NOTE:- These assignments are to be done in separate answer sheets and submitted to the subject teachers on the first day when the school reopens.

## ENGLISH LANGUAGE

Q.1 Do as directed:-

1) She bought a pair of spectacles. She could read from the blackboard clearly. (Join using subordinating conjunction)
2) They have been waiting morning. (Add preposition wherever required)
3) One should be respectful on our teacher. (Rewrite by correcting the statement)
4) Let us sit in the sun. (Add appropriate question tag)
5) Who prepared the biryani? (Change it from active to passive voice)

Q.2 Given below are facts about the life and achievements of Sachin Tendulkar, the renowned cricketer whose fan following is huge. He is worshipped by cricket lovers all over the world and contributed greatly to India's victory in the World Cup in 2011. Use these facts to write a biographical sketch of Sachin Tendulkar.

| Questions | Information |
| --- | --- |
| When and where born? | 24 April 1973, in Mumbai |
| Full name | Sachin Ramesh Tendulkar |
| Father | Ramesh Tendulkar |
| Education | Studied at Shardashram Vidya Mandir in Mumbai |
| Important facts | Was given his first bat when he was 11 years old, began cricketing career under his coach Ramakant Achrekar, a right-hand batsman, the youngest test cricketer to make his debut against Pakistan in Karachi in 1989, has shown best batting performances while playing against Australia, Pakistan, England, South Africa and other teams |
| Personal life | In 1995, married Anjali, a doctor, has two children Sara and Arjun |
| Achievement | He was the tournament's top scorer though India could not win the World Cup 1996. In 2003 World Cup, he helped his team advance greatly, though India was defeated by Australia. He was named the Man of the Tournament. He performed exceedingly well to help India win the World Cup 2011 |
| Awards | 1997 – Rajiv Gandhi Khel Ratna<br>1997 – The Cricket Magazine wisden named him the cricketer of the Year Indian government has awarded him the Padma Vibhushan, the Padma Shri, the Arjuna Award and the Bharat Ratna. |
| Interesting facts | Often likened to Australia's Don Bradman for his single-minded dedication for scoring runs and the certainly of his strokeplay of both front and backfoot. |
| Other important facts | Tendulkar now sponsors 200 underprivileged children every year through a Mumbai based NGO. |

Q.3    Write a letter to the secretary of your Housing Society welfare Organisation requesting him to grant permission for use of music system in the common area of the colony for a birthday party.

Q.4    Read the passage carefully and answer the questions that follows:-

At a casual glance no one would think that the two animals were even remotely related. The blackfooted mongoose, although still only a baby, measured two feet in length and stood about eight inches in height. She had a blunt, rather dog-like face with dark, round and somewhat protuberant eyes. Her body, head and tail were a rich creamy-white, while her slender legs were a rich brown that was almost black. She was sleek, sinuous and svelte and reminded me of a soft-skinned Parisiene belle-amie clad in nothing more than two pairs of black silk stockings. In contrast, the pigmy mongoose looked anything but Parisienne. It measured, including tail, about ten inches in length. It had a tiny, sharply pointed face with a small, circular pink nose and a pair of small, glittering, sherry-coloured eyes. The fur, which was rather long and thick, was a deep chocolate brown with a faint ginger tinge here and there.

Ticky, who was very much the grande dame, peered out of her cage at the newcomer with something akin to horror on her face, watching it fascinated as it shrieked and grumbled over its meat. Ticky was herself a very dainty and fastidious feeder and would never have dreamt of behaving in this uncouth way, yelling and screaming with your mouth full and generally carrying on as though you had never had a square meal in your life. She watched the pigmy for a moment or so and then gave a sniff of scorn, turned round elegantly two or three times and then lay down and went to sleep.

   a) Find words from the passage which mean the same as the words given below.
      (SYNONYMS)
   a) Distantly     _____
   b) sparkling     _____
   c) Fear          _____
   d) Delicate      _____

B) Answer the following:-
   a) What was the length of the black-footed mongoose? Describe her face.
   b) State any two qualities of Ticky.
   c) What was Ticky's reaction when see saw the newcomers?

## ENGLISH LITERATURE

Q.1    Write the summary of the chapter 'The Tempest' use these guidelines. Prospero – beautiful daughter – Miranda – lonely island – sweet angel Ariel – Faithful servant Gouzalo – brought enemies together – at his mercy- happy ending.

