

Model Question Paper

Physics

Class: VIII going to IX

Time: 22.5 mints

Full Marks: 60

- Each question has 4 (Four) options : A, B, C and D. **One** of these four options is correct answer.
 - Correct answer : + 4, No answer : 0 and Incorrect answer : - 1
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1. Which of the following is a non-contact force?

- (A) Gravitational (B) Frictional
(C) Thrust (D) Tension

2. Pressure is exerted by

- (A) solids (B) liquids
(C) gases (D) all of the above

3. Atmospheric pressure is maximum at

- (A) mean sea level (B) at the top of Everest
(C) at outer space (D) none of the above

4. Friction on a solid does not depend on

- (A) surface characteristics (B) normal reaction to the surface
(C) area of contact (D) relative motion

5. Spring balance is used to measure

- (A) mass (B) relative density
(C) spring constant (D) weight

6. Frictional force produces

- (A) positive work (B) negative work
(C) no work (D) none of the above

7. Human hearing range is
 - (A) 15 Hz – 10 kHz
 - (B) 20 Hz – 10 kHz
 - (C) 20 Hz – 20 kHz
 - (D) 15 Hz – 20 kHz
8. Loudness of sound is proportional to
 - (A) amplitude of vibration
 - (B) square of amplitude of vibration
 - (C) square-root of amplitude of vibration
 - (D) frequency
9. Positively charged ions are called
 - (A) anions
 - (B) cations
 - (C) positrons
 - (D) none of the above
10. The instrument that detects a current and it's sense of direction is called
 - (A) Ammeter
 - (B) Voltmeter
 - (C) Galvanometer
 - (D) Potentiometer
11. The process of coating a layer of any desired metal on another metal using electric current is called
 - (A) Electroplating
 - (B) Electrolysis
 - (C) Electrorefining
 - (D) Electrophoresis
12. Electric charges are created by
 - (A) Friction
 - (B) Conduction
 - (C) Induction
 - (D) All of the above
13. The image formed by a plane mirror is
 - (A) real and upright
 - (B) virtual and upright
 - (C) real and laterally inverted
 - (D) virtual and inverted
14. Our solar system is in the following galaxy :
 - (A) Andromeda
 - (B) Whirlpool
 - (C) Cartwheel
 - (D) Milky way
15. Match the physical quantities and relevant SI unit, given in two columns:

PHYSICAL QUANTITY		SI UNIT	
A	POWER	P	Kg-wt
B	PRESSURE	Q	dynes
C	ENERGY	R	watts
D	WEIGHT	S	pascal
		T	joules

Correct Answer:

- A. A-R, B-S, C-T, D-P
- B. A-T, B-S, C-R, D-Q
- C. A-Q, B-P, C-T, D-S
- D. A-P, B-Q, C-T, D-S

