# **English**

**Q.1** All of us enjoy travelling to different places and meeting new people. Recollect and describe your most memorable trip in about 160 to 180 words. Mention the place you travelled to, the sights you saw, the people you travelled with and also what made the trip a memorable one for you.

**Answer:** All of us enjoy travelling to different places and meeting new people.  The most memorable trip which I made was to Bhandardara in Maharashtra. It is set amidst the Sahyadri mountains and is best visited during the monsoons. I went there with my parents and my little brother during the last summer vacation.  We travelled by bus from Mumbai to Bhandardara and stayed there in a beautiful resort by Arthur Lake. Beautiful bougainvillea flowers adorned the roads and the lake sides. It felt amazing to walk on the hills and watch the sunset. It was very quiet and peaceful and we enjoyed being together. We went for sightseeing and saw the Wilson Dam, Mount Kalsubai, Agastya Rishi Ashram, Ratangad Fort and Amriteshwar Temple. It was a short but a very relaxing vacation. Bhandardara is a good place to visit with your family and friends.

**Q.2** "No one likes confinement but at the same time, confinement opens doors to new experiences".
Express in 120 to 150 words how you and your family members have been successful in transforming the time at home into an interesting, enriching and memorable period.

**Answer -** 'No one likes confinement but at the same time, confinement opens doors to new experiences'.
During the initial days I found it very difficult to remain indoors and wished I could go out and play with my friends. But when I realized that this confinement may go on for a long period, I started to find new ways of keeping myself engaged with some interesting activities at home. I began by helping my mother in preparing various dishes, listening to my parents childhood experiences and also exploring the hidden artist in me. We played several board games together as a family. Scrabble emerged as the all-time favourite game, more so, because I used to win most of the time! During this confinement, we spent great quality time with each other and strengthened our bond as a family.

**Q.3.** You have been selected to participate in a Group Discussion organized in your school. The topic is: 'We alone are responsible for our health and well being'. Pen your views on this topic in about 100 to 120 words.

**Answer -** 'We alone are responsible for our health and well being'.

Who else should care for our health? Why should someone else be responsible for our health? Ultimately, when it pains, it's the person himself who has to bear the pain or the suffering. Then why should one depend on someone else for his health and well being? Good health and wellbeing purely depends on the individual's way of living. If one wants to live a healthy life, one has to take the initiative of keeping fit by exercising, taking a proper diet and adequate rest. A disciplined lifestyle and a systematic routine is a must for one's health and well being. When everything is done timely and systematically, one is able to maintain good health. So, it's necessary to remember that one has to take care of oneself.

**Q.4** Veena started writing the following story but couldn't complete it.

'Rajiv was a vendor at Hyderabad Railway Station. He was about 19 years old. Like every other day, Rajiv reached the station to sell his wares. A scheduled train was about to arrive. Suddenly he saw ....................'.

Help Veena complete the story in about 125-150 words.

**Answer –**

<u>The Vendor: A Lifesaver</u>

Rajiv was a vendor at Hyderabad Railway Station. He was about 19 years old. Like every other day, Rajiv reached the station to sell his wares. A scheduled train was about to arrive. Suddenly he saw on the opposite platform, a boy of ten or twelve years, lying unconscious.

Rajiv was in a dilemma whether to continue selling his wares at the arrival of the train or go and look into what was wrong with the little lad! His conscience dragged him to the boy and when he reached there, he could make out that the boy needed help.

Some more people joined Rajiv in helping the little boy. They sprinkled some water on his face and he soon regained   consciousness. He told them that two days back he had got lost on the platform as he got off the train in which he was travelling with his parents. After some time, he had fallen unconscious as he had not eaten anything since he had separated from his parents.

Rajiv helped the boy with some eatables and with the help of the Railway authorities, arranged for his return home to his parents.

