

THE RAJASTHAN INTERNATIONAL SCHOOL, KOTPUTLI
SUMMER VACATION HOME WORK (2017-18)
CLASS 8
SUB: ENGLISH

- Q.1. Write a paragraph on importance of your parents in your life in about 80 to 100 words.
- Q.2. Write a bio- sketch of your grandfather / grandmother.
- Q.3. Suppose you have been made the monitor of your class. Write your feelings in the form of a diary entry.
- Q.4. Write an essay on importance of hard work in a student's life in about 120 words.
- Q.5. Write a paragraph about your favourite movie . Also write about your favourite character
- Q.6. Recently you attended a wedding in which money was spent lavishly . You didn't find it worth. Write a letter to your friend describing your feelings about the same .
- Q.7. Solve B.B.C Module one from page 4 to 9 (Unseen passages)

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ग्रीष्मावकाश गृहकार्य 2017

कक्षा-8

1. अपने आस-पास के ग्रामीण परिवेश में व्याप्त सामाजिक बुराइयों (कुरीतियों) के विषय में विस्तार पूर्वक लिखिए एवं उनके समाधान हेतु सुझाव भी दीजिए। सामाजिक बुराइयों को समाप्त करने के लिए आप किस प्रकार योगदान दे सकते हैं?
2. इन दिनों आई पी एल क्रिकेट मैचों का प्रसारण सभी को अपनी ओर आकर्