

XI Physics Worksheet

Time: 30 min

Chapter#1 : Physical World-02

Full Marks: 20

Instructions:

1. All questions are compulsory.
2. Please give the explanation for the answer where applicable.

Q1 - What is physics?

(2 Marks)

Q2 - Technology is related to physics? Comment on this.

(2 Marks)

Q3 - State various types of forces in nature.

(2 Marks)

Q4 - Name four physical devices widely used in medical diagnosis.

(2 Marks)

Q5 - Name a few war time applications of physics?

(2 Marks)

Q6 - Name a few maritime applications of physics?

(2 Marks)

Q7 - Why do we call physics as an exact science?

(2 Marks)

Q8 - Who proposed the wave theory of light?

(1 Mark)

Q9 - Who discovered nuclear forces?

(1 Mark)

Q10 - Name the scientist whose field of work was elasticity.

(1 Mark)

Q11 - Name the device which is based on amplification of light by population inversion

(1 Mark)

Q12 - Who discovered the phenomenon of neutron induced fission of uranium

(1 Mark)

Q13 - Name the branch of science which deals with study of earth.

(1 Mark)