Q.1)If the range of a function is a singleton set, then it is

\*a)a constant function

b) an identity function

c) objective function

d) an one-one function

Q.2)A solid having six equal square faces is called a

\*a) cube

b) cuboid

c) square

d) rectangle

Q.3)Why tungsten is used in Bulbs?

a) Natural Source of Light

b) Easy to Bend

\*c) Melting point is high

d) It absorbs heat

Q.4)Which of the following is/are corect?

I. Conjugate acid of NH3 is NH2

II. Conjugate base of HN3 is N3

III. HCO-3 can act both Bronsted acid and Bronsted base

a) I and II

\*b) II and III

c) I and III

d) I, II and III

Q.5)Identify the most suitable biofertilizer for casuarina cultivation

a) Rhizobium

\*b) Frankia

c) Azolla

d) Azospirillum

Q.6)Simplify:

a)

b)

c)

\*d) none of these

Q.7)The next Olympic Games is to be held at \_\_\_ in 2020.

a) London

b) Singapore

\*c) Tokyo

d) Berlin