## Home Assignment Model Answers – May 23, 2020
## Class VIII

**Q.5** All of us make some common errors while writing or speaking English. Can you spot the errors in the following sentences?
Read the sentences given below carefully and rewrite them correctly without changing their tense or meaning. Do not copy the incorrect sentences. What is more – make sure you do not make these errors in your language ever again!

a) Mary referred him as the funny uncle.
**Ans.** Mary referred to him as (a funny/the funniest) uncle.

b) I am so happy, my all answers are correct.
**Ans.** I am very happy, all my answers are correct.

c) I seeked the help of my teachers to solve the problem.
**Ans.** I sought the help of my teachers to solve the problem.

d) Where does Mrs Jones sits?
**Ans.** Where does Mrs Jones sit?

e) I am very much excited to meet my best friend after so many years.
**Ans.** I am very excited to meet my best friend after so many years.

f) I go to the dance class on alternative days.
**Ans.** I go to the dance class on alternate days.

g) The fisherman caste a net to catch the fish.
**Ans.** The fisherman cast a net to catch the fish.

h) These all are my books.
**Ans.** All these are my books. / All these books are mine.

i) I cannot accompany you, I am having a severe headache.
**Ans.** I cannot accompany you, I have a severe headache.

j) We may not agree with our elders but we must be respectable to them.
**Ans.** We may not agree with our elders but we must be respectful to them.

Home Assignment Model Answers – May 23, 2020
Class VIII

# हिंदी

प्रश्न1- निम्नलिखित गद्यांश को पढ़कर पूछे गए प्रश्नों के उत्तर लिखिए ;

(क) डॉ. टी.एन. सिंह ने पौधों के विषय में क्या कहा? उन्होंने अपनी बात को कैसे सिद्ध किया?
**उत्तर:** डॉ. टी.एन. सिंह ने पौधों के विषय में कहा कि पौधों पर संगीत की मधुर स्वर लहरियों का अनुकूल प्रभाव पड़ता है।उन्होंने अपनी बात को सिद्ध करने के लिए एक माह तक कुछ पौधों के सामने वीणा-वादन की व्यवस्था की और पाया कि वे अन्य पौधों की अपेक्षा तेज़ी से लंबे हुए।

(ख) संगीत किन-किन को प्रभावित करता है?
**उत्तर:** संगीत अस्वस्थ व्यक्ति को स्वस्थ करता है, फसलों को बढ़ने में मदद करता है, लोगों को शांति प्रदान करता है।

(ग) इस गद्यांश को उचित शीर्षक दीजिए।
**उत्तर:** स्वविवेकानुसार

(घ) निम्नलिखित शब्दों के हिंदी प्रचलित रूप लिखिए :ज़ाहिर ,तेज़,खुशी,महसूस।
**उत्तर:** :प्रकट,शीघ्र,प्रसन्नता, अनुभव

(ड.) शब्दों के विलोम शब्द लिखिए :मधुर, अनुकूल, अपेक्षा ,खुशी।
**उत्तर:** कटु/कर्कश,प्रतिकूल,उपेक्षा, दुख

(च) शब्दों से उपसर्ग अलग कीजिए: नापसंद, अनुकूल।
**उत्तर:** ना+पसंद, अनु+कूल

(छ) शब्दों को शुद्ध कीजिए : तेज, मधूर, जांच, दक्षीण, दीशा।
**उत्तर:** तेज़,मधुर,जाँच, दक्षिण, दिशा

प्रश्न 2- (क) निम्नलिखित प्रत्ययों से दो-दो शब्द बनाइए :
   **उत्तर:** प्रत्यय-
   इत     -जनित, प्रमाणित,
   वाला    -मिठाईवाला, दूधवाला
   इक     -सैनिक, ऐतिहासिक
   इन     -ठकुराइन, मालकिन
   आई     - पढ़ाई, कढ़ाई
   दार     -शानदार, तरफ़दार

(ख) निम्नलिखित शब्दों से मूल शब्द एवं प्रत्यय अलग कीजिए:
**उत्तर:**
बाज़ी+गर
सुंदर+ता
पीला+पन
दया +लु
तहसील+दार
भोपाल+ई

(ग) निम्नलिखित वाक्यों में से प्रत्यययुक्त शब्दों को छाँटिए: (वाक्य पूरा लिखिए)

    i.    सबको **मिठाई** बाँटी गई।
    ii.    नीना की **लिखावट** समझ नहीं आती।
    iii.    बच्चे के **भोलेपन** पर सब हँस पड़े।
    iv.    पुलिस ने कमरे की **तलाशी** ली।
    v.    **मालिन** ने माला बनाई।
    vi.    करेले के कारण मुँह में अभी भी **कड़वाहट** है।
    vii.    लिहाफ़ की **गरमाहट** पाते ही बच्चों को नींद आ गई।

