

BOARD OF INTERMEDIATE EDUCATION, KARACHI
INTERMEDIATE EXAMINATION, 2016 (ANNUAL)

Date: 16.05.2016
9:30 a.m. to 9:45 a.m.

PHYSICS (THEORY)
(Home Economics Group)

Max. Marks: 07
Time: 15 minutes

The correct answers are highlighted in red colour.

SECTION ‘A’
(MULTIPLE CHOICE QUESTIONS) – (M.C.Qs.)

Code No:HPH-10

Write this Code No. in Answerscript.

- NOTE:**
- i) This section consists of 14 part questions and all are to be answered. Each question carries ½ mark.
 - ii) Do not copy the part question in your answerscript. Write only the answer in full against the proper number of the question and its part.
 - iii) The Code of your question paper must be mentioned in bold letters in the beginning of your answerscript.

1. Choose the correct answer for each from the given options:

- i) This is a simple machine:
* sewing machine * petrol engine * washing machine* **pulley**
- ii) The ratio of the density of a material to the density of water is called:
* **specific gravity** * density * viscosity * surface tension
- iii) Plug fuses have capacity up to:
* **30 amperes** * 50 amperes * 70 amperes * 90 amperes
- iv) Transformer is used in:
* **adapter** * rheostat * ammeter * voltmeter
- v) This color has the longest wavelength:
* yellow * green * **red** * violet
- vi) Physical balance is used to measure:
* temperature * **mass** * volume * acceleration
- vii) One Kilogram is equal to:
* 2.0 pounds * **2.2 pounds** * 3.2 pounds * 4.0 pounds
- viii) Door is an example of:
* **lever** * pulley * inclined plane * screw
- ix) Calorie is the unit of:
* **heat** * distance * power * work
- x) Sound waves are:
* **longitudinal** * transverse * standing * ultrasonic
- xi) The freezing point of water is:
* **0° C** * 32° C * 100° C * 273° C
- xii) The change of liquid into vapours without being boiled is called:
* conduction * convection * radiation * **evaporation**
- xiii) Commercial unit of electrical energy is:
* ohm * volt * ampere * **kilowatt-hour**
- xiv) Sound waves cannot travel in:
* solid * liquid * gas * **vacuum**

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