

Annual Evaluation March 2018

**SCORING KEY**

**Class VIII**

**PHYSICS**

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1	kg/m <sup>3</sup>
2	C
3	Convex
4	coulomb
5	a. 250m b. 80m c. 3.12m/s
6	1. Plant as many trees as possible 2. Ensure the silencers in vehicles work properly 3. Avoid loud speakers in public places.
7	If it is not earthed properly, the discharge may occur through the building and it gets damaged
8	Friction advantages- a, d Friction disadvantages- b, c
9	a. i) 0.5 Hz ii) 0.8 Hz b. Inversely proportional
10	a. Negative charge b. i OR ebonite rod to earth.
11	a. (Correct Figure) b. Virtual, erect and diminished.
12	Ultrasonic- above 2000Hz- Galton whistle Infrasonic – below 20Hz- earthquake waves Range of audibility- 20Hz to 20KHz- Man
13	a. Electroscope b. To identify and understand the nature of electric charge. c. (i) Positive (ii) Negative