प्रश्न 3- (क) निम्नलिखित वाक्यों में उचित विराम-चिह्न लगाइए:

(क) डॉ ने मुझे पौष्टिक भोजन खाने की सलाह दी

**उत्तर: डॉ.---------–दी।**

(ख) दूरदर्शन पर महाभारत धारावाहिक समाप्त हो गया

**उत्तर: ---------'महाभारत' गया।**

(ग) घर में हम भाई बहन माता पिता दादा दादी एक साथ भोजन करते हैं

**उत्तर: घर ------------भाई-बहन, माता-पिता, दादा-दादी --------हैं।**

(घ) अरे वाह तुम्हारा गृहकार्य तो पूर्ण है

**उत्तर: अरे वाह!--------है।**

(ड़.) माँ ने जय से कहा तुम्हारा काम तुम्हें ही करना होगा

**उत्तर: ----------कहा,"-----------होगा।"**

**(ख) निम्नलिखित विराम-चिह्नों के नाम लिखिए:**

**उत्तर:** ? प्रश्नवाचक          , अल्पविराम

( ) कोष्ठकचिह्न         - योजकचिह्न

! विस्मयादि बोधक चिह्न     ^ त्रुटि पूरक चिह्न

" " दोहरा उद्धरण चिह्न      । पूर्णविराम चिह्न

प्रश्न 4- 'फिर जी उठी प्रकृति'- विषय पर प्रकृति की पूर्व एवं वर्तमान स्थिति के आधार पर लगभग 80 से 100 शब्दों में एक अनुच्छेद लिखिए।

**उत्तर:** स्वविवेकानुसार

The Shishukunj
INTERNATIONAL SCHOOL
INDORE

Home Assignment Model Answers – May 23, 2020
Class VIII

# **Mathematics**

**Q.1** Find the length of the missing side ( all measures are in cm) :

(i) **Solution:** AB = 54 – (7+6+2+2+3+5+5+4+2+2+6)
           = 54 – 44
           =10 cm
  **Answer:** AB = 10 cm.

(ii) **Solution:** CD = 43 – (5+5+5+5+4+2+6+7)
           = 43 - 39
           = 4
  **Answer:** CD = 4 cm

(iii) **Solution:** EF = 43 – (8+7+6+3+8+8)
           = 43- 40
           = 3
  **Answer:** EF = 3 cm

**Q.2** Find the area of the shaded portion in the adjoining figure. ($\Pi$ = 3.14)
**Solution:**   For rectangle $l$   = 18 cm; b = 6 cm
              Area         = $l$ x b = 18 x 6
                            = 108 sq cm
              For circle r      = 3cm
              Area of one circle = $\Pi r^2$ = 3.14 x 3 x 3
                            = 28.26 sq cm
              Area of 3 circles   = 28.26 x 3
                            = 84.78 sq cm
$\therefore$Area of shaded portion      = 108 – 84.78
                            = 15.22 sq cm
**Answer:** Area of shaded portion is 15.22 sq cm.

**Q.3** Find the area of the following figures. (All measurements are in cm)

(i)Area of bigger triangle = ½ x base x height
                         = ½ x 12 x 10
                         = 60 sq cm
      Area of trapezium = ½ x sum of parallel sides x height
                       = ½ x (12 + 6) x 6
                       = 54 sq cm
      Area of figure 1   = 60 + 54
**Answer:** Area is 114 sq cm

(ii) Area of rectangle      = $l$ x b

                                 = 18 x 7 = 126 sq cm

Area of two semi circles = area of one circle

Area of circle              = $\prod r^2$ = 22/7 x 3.5 x 3.5

                                 = 38.5 sq cm

∴Area of figure         = 114 + 38.5

**Answer:** Area is 152.5 sq cm


**Q.4** Shape 1 and shape 2 are overlapped to form shape 3 as shown below. The area of shape 1 is 30 sq cm and the area of shape 2 is 20 sq cm. What is the area of shape 3?

