

XI Physics Worksheet

Time: 30 min

Chapter #1 : Physical World-01

Full Marks: 20

Instructions:

1. All questions are compulsory.

2. Please give the explanation for the answer where applicable.

Q1 - How physics is related to society?

(2 Marks)

Q2 - State various types of forces in nature.

(2 Marks)

Q3 - Name four physical devices widely used in medical diagnosis.

(2 Marks)

Q4 - Define technology.

(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 - Name some German Physicists with their contribution.

(2 Marks)

Q9 - Who proposed the wave theory of light?

(1 Mark)

Q10 - Name the device which is based on amplification of light by population inversion

(1 Mark)

Q11 - How elastic spring forces arise?

(1 Mark)

Q12 - On which scientific principle does optical fibres work?

(1 Mark)