹	30 m s ⁻¹	36 m s ⁻¹
9.	Inertia depends upon:	Force	Net force	Mass	Velocity
10.	Centripetal force is directly proportional to:	$\frac{v}{r}$	$\frac{v^2}{r}$	$\frac{v}{r^2}$	$\frac{v^2}{r^3}$
11.	Potential energy is equal to:	$\frac{1}{2}mv^2$	mv ²	mgh ²	mgh
12.	Water freezes at:	0° F	0° C	100° F	100° C

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سید علی

