

2nd INTERIM TEST, 2022 -2023

CLASS 7

TIME : 40 MIN.

PHYSICS

MARKS 20.

Q1 Fill in the blanks

(5×1=5)

- i) A rainbow is always formed in the direction opposite to the position of the ...
- ii) Incident ray, reflected ray and normal all lies in the
- iii) We getenergy from the burning of fuels like coal kerosene and petrol.
- iv)..... work is done if there is no displacement.
- v)An..... convert electrical energy into heat energy.

Q.2 Define the terms

(1×5=5)

Complementary colours, Energy converters, Colour subtraction, Gravitational potential energy, Chemical energy.

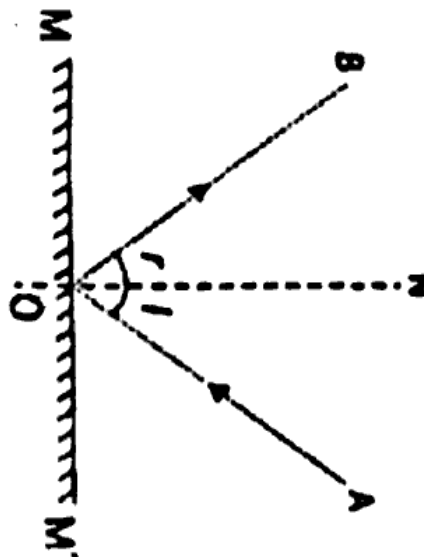
Q.3 Write T for true and F for false statement and correct statement. (5×1=5)

- i) Red and blue light combine to form yellow colour light.
- ii) The energy of a body due to its motion is called kinetic energy.
- iii) If the mass of the object is doubled its kinetic energy increases by four times.
- iv) The image formed by plane mirror is diminished.
- v) The stressed rubber band possesses gravitational potential energy.

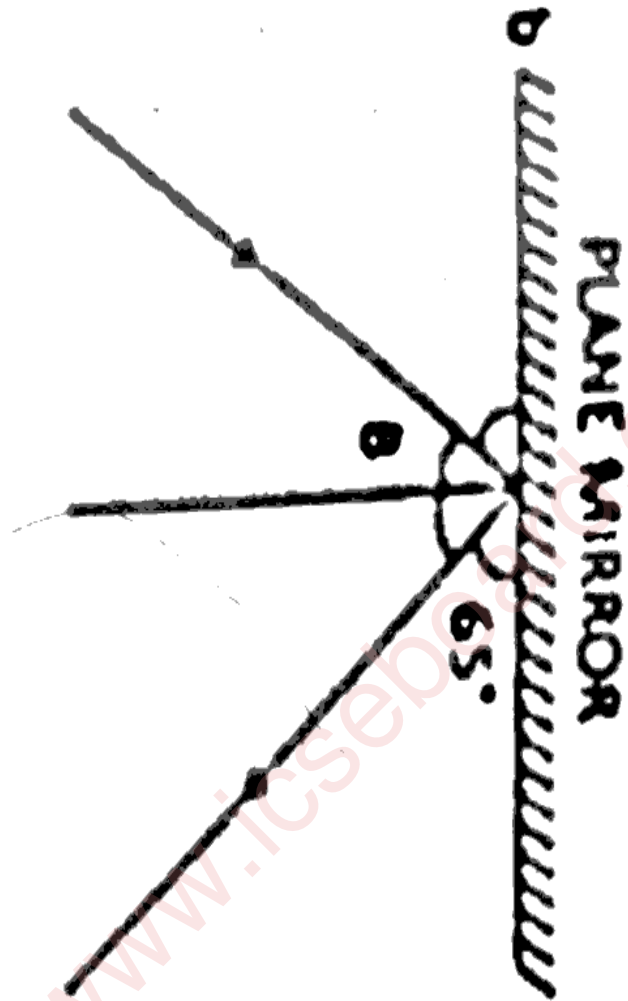
Q4 Answer the following question

(1×5=5)

- i) A force of 15 N when applied to a body this places it 5.2 M find the amount of work done.
- ii) Look at the picture and name the following
Angle BON, Angle AON, ON, Ray OB



05 Find the angle B.



iii) What are the uses of plane mirror (Any two)

iv) What is the law of reflection of light?

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