Q.2    Write the meaning of the following words using dictionary and use the words in a sentence.
   a) intruder        b) conspiracy        c) grimly
   d) Flabbergasted   e) whimsical

Q.3    Describe the Amul advertising campaign. What is its significance.
   a) Use pictures
   b) Products of Amul (mention their names)

c) Mention why it is liked by almost all the age groups.

Q.4 How would you distinguish between a true friend and Flatterer. Use these points.
   a) Your idea of a true friend.
   b) Symptoms of a Flatterer.
   c) A friend in need is a friend indeed.

## MATHEMATICS

1. Note down your daily temperatures (in $^{\circ}C$) of your town/ city during the last week of coming December 2017. Take the help of newspaper or television to find the temperature.
   (I)   Find the mean temperature.
   (ii)  Find the range of the data.
2. The length of a rope is 5m. Convert this length into
   (I)   decimeters        (ii) centimeters
   (iii) millimeters        (iv) decametres
3. Mukesh sold his house for Rs.18,75,000 at a loss of 10%. Suggest him that at what price he should have sold so that he gained 10%.
4. Rohan has Rs.75. How much money should his brother give him to increase his money by 60%. Now how much money Rohan will have after receiving the money from his brother.
5. A property dealer bought 10 acres of land at the rate Rs.70000 per acre. He later subdivided the land into 22 plots and sold them at the rate of Rs.45000 per plot. Find his profit and profit percentage.
6. a) Using the pattern find the missing numbers:-
   (i)   $(15)^2 = (1 \times 2) (5 \times 5 ) = 225$
   (ii)  $(35)^2 = (3 \times 4) (5 \times 5 ) = 1225$
   (iii) $(45)^2 = (4 \times 5) (5 \times 5 ) = 2025$
   (iv)  $(65)^2 = $ ..................................... = ..................
   (v)   $(85)^2 = $ ..................................... = ..................

   b)    $(11)^2 = 121$
         $(111)^2 = $ ...................
         $(1111)^2 = 1234321$
         $(11111)^2 = $ ............................

7. A pigeon flies at 6km/ hr for 3 hours and then at 4km/hr for the next 2 hours. Calculate its average speed.
8. A man goes 40m due east and then x m due north. If he is at a distance of 41m from his initial position, then find the value of x.
9. What should be added to each term of the ratio 3 : 8 so that it may become equal to 2 : 3?

10. Simplify: $\dfrac{\sqrt{216}+\sqrt{96}}{\sqrt{(50)^2-(10)^2}}$

## PHYSICS

Q.1. a) Explain the main function of MCB used in electric circuit of our houses. What will be the disadvantages for not using the MCB.
   b) Give five methods of how you can minimise the usage of electricity in order to conserve electricity.

Q.2 Give five practical applications of concave mirror each from your surrounding and if possible then stick their pictures also.

Q.3 Draw a Suitable ray diagram showing the image formed by a concave mirror if the object is placed-
a) between Focus and Pole
b) At the centre of Curvature. And also write about their nature.

Q.4 Using different circuit symbols, draw a circuit diagram for the following cases where symbols should be placed in proper order-
a) Case I – Using a cell, two bulbs and an open switch draw a circuit diagram where bulbs are placed in series.
b) Case II – Two bulbs, a battery, closed switch and an ammeter draw a circuit diagram for the circuit where bulbs are placed in parallel.
In which of the following cases the bulb will not glow and why?

## CHEMISTRY

Q.1 Make your own turmeric paper indicator and use it to find whether the following samples are acids or bases. Stick the turmeric paper strips along with the answers.
Samples – milk, detergent solution, toothpaste, lime water and curd.

Q2. Draw a well labelled diagram to show the process of purification of water in water works. Also write about its process.

Q3. Balance the following equations:-
1) $NaNO_3 + PbO \rightarrow Pb(NO_3)_2 + Na_2O$
2) $AgI + Fe_2(CO_3)_3 \rightarrow FeI_3 + Ag_2CO_3$
3) $S_8 + O_2 \rightarrow SO_2$
4) $NaBr + CaF_2 \rightarrow CaBr_2 + NaF$
5) $CH_4 + O_2 \rightarrow CO_2 + H_2O$
6) $Fe + O_2 \rightarrow Fe_2O_3$
7) $NH_3 + HCl \rightarrow NH_4Cl$
8) $N_2 + O_2 \rightarrow N_2O_5$
9) $Fe + AgNO_3 \rightarrow Fe(NO_3)_2 + Ag$
10) $Na + H_2O \rightarrow NaOH + H_2$

Q4. Give one word answer for the following:-
1) Base soluble in water.
2) Acid present in tea.
3) The purest form of natural water.
4) Another name for the water cycle.
5) The causative agent of typhoid.

