

V.P. & R.P.T.P. SCIENCE COLLEGE, VALLABH VIDYANAGAR

B.Sc. (Semester-IV)

Applied Chemistry (US04CCHE02)

Date: 10-03-2017

Internal test-March,2017

Marks:25

Friday

Time: 3.00pm to 4.30pm

Q-1 Chose the correct option from the following:

(3)

(1) Which of the following is known as Vitamin E ?

(a) Retinol (b) Ergosterol (c) Tocopherol (d) None of these

(2) Which one is a classic example of complete fertilizer?

(a) Chile Saltpetre (b) Urea (c) Guano (d) Triple super phosphate

(3) Calcinated gypsum is known as _____

(a) Cement (b) Limestone (c) Plaster of Paris (d) Concrete

Q-2 Answer the following short questions: (Any two)

(4)

(a) Write the characteristics of Scurvy ?

(b) What are the sources of natural organic fertilizers ?

(c) Describe the hardening of Plaster of Paris.



Q-3 Write chemistry and deficiency symptoms of Vitamin A.

(6)

OR

Q-3 Discuss biochemical function of Vitamin D and justify that it is a hormone and not a vitamin. (6)

Q-4 Write the classifications of fertilizer and manufacturing process of CaCN_2 . (6)

OR

Q-4 Give the classification of plant nutrients and discuss basic raw material and manufacturing process of normal super phosphate. (6)

Q-5 Discuss basic raw material and manufacturing process of Portland Cement. (6)

OR

Q-5 Describe basic raw material and manufacturing process of Lime. (6)

All the best