



KENDRIYA VIDYALAYA – KHAMMAM
FA – I (2016-17)

Class : IX
Subject: SCIENCE

Max Marks:- 40
Time:- 90 Mins.

Physics

III Answer the Following Questions

1. What does the odometer of an automobile measure? (1m)
2. A trolley while going down an inclined plane has an acceleration of 2 cms^{-2} . What will be its velocity 3s after the start?(2m)
3. Derive $S = ut + \frac{1}{2} at^2$? (3m)
4. Describe uniform circular motion with two examples. (3m)
5. Define the following and give their S.I units (5m)
(a) Distance (b) Displacement (c) speed (d) velocity (e) Acceleration

CHEMISTRY

II Answer the Following Questions

1. Define sublimation? 1m
2. Write the full form of (a) LPG (b)CNG 2m
3. Convert the following temperatures to Celsius scale 2m
a) 300K b) 573K
4. What is evaporation? State the factors on which the rate of evaporation depends. 3m
5. Describe the properties of solids, liquids and gasses? 5m

BIOLOGY

I. Answer the Following Questions

1. What is white revolution? (1m)
2. What factors may be responsible for losses of grains during storage? (2m)
3. What products are obtained from beekeeping? (2m)
4. What are the advantages of inter cropping and crop rotation? (3m)
5. Which factors influence the production of good quality of milk? (5m)

(OR)

Write a brief account of cattle farming.