

AFGJI  
PHYSICS    ASSIGNMENT  
CLASS   XI

1. State one example each where physics is used in the study of following subjects-

(a) Geography, (b) Meteorology, (c) Cooking, (d) Dance

2. Name any two scientists from following branches of Physics-

(a) Mechanics, (b) Optics (light), (c) Electricity, (d) Atomic Physics

3. Name two Indian born Physicists who received Nobel Prize.

4. Name a family which received 5 Nobel Prizes. (4 in Physics and 1 in Chemistry)

5. Name Indian scientist –

(a) Who is a pioneer of atomic energy programme of India.

(b) A small particle is named after him.

(c) Whose name is associated with an ionization formula.

(d) Whose name is associated with a limit. (used to determine the last days of a star in its life cycle)

(e) Who is a pioneer of Indian space research programme.

6. List the basic forces of nature. Where and when can they be observed? What is the order of magnitude? What is the range of these forces?