NB: WRITE ALL YOUR ANSWERS ONLY ON THIS PAPER USING ACCEPTABLE ENGLISH
GRAMMAR AND SPELLING.

1hour

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Group B Matricule 14 P095 Date 5th December 2015

2,5 / 1) Name all the parts of an aneroid barometer the Scale, the pointer, the vacuum Cell, the levers, the Spring

0,1 / 2) This instrument is used for measuring the atmospheric pressure

3) The law of gravitation states: The attraction force which exists between two Earth's Surface is proportional to the product of their masses and inver portional to the square of their distance apart.

1,5 4) The sum of forces acting on every particle of a body appears to act (m) the center 0,1 of gravity of the _____ body.

5) If the temperature of a fixed mass of gas is constant, the volume is inversely
1 _____ Proportional _____ to the pressure.

6) Air has mass and _____ pressure.

7) Buoyancy is the existence of an upward force
1 in a liquid

appears to
8) An object put in liquid x lose an amount of _____ weight equal to the weight of the
2 volume of displaced liquid.

9) If extra pressure is put on a liquid in a confined space this extra pressure is
2 transmitted in the whole liquid

0,1 / 10) This is the principle on which the Hydraulic press will work.

11) Give this information all in word; gold density 19.3g/cm³ the density of gold
1,5 / is nineteen point three grams per cubic centimetre

12) If forces together hold a body at rest, the resultant is Zero and the body is in
2 equilib

13) Give the past tense form of hold: held , show Showed , find found
know Kn: keep Kept spread Spread
2 feed feed freeze freezed froze