**Solution:**    Area of shape 1 = 30 sq cm

                 Area of shape 2 = 20 sq cm

                 Area of shape 3 = 30 + 20 – 6

**Answer:** Area of shape 3 = 44 sq cm


**Q.5** Arham found that the minute hand of a circular clock of his room is 15 cm long. According to you how far does the tip of the Minute hand move in one hour? ($\prod$ = 3.14)

**Solution:**    Movement of minute hand in one hour = circumference of the clock

                 Circumference      = $2\prod r$ = 2 x 3.14 x 15

                                    = 94.2 cm

**Answer:** The minute hand of the clock moves 94.2 cm in one hour.


**Q.6** Anya decided to make a card for her mother on Mother's Day. She took a circular card sheet of radius 14 cm. But to her utter surprise she found that two circles of radii 3.5 cm each and a rectangle of length 3 cm and breadth 1 cm are removed (as shown in the figure). How much of the card sheet can she now use to make the Mother's Day card? ($\prod$ = 22/7)

**Solution:**    Area of bigger card sheet = $\prod r^2$

                                     = 22/7 x 14 x 14

                                     = 616 sq cm

Area of one smaller circle      = $\prod r^2$ = 22/7 x 3.5 x 3.5 = 38.5 sq cm.

Area of two circles             = 38.5 x 2 = 77 sq cm

Area of rectangle               = $l$ x b = 3 x 1 = 3 sq cm

∴Area of remaining card sheet = 616 – (77 + 3)

                                     = 616 – 80 = 536 sq cm

**Answer:** Anya can now use 536 sq cm of card sheet for the Mother's Day card.

**Q.7** A door of length 2 m and breadth 1 m is fitted in a wall. The length of the wall is 4.5 m and breadth is 3.6m. Find the cost of white-washing the wall, if the rate of white-washing the wall is Rs. 20 per m². 

**Solution:**  Area of wall  = l x b = 4.5 x 3.6 = 16.2 sq m
            Area of door  = l x b = 2 x 1 = 2 sq m
      Area to be white-washed = 16.2 – 2 = 14.2 sq m
            Rate       = Rs. 20 / sq m
            Total cost     = 14.2 x 20 = Rs 284

**Answer:** The total cost of white-washing the wall is Rs. 284

**Q.8** Rahul had a trapezium shaped garden with parallel sides 10m and 20m and height 8m, a circular pond with a diameter 7m was made on it. Find the area of the garden in which Rahul can play.

**Solution:**  Area of Garden    = ½ x (HT + AM) x MS
                  = ½ x (20 + 10) x 8 = 120 sq m
            Area of circle    =∏r² = 22/7 x 3.5 x 3.5 = 38.5 sq m
            Area of remaining part  = 120 – 38.5 = 81.5 sq m

**Answer:** Hence Rahul can play in 81.5 sq m area of the Garden.

**Q.9** Two cross roads, each of width 10m, cut at right angles through the centre of a rectangular park of length 700m and breadth 300m are parallel to its sides. Find the area of the cross roads. Also find the area of the park excluding the cross roads. Give answer in hectares.

**Solution:**  Area of park    = l x b = 700 x 300 = 210000 sq m.
      Area of cross roads = Area of rect. PQRS + Area of rect. EFGH – Area of sq KLMN
                  = 10 x 300 + 700 x 10 – 10x 10
                  = 3000 + 7000 – 100
                  = 9900 sq m
         **1hectare       = 10000m²**
                  =0.99 hectare
Area of remaining part     = 210000 – 9900
                  = 200100 sq m
                  = 20.01 hectares

**Answer:** The area of cross roads is 0.9 hectares
      The area of park excluding crossroads is 20.1 hectares

**Q.10** The diagonal of a square garden is 28.28 cm long. Find the length of the garden and also its area.  (√2 = 1.414)

**Solution:**  Side    = diagonal / √2
            Side    = 28.28/1.414 = 20 cm
            Perimeter  = 4 x side = 4 x 20 = 80 cm
            Area    = (side)² = 20 x 20 = 400 sq cm.

