



**Anamay School**  
**Holiday Homework (2017-18)**  
**Class – 10<sup>th</sup>**

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**Note:**

- ) **The Holiday Homework Submission Date is 20/06/2017**
- ) **School will re-open from 12/06/2017**
- ) **School Timing will be 8:40 AM to 2:20 PM**

**Sub: English**

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Q.1- Imagine that you have become a star in your field of interest. One day, you meet a poor boy with a lot of talent, but no resources to get himself the facilities to develop this talent. As a successful person, who is very interested in developing his talent, you decide to become his mentor. How would you go about doing it? Write a diary entry on any given date ten years from now about the feeling that the young but poor talented person evoked in you and the plans you thought of to develop this potential.

Q.2- You are Rakesh / Ronika, your sister is preparing for her class XII exam. Write an email to her to join a laughter club for overcoming from stress.

Q.3- Write an article in about 150 words for the school news-letter on the topic, 'Importance of Physical Health in our lives, using the clues given below.

1. Healthy mind lives in a healthy body.
2. Lack of time for physical activity because of the demands of modern lives.
3. Ignoring the health increase the risk of many diseases.
4. Discipline is the key to resolving these concerns.

Q.4- Write complete description of 'Swami Vivekanand' in 2-3 paragraph in about 200 words.

Q.5- Complete the passage by choosing the correct options from those given below.

Pleasure and pain are inseparable facts (a) \_\_\_\_\_ human existence. While the experience of (b) \_\_\_\_\_ well-being is rather vague and intangible, (c) \_\_\_\_\_ of pain is real, and affects our body, mind and spirit, (d) \_\_\_\_\_ our lives in more ways than one, pain is an unpleasant sensory and emotional experience caused (e) \_\_\_\_\_ tissue damage that (f) \_\_\_\_\_ from physical trauma, burns, illness, injury or surgery. Despite the agony caused (g) \_\_\_\_\_ pain, it is essential (h) \_\_\_\_\_ our survival. Pain (i) \_\_\_\_\_ an alarm bell, (j) \_\_\_\_\_ you to pay immediate attention and take quick action.

- |                       |                  |                   |                  |
|-----------------------|------------------|-------------------|------------------|
| a) (1.) in,           | (2.) an,         | (3.) of,          | (4.) by          |
| b) (1.) bur,          | (2.) your,       | (3.) one,         | (4.) your        |
| c) (1.) Experiencing, | (2.) experience, | (3.) Experiences, | (4.) experienced |
| d) (1.) alter,        | (2.) alters,     | (3.) altered,     | (4.) altering    |
| e) (1.) by,           | (2.) with,       | (3.) in,          | (4.) on          |
| f) (1.) resulted,     | (2.) resulting,  | (3.) result,      | (4.) results     |
| g) (1.) by,           | (2.) on,         | (3.) in,          | (4.) of          |
| h) (1.) of,           | (2.) for,        | (3.) with,        | (4.) by          |
| i) (1.) rang,         | (2.) is ringing, | (3.) rung,        | (4.) rings       |
| j) (1.) alerted,      | (2.) alerting,   | (3.) alerts,      | (4.) alert       |

Q.6- Re-arrange the following words and phrases to make meaningful sentences.

- a) Always /the / same / Earth's / Climate/ stayed / hasn't



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- b) An ice age, / at / of / glaciers / the peak / may / cover / a third / as much as / the Earth / of  
c) An / during / ice age, / polar glaciers / grow / the / bigger.  
d) An / a period / periodical / of / cold weather / called / the / goes through / especially / Earth / ice age  
e) Female / Malaria, / Anopheles / by the / caused / mosquito / bite of / a  
f) Students / the number / of / was / the / museum / 2.75 million / in 2000, / visiting.

Q.7- Find 30 new words from the English news paper, write their meaning with one sentence.

Q.8- Prepare a chart of 'Direct and Indirect speech' with one-one example of each rule on a drawing sheet.

Q.9- Take an interview of a businessman and write it in conversation form.

## विषय- हिन्दी

प्र.1- निम्नलिखित वाक्यों में रिक्त स्थानों की पूर्ति उचित मुहावरों द्वारा कीजिए।

1. सपेरे साँप को \_\_\_\_\_ अच्छी तरह जानते हैं।
2. परीक्षा निकट हैं अब पढ़ाई का \_\_\_\_\_।
3. जलेबियाँ देखते ही उसके \_\_\_\_\_ गया।
4. ठग मौका पाते ही \_\_\_\_\_ जाते हैं।
5. भूकंप आने से कई मकान \_\_\_\_\_ गए।

प्र.2- वाक्य शुद्ध कीजिए।

1. मैं खाना खा लिया।
2. वे आ रहा है।
3. वह पढ़ना माँगना है।
4. आप घर मेरे आइए।
5. मैं पुस्तक को पढ़ता हूँ।

प्र.3- निम्नलिखित शब्दों की संधि विच्छेद कीजिए।

उच्चरित, सूर्योदय, नायिका, महेश्वर, पावन

प्र.4- प्रेमचंद्र की प्रमुख रचनाओं के नाम लिखिए।

प्र.5- क्या परीक्षा पास कर लेना ही योग्यता का आधार है? इस विषय पर अपने विचार लिखिए।

प्र.6- बड़े भाई-साहब एवं छोटे भाई की स्वभावगत विशेषताएँ लिखिए।

प्र.7- कबीरदासजी का जीवन परिचय लिखिए।

प्र.8- मधुर वाणी सम्बन्धी सूक्ति वाक्य को चार्ट पेपर पर सुंदर अक्षरों में लिखिए।

प्र.9- मीठी वाणी बोलने से क्या फायदे होते हैं?