## BIOLOGY

Q.1 Find out at least 10 excretory products of plants that are useful to human beings. Write one use of each product.

Q.2 Draw a well labelled diagram of human excretory system.

Q.3 List 5 preventive measures to avoid infection in your body.

Q.4 Many microorganism are responsible for spoilage of food suggest some ways (at least 5) to prevent the growth of microorganisms in food products.

Q.5 Paste pictures of at least 10 food item which are good for your health.

Q.6 List any 5 ways in which microorganisms (bacteria and fungi) are useful to us.

## HISTORY & CIVICS

Q.1 If Sher Shah became an advisor to the Prime Minister of India, what measures, reforms and policies do you think he would suggest for the welfare of the citizens of India? Why?

Q.2 Write a report of Akbar administration revenue system and religious policy.

Q.3 Write in brief on the cultural achievements of Jahangir's and Shah Jahan's reigns. Include aspects such as literature, art, and architecture (stick pictures)

Q.4 Choose any religious reformer whose life and teachings appeal to you. Discuss on various aspects of his/her life, teachings and influences and relevance in modern society. (Stick pictures of the reformer)

Q.5 Write a report giving ten suggestions for improving the conditions of the villagers in your state.

## GEOGRAPHY

Q.1 State the remedial measures to be taken for prevention of Pollution due to Industries. Give your views with the help of the pictures.

Q.2 Write a report on the Indian expedition of Antarctica, use appropriate pictures and maps.

Q.3 Prepare a neat diagram to show renewable sources of energy.

Q.4 On the political map of Europe mark the countries and their capitals. Also write few lines about five countries (like why are they famous, is rich source of etc.)

## COMPUTER SCIENCE

1. Give two examples of each:-
   a) e-learning sites          b) people finder sites
   c) e-greeting card sites     d) search engine sites
2. Write the steps to chat using G-mail account.
3. Answer in one word:-
   a) Founder of Whatsapp Messenger.
   b) Founder of Google
   c) Developer of OOP language
4. Write the five features of Object Oriented Programming.
5. Differentiate between Procedural Programming and Object Oriented Programming.
6. Write the steps to search information on a topic.
7. Define:-
   a) class          b) object          c) Abstraction          d) Inheritance
   e) Encapsulation          f) Polymorphism

## HINDI

iz"u ƒ&    fn, x, "kCnksa ds rRle :i fyf[k,&

?kksM+k ] lksuk ] uko ] iÙkk ] ngh

iz”u „&        fuEufyf[kr <u>yksdksfDr;ksa</u> dk okD; esa iz;ksx dhft,&

    ¼d½ mYVk pksj dksroky dks Mk¡VsA

    ¼[k½                    bl gkFk ns ml gkFk ysA

    ¼x½ vke ds vke xqBfy;ksa ds nkeA

iz”u …&   fn, x, “kCnksa ds <u>laf/k & foPNsn</u> dhft,&

    ijekFkZ  ]  egkRek  ]  fxjh”k  ]  lwfDr  ]  o/kwRloA

iz”u †&   <u>fØ;k “kCn</u> js[kkafdr dhft, vkSj deZ ds vk/kkj ij muds

Hksn fyf[k,&

    ¼d½ cPps lks jgs gSaA

    ¼[k½                    vkdk”k Qwy rksM+ jgk gSA

    ¼x½ ekyh us ikS/ks yxk,A

    ¼?k½                    ?kksM+k nkSM+ jgk gSA

iz”u ‡&   ladsr foUnqvksa ds vk/kkj ij fuEufyf[kr fo’k; ij <u>fuca/k</u>

fyf[k,A

    ^^ <u>i;kZoj.k laj{k.k</u> **

    <u>ladsr fcanq%&</u>            i;kZoj.k laj{k.k dk vFkZ] bldh

    vko”;drk] vHkko esa gksus okyh

        ijs”kkfu;k¡] Hkkoh ;kstukA

iz”u ˆ&    dchj ds dksbZ nks nksgs HkkokFkZ ds lkFk fyf[k,A

        END