03.01.19   TT – English

STD: IX   Marks:25

I. Answer the following: 5x2=10

1. Where did the snake hide and how?

2. What does the poet wish for the snake?

3. What is the snake trying to escape from?

4. Where was the snake before anyone saw it and chased it away?

5. Why does the poet want the snake to be spred?

II. Explain with reference to the context: 5x1=5

     He glides through the water away

     from the stoke. O let him go

     over the water

     into the reeds to hide.

     without hurt.

1. Name the poem and the poet.

2. Who does 'he' refer to?

3. Where does he hide?

4. What does he glides away from?

5. What does the poet wishes for the snake?

III. Error correction: 5x1=5

     Ethiopia was a landlocked country in a) ----------- --------------

     an northeast African region known   b) ---------- --------------

     as the Horn of Africa. Some on the   c) ---------- --------------

     highest, and more stunning places   d) --------- -------------

     on the African continent are find here e) ----------- -------------

IV. Fill in the blanks: 5x1=5

a) ----------- centuries lemon has been used for b) -------- healing
properties. It acts c) ------------ a blood purifier d) --------- helps the
body to get rid e) -------- toxins.

a) (i) In   (ii) Of   (iii) For   (iv) As

b) (i) Its   (ii) His   (iii) Their   (iv) It's

c) (i) In   (ii) As   (iii) For   (iv) With

d) (i) And   (ii) But   (iii) Because (iv) As

e) (i) On   (ii) Up   (iii) In   (iv) Of

03.01.20   TT – Physics

STD: IX   Marks:25

I. Answer in brief: 3x5=15

1. A porter lifts a luggage of 15kg from the ground and puts it on his head 1.5m above the ground. Calculate the work done by him on the luggage.

2. An object of mass 15kg is moving with a uniform velocity of 4 m/s. What is the Kinetic energy possessed by the object?

3. Define 1J of work.

4. i) A force of 5N is acting on an object. The object is displaced through 2m in the direction of the force. If the force acts on the object all through the displacement "then what is the work done in this case.

   ii) A force of 7N acts on an object. The displacement is say 8m in the direction of force. What is the work done in this case.

5. Look at the activities listed below:

Reason out whether or not work is done in the light of your understanding of the term work

a)Suma is swimming in a pond.

b)A wind mill is lifting water from a well

c)An engine is pulling a train.

II. Detail: 5x1=5

1. What is the work to be done to increase the velocity of a car from $30Kmh^{-1}$ to $60Kmh^{-1}$ of the mass of the car is 1500Kg?

III. Answer the following: 5x1=5

1. When do we say that work is done?

2. Write an expression for the work done when a force is acting on an object in the direction of its displacement.

3. The SI unit of work done is -------------

4. Write the expression for kinetic energy --------

5. Work done on an object by a force would be zero if the displacement of the object is ----------------