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प्र.10- ईश्वर कण-कण में व्याप्त हैं, पर हम उसे क्यों नहीं देख पाते ?

प्र.11- प्रस्तुत पाठ के अलावा कबीरदास जी के अन्यत्र दोहो को ढूँढकर लिखिए। (कोई-5)

**Sub: Mathematics**

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Q.1- Solve the following.

1. Show graphically that the system of equations  $2x + 3y = 10$ ;  $4x + 6y = 12$  has no solution (inconsistent)
2. Solve the following by elimination method:  
 $4x - 7y = 23$   
 $5x + 2y = -25$
3. On comparing the ratio  $\frac{a_1}{a_2}, \frac{b_1}{b_2}$  &  $\frac{c_1}{c_2}$  find out whether the pair of linear equations is consistent or inconsistent.  
 $5x - 3y = 11$   
 $-10x + 6y = -22$
4. Solve by substitution method:  
 $3x - y = 3$   
 $9x - 3y = 9$
5. On dividing  $x^3 - 3x^2 + x + 2$  by a polynomial  $g(x)$  the quotient and remainder were  $x - 2$  and  $-2x + 4$  respectively. Find  $g(x)$
6. For what value of K is 3 a zero of the polynomial  $x^2 - x - (2k + 2)$ ?
7. If  $\alpha$  &  $\beta$  are the zeros of quadratic polynomial  $f(x) = x^2 - p + q$ , then find the value of  
(i)  $\alpha^2 + \beta^2$
8. Divide the polynomial  $p(x)$  by the polynomial  $g(x)$  and find quotient & remainder.  
 $p(x) = x^3 - 3x^2 + 5x - 3$ ,  $g(x) = x^2 - 2$
9. Find zeros of quadratic polynomial  $x^2 + 7x + 10$  and verify relationship between zeros & the coefficient.
10. Find the all zeros of the polynomial.  $f(x) = 2x^4 - 3x^3 - 3x^2 + 6x - 2$ , if two of its zeros are  $\sqrt{2}$  and  $-\sqrt{2}$
11. Write information of any two famous mathematicians.
12. Explain congruency with the help of activity.

**Sub: Science**

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1. Write definition

1. Electric current
2. Electric potential
3. One ampere of current
4. One volt



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5. Resistance
2. On what factor the resistance of conductors depends?
  3. Describe an expression for parallel combination of resistance.
  4. If length of wire is double then what will be the new resistance of wire?
  5. Will current flow more easily through a thin wire or a thick wire of the same material, when connected to the same source, why?
  6. House hold circuit connected in series or parallel? Why?

**Sub: Social Science**

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Ques1. Multiple choice questions

1. Who says these words “there is enough for everybody’s need and not for a body’s greed”
  - a) Ram Mohan Roy
  - b) Mahatma Gandhi
  - c) Subhash Chandra Bose
  - d) None of these
2. What percent area of the whole country does mountain occupy?
  - a) 27%
  - b) 43%
  - c) 30%
  - d) 50%
3. Black soil is ideal for growing
  - a) Rice
  - b) Wheat
  - c) Cotton
  - d) Cashew nut
4. Following is a minority community in Belgium
  - a) English- speaking
  - b) Dutch- speaking
  - c) French- speaking
  - d) Italian- speaking
5. In Sri Lanka the basis of power sharing is
  - a) Among different social groups
  - b) Accommodation
  - c) Majoritarianism
  - d) None of these
6. The French revolutions sought to create
  - a) a new nation
  - b) a sense of collective responsibility
  - c) a republic
  - d) universal adult franchise
7. The Habsburg’s were rulers of
  - a) Austria-Hungary
  - b) Dutch republic
  - c) Germany
  - d) Switzerland
8. Development of a country is measured by
  - a) Per capita income
  - b) HDI
  - c) Total income/ National income
  - d) None of these
9. Which of the following states has the highest literacy rate in 2001
  - a) Bihar
  - b) Punjab
  - c) Kerala
  - d) None of these



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10. Which of the following is a developing countries

- |          |                 |
|----------|-----------------|
| a) India | c) Pakistan     |
| b) China | d) All of these |

Ques2. Fill in the blanks

1. The land becomes unfit for cultivation and is known as \_\_\_\_\_
2. Black soil is ideal for growing cotton is also known as \_\_\_\_\_.
3. \_\_\_\_\_ has a separate government in which both the communities have equal representation.
4. \_\_\_\_\_ power sharing is necessary only for big countries that have regional divisions.
5. The most serious source of nationalist tension in Europe after 1871 was the area called the \_\_\_\_\_.
6. The average income is also called \_\_\_\_\_.
7. \_\_\_\_\_ has a low infant mortality rate.
8. Groundwater is an example of \_\_\_\_\_ resource.

Ques3. Short answer questions

1. How can poverty be removed?
2. What is meant by liberalism?
3. What are resources?
4. Name non- recycling resources of non-renewable group of resources.
5. What is educational development?
6. Define per capita income.

Ques4. Long answer questions

1. Explain the importance of education.
2. Give four important factors which led to the growth of nationalism in nineteenth century in Europe?
3. Explain the soil formation in detail?
4. Differentiate between Horizontal division of power and vertical distribution of power.
5. What are the causes of poverty?

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