

# Amrit Public School, Mau

## Dussehra Holiday Homework-2018

### Class-X

#### English

1. Describe the theme of Helen Keller's "The Story Of Life" in 150-200 words
2. Write a letter to the editor of the "Sunday Times" on the need for providing handcraft stall at some of the most visited tourists sites in your town as a means of increasing tourism revenue for the government as also encouragement for craft persons. Taking help of MCB Unit 'Travel and Tourism' bring out the the positive advantages of such a step. Sign yourself as Adarsh/ Aashima. (100-200 words)
3. You decide to write an article in the school magazine titled "save the Planet Earth" Write an article using ideas from the unit on "Environment" and your own ideas.
4. The poet Shakespeare says that everything in this world is transitory except for the verses. Elaborate. (100-200)
5. Read one book from among the following
  - a. Heidi by Johanna Spyri
  - b. Black Beauty by Anna Sewell
  - c. The adventures of Tom Sawyer by Mark Twain
  - d. Gulliver's Travels by Jonathan Swift
  - e. The wind in the willows by Kenneth Graham.
6. Read the outlines given below of a story write it in full using these outlines and your own ideas. Assign a suitable title and moral to it.

Outline:

A rich man arranged a great feast \_\_\_\_ the occasion was his won son's marriage \_\_\_\_ a fisherman bought fine big fish \_\_ gatekeeper allowed him to go in but with half the profit \_\_\_\_ asked for hundred shoes as a reward \_\_\_\_\_ the rich man came to know the cause \_\_\_\_ dismissed the gatekeeper \_\_\_\_ moral.

#### Science

1. Describe the working of an AC generator with the help of labeled circuit diagram. What changes must be made in arrangement to convert it to a DC generator?
2. Give the example of each of following reactions
  - a) Combination reaction
  - b) Decomposition reaction
  - c) Displacement reaction
  - d) Double displacement reaction
  - e) Neutralization reaction
3. Draw a labeled diagram of human brain showing its details structure. Describe the various functions of the human brain.

4.

Biology: Do worksheet No.-146 to 148

Physics: Do worksheet No.- 31,32,33,34,35

Chemistry: Do worksheet No.-94,95,96,97

- Make project on topic “Comparison of stomata of monocots and dicots.”
- Survey of cleaning capacity of different soaps and detergent. ( Take help of lab manula for survey sheet.)

## Mathematics

1. Use Euclid’s division lemma to show that the square of any positive integer is either of the form  $3m$  or  $3m+1$  for some integer  $m$ .
2. Obtain all the zeroes of  $3x^4+6x^3-2x^2-10x-5$ , if two of its zeroes are  $\sqrt{\frac{5}{3}}$  and square root  $\sqrt{\frac{-5}{3}}$ .
3. A fraction becomes  $\frac{1}{3}$  when 1 is subtracted from the numerator and its comes  $\frac{1}{4}$  when 8 is added to its denominator. Find the fraction.
4. Sum of the areas of two squares is  $468m^2$  If the difference of their perimeters is 24, find the sides of the two squares.
5. Two poles of heights 6m and 11m stand on a plane ground. If the distance between the feet on the poles is 12 m , find the distance between their tops.
6. Find the area of the quadrilateral whose vertices, taken in order, are  $(-4,-2),(-3,-5),(3,-2)$  and  $(2,3)$ .

### Areas Related to Circles

- Worksheet 114,115,116,117,118,119
- Chapter test Areas related to circle

## S.Sc.

Do pullout: 215, 216,217,218,219,220,221,222,223,224

## Hindi

### 1 निम्नलिखित विषयों पर पत्र लिखिए :

आपके विद्यालय में वृक्षारोपण समारोह सम्पन्न हुआ। इसका विवरण देते हुए किसी समाचार पत्र के संपादक को पत्र लिखकर इसे प्रकाशित करने का अनुरोध कीजिए।

आपका छोटा भाई कुसंगति में पड़ गया है। उसे एक पत्र लिखिए जिसमें कुसंगति से बचने की शिक्षा दी गई हो।

### 2 निम्नलिखित विषयों पर दिए गए संकेत बिंदुओं के आधार पर निबन्ध लिखिए :

नीचे दिए गए संकेत बिन्दुओं के आधार पर किसी एक विषय पर निबन्ध लिखिए।

अनुशासन का महत्व :

भूमिका, अनुशासनहीनता का बोलबाला ज... अनुशासन का महत्व, अनुशासन की आवश्यकता, विद्यार्थी व अनुशासन, उपसंहार।

कंप्यूटर आज की आवश्यकता :

भूमिका, कंप्यूटर, कम्प्यूटर का प्रयोग, इंटरनेट, विभिन्न क्षेत्रों में कंप्यूटर, पुस्तकों का निर्माण, उपसंहार।