**Answer:** The length of the garden is 80 cm and area is 400 sq cm.

Home Assignment Model Answers – May 23, 2020
Class VIII

**Q.11** Swastika wrapped a cord around a circular pipe of radius 4 cm and cut off the length required of the cord. Then she wrapped the same cord around a square box of side 4 cm. How much more cord was used by her to wrap the circular pipe? ($\Pi$ = 3.14)
**Solution:**    Length of cord wrapped around circular pipe = circumference of the circle
                                  = $2\Pi r$ = 2 x 3.14 x 4 = 25.12 cm.
            Perimeter of square box = 4 x side = 4 x 4 = 16 cm
            Difference                     = 25.12 – 16 = 9.12 cm
**Answer:** Hence 9.12 cm more cord was used to wrap the circular pipe.

**Q.12** Raj had a Rhombus shaped carom board with the diagonals measuring 16 cm and 18 cm. Find the area of the board.
**Solution:**    Area of rhombus          = ½ x $d_1$ x $d_2$ = ½ x 16 x 18 = 144 sq cm
**Answer:** Hence the area of the carom board is 144 sq cm

**Q.13** In the adjoining figure, the outer trapezium ABCD has area 320 cm$^2$. The area of the region between outer and inner trapezium is 140 cm$^2$. Find the area of the inner trapezium EFGH. If the lengths of the parallel sides of the inner trapezium are 16 cm and 20 cm, find the height **h**.
**Solution:**    Area of inner trapezium = 320 – 140 = 180 sq cm
            Area of trapezium          = ½ x (HE + FG) x HI
                            180 = ½ x (16 + 20) x h
                            h=180 / 18 = 10 cm
**Answer:** Area of inner trapezium is 180 sq cm and height is 10 cm.

**Q.14** Avi being very health conscious decides to jog in his garden. Every week he chooses a different route with a condition that each week his run should be longer than the week before. Help him decide his route for next 4 weeks.
**Solution:**

The Shishukunj
INTERNATIONAL SCHOOL
INDORE
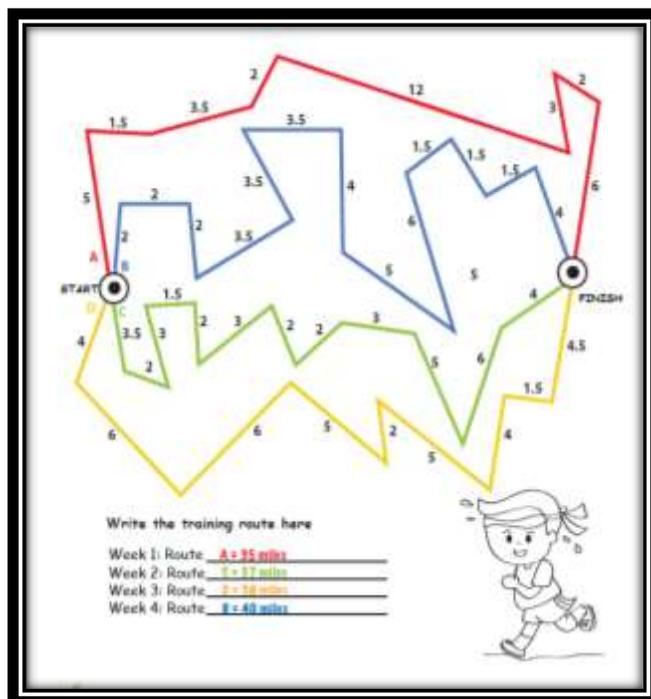
Home Assignment Model Answers – May 23, 2020
Class VIII

# Science (Physics)

**Topic: Light**

**Q.1** Multiple Choice Questions:
   i. Light falling on surface $S_1$, $S_2$, $S_3$ is shown in figures given below:



Surface $S_1$

Surface $S_2$
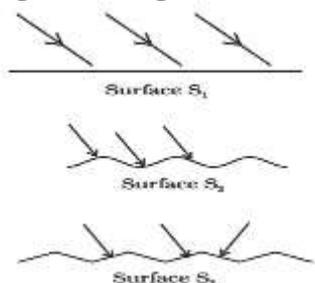
Surface $S_3$

   Surfaces on which the angle of incidence is equal to the angle of reflection is/are:
   a) $S_1$ only
   b) $S_1$ and $S_2$ only
   c) $S_2$ and $S_3$
   **d) all the three surfaces**

   ii. Which of the following is opaque:
   a) Cooking oil
   **b) A mirror**
   c) Spectacles
   d) River water

   iii. Property of plane mirror to make 'right appear as left' and vice versa, is called:
   a. Vertical inversion
   b. Refraction
   c. Reflection
   **d. Lateral inversion**

   iv. An image formed by the plane mirror is:
   a) Always real
   **b) Always virtual**
   c) Sometimes real sometimes virtual
   d) None of these

   v. An object of height 10 cm is placed at a distance of 50 cm from a plane mirror. The size of the image will be:
   a) 20 cm
   b) 40cm
   **c) 10cm**
   d) 100cm

   vi. An image formed by a plane mirror is:
   a) virtual, behind the mirror and enlarged.
   b) **virtual, behind the mirror and of the same size as the object.**
   c) real at the surface of the mirror and enlarged.
   d) real, behind the mirror and of the same size as the object.

vii. Distance between an object and its image in a plane mirror is 100 cm.
   What is the distance between the plane mirror and the image?
   a) 25 cm
   **b) 50 cm**
   c) 100 cm
   d) 200 cm

viii. If a light ray incident is normal to the surface of a plane mirror, what is the angle of incidence?
   a. $90^0$
   **b. $0^0$**
   c. $100^0$
   d. $45^0$

ix. If the angle between two plane mirrors is $60^0$, then number of images formed are:
   **a. 5**
   b. 6
   c. 8
   d. 9

x. If light is made to fall on the following objects:   a plane mirror, a card board, a white and a drawing sheet, reflection of light will take place from:
   a) only plane mirror
   b) only white drawing sheet
   c)  only card board
   **d) all of the above**

**Q.2** Fill in the blanks:

   i. The **Perpendicular** line at the point of incidence is called the normal.
   ii. When two mirrors are kept parallel to each other, the number of images is/are **Infinite**.
   iii. Incident ray perpendicular to the surface of the plane mirror is called **Normal**.
   iv. Kaleidoscope works on the principle of **multiple reflection of light**.
   v. Angle between incident ray and normal is called **angle of incidence**.
   vi. Surface of a newspaper exhibits **irregular** reflection.
   vii. If the number of images formed by the two plane mirrors kept at an angle is four, then the angle between the mirrors is **$72^0$**
   viii. Number of plane mirrors used in a periscope are **2.**
   ix. The instrument used to see regular symmetric images of an object in two- mirror or three – mirror system is called **Kaleidoscope**.
   x. The instrument used by the submarines to see objects on the surface of the water when it is dipped inside the water is called **periscope**.

Home Assignment Model Answers – May 23, 2020
Class VIII

**Q.3** Answer the following questions:

i. Differentiate between regular and diffused reflection. Draw a diagram to show these two types of reflection.
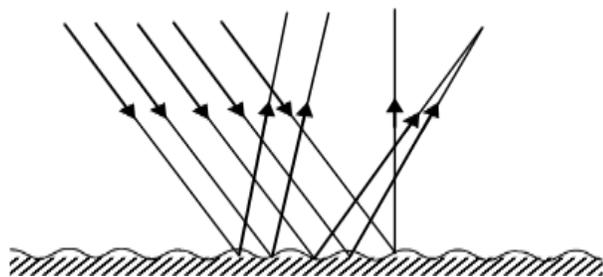**Answer:**
**Regular reflection:**

When a beam of light consists of parallel light rays incident on a smooth surface and gets reflected back such that parallel light rays remain parallel after reflection then the reflection is called Regular reflection.


Regular Reflection
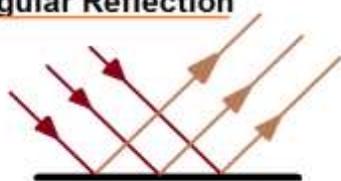
**Irregular reflection:**
When a beam of light consists of parallel light ray's incident on a rough surface and gets reflected back such that parallel light rays wouldn't remain parallel after reflection then the reflection is called Irregular reflection.



ii. Write three uses of a plane mirror.
**Answer:**
    (i)      In periscope.
    (ii)    In kaleidoscope.
    (iii)   In solar cookers.

iii. What is a Kaleidoscope? Name the principle on which it is based.
**Answer:**
A kaleidoscope is an optical instrument with two or more reflecting surfaces tilted to each other at an angle, so that one or more objects on one end of the mirrors are seen as a regular symmetrical pattern when viewed from the other end, due to repeated reflection or multiple reflection of light.

iv. Mention whether regular or diffused reflection will take place in each of the following cases when a beam of light strikes the surface. Justify your answer.
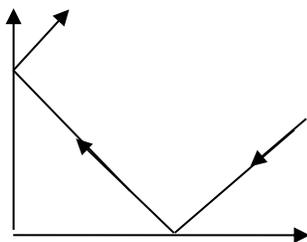
**Answer:**

(a) Polished wooden table: Regular reflection as we can see image on it.

(b) Chalk powder: Irregular reflection as we cannot see image on it.

(c) Cardboard surface: Irregular reflection as we cannot see image on it.

(d) Marble floor with water spread over it: Regular reflection as we can see image on it.

(e) Mirror: Regular reflection as we can see image on it.

(f) Piece of paper: Irregular reflection as we cannot see image on it.

v. What is the angle of incidence if the reflected ray is at an angle of 90° to the incident ray?

**Answer:** $45^0$.

vi. Two mirrors meet at right angles. A ray of light is incident on one at an angle of 30°. Draw the reflected ray from the second mirror.

**Answer:**



vii. "Reflected light can be reflected again", give an example to justify this statement.

**Answer:** Periscope-An apparatus consisting of a tube attached to a set of mirrors or prisms, by which an observer (typically in a submerged submarine or behind a high obstacle) can see things that are otherwise out of sight. In this reflected light from one mirror is reflected again by the other mirror.
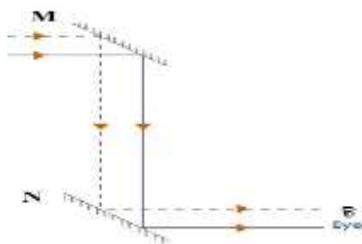


viii. Look at the following picture. Can the image of the child be obtained on the screen? Give reason for your answer.

**Answer:** No, because the image formed is virtual which cannot be obtained on screen.

Home Assignment Model Answers – May 23, 2020
Class VIII

# Social Science

## Topic - Resources

**Q.1**

Why are human beings considered to be the greatest and most important resource of the earth?

**Answer:** Human beings are considered to be the greatest and most important resource of the earth because it is their ideas, knowledge, inventions and discoveries that lead to the creation of more resources. Each invention or discovery leads to others. Only human beings can exploit, develop and convert resources that are available or potential resources into useful products or wealth.

## Q.2 Choose the correct option:

a. Which of the following elements make a substance a resource?

i) Utility

ii) Value

iii) Quantity

**iv) Both i and ii**

b. Which one of the following is a man made resource?

**i) Medicines to treat cancer**

ii) Spring water

iii) Tropical forests

iv) Mountains

c. Complete the statement: Non-renewable resources are those:

**i) which have limited stock**

ii) made by human beings

iii) derived from non-living things

iv) not available at all

d. Balancing the need to use resources and also conserve them for the future is known as:

i) Natural resources

**ii) Sustainable development**

iii) Resource conservation

iv) Human resource

**Q.3** Can you imagine life without water? In about 80 words, describe what would happen if water were to disappear from the surface of the earth.

**Answer:** Students may write about the consequences as per their perception

## Q.4 Match the words in Column A with their correct meaning given in Column B:

**Answer:**

| Column A | Column B |
|----------|----------|
| 1.Soil | a) Natural resource |
| 2.Bridge | b) Human made resource |
| 3.Patent | c) Right over an idea/invention |
| 4.Uranium | d) Potential resource |
| 5.Petroleum | e) Actual resource |

Home Assignment Model Answers – May 23, 2020
Class VIII

**Q.5 Read the passage given below and answer the questions that follow:**

a. What do carbon footprints measure?
**Answer:** carbon footprints measure the impact of human activities on the environment, particularly climate change.

b) How are greenhouse gases formed?
**Answer**: greenhouse gases are formed by the burning of fossil fuels for electricity, heating and transportation.

c) Explain global warming.
**Answer**: global warming is the gradual increase in temperature on the surface of the Earth. Most of this warming is being caused by human activities.

d) Name some activities that produce carbon dioxide.
**Answer:** Combustion/ burning of fuel, industrial activity and fermentation, etc.