

Model Paper**Physics Paper – XI**

1- ہر سوال کے سامنے چار دائرے دئے گئے ہیں، صرف صحیح جواب والا دائرہ بھریں۔

2- دائروں کو شیڈ (بھرنے) کے لئے نیلے یا کالے رنگ کا مارکر استعمال کریں۔

3- جواب میں ایک سے زائد دائرے بھرنے سے جواب غلط تصور ہوگا۔

Time Allowed: 20 Minutes**SECTION – A****Marks : 18**

1	Which of the given is least sub multiple?	<input type="radio"/> Micro	<input type="radio"/> Pico	<input type="radio"/> Femto	<input type="radio"/> Giga
2	One horse power is equal to	<input type="radio"/> 764 watts	<input type="radio"/> 756 watts	<input type="radio"/> 746 watts	<input type="radio"/> 784 watts
3	The no of significant digit in the number 0.000234 is	<input type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 7	<input type="radio"/> 2
4	The magnitude of the Resultant of two forces is F. The magnitude of each force is also F. The angle b/w the forces must be....	<input type="radio"/> 30°	<input type="radio"/> 60°	<input type="radio"/> 45°	<input type="radio"/> 120°
5	$(\hat{i} \times \hat{i}) \times \hat{k} = \dots\dots\dots$	<input type="radio"/> i	<input type="radio"/> j	<input type="radio"/> k	<input type="radio"/> 0
6	If a.b = 1, a = 2 and b = 2 then the angle b/w the two vectors is	<input type="radio"/> 45°	<input type="radio"/> 30°	<input type="radio"/> 75°	<input type="radio"/> 60°
7	If A.B = 0 then A and B vectors are	<input type="radio"/> Perpendicular	<input type="radio"/> Parallel	<input type="radio"/> Normal	<input type="radio"/> None of these
8	A force of 3N and 4N acts on a body at the same time. Which of the given forces cannot be the resultant?	<input type="radio"/> 3.5N	<input type="radio"/> 0.3N	<input type="radio"/> 4N	<input type="radio"/> 5N
9	The power output of a lamp is 6 watt. How much energy does the lamp give out in 1 minute?	<input type="radio"/> 360J	<input type="radio"/> 12J	<input type="radio"/> 120J	<input type="radio"/> 720J
10	When an electron revolves around the nucleus in a circular path, the centripetal force is provided by	<input type="radio"/> Gravitational force	<input type="radio"/> Tension	<input type="radio"/> Columbic force	<input type="radio"/> Frictional force
11	The range of projectile is same for the two angles which are mutually.....	<input type="radio"/> Orthogonal	<input type="radio"/> Supplementary	<input type="radio"/> Complementary	<input type="radio"/> None of these
12	The work done by the body will be negative if the angle b/w force and displacement is	<input type="radio"/> 0°	<input type="radio"/> Less than 90°	<input type="radio"/> Greater than 90°	<input type="radio"/> 90°
13	The horizontal component of velocity of a body at highest point during projectile motion will be	<input type="radio"/> Maximum	<input type="radio"/> Minimum	<input type="radio"/> Zero	<input type="radio"/> Remain constant
14	If a body is moving in a circle of radius r. Then the angle b/w radius and tangential velocity is	<input type="radio"/> 30°	<input type="radio"/> 45°	<input type="radio"/> 90°	<input type="radio"/> 0°
15	A truck takes 80 seconds to travel the first 80m, and another 10 sec to travel a further 70m. What is the average speed?	<input type="radio"/> 0.004 m/s	<input type="radio"/> 1.6 m/s	<input type="radio"/> 4 m/s	<input type="radio"/> 5 m/s
16	Which of the given has the same dimensions?	<input type="radio"/> Inertia & torque	<input type="radio"/> Impulse & momentum	<input type="radio"/> Stress and strain	<input type="radio"/> Both A & B
17	Maximum work can be done in the process called.....	<input type="radio"/> Isothermal	<input type="radio"/> Adiabatic	<input type="radio"/> Isobaric	<input type="radio"/> Isochoric
18	The triple point of water is	<input type="radio"/> 273.16 C	<input type="radio"/> 273.16 K	<input type="radio"/> 372 K	<input type="radio"/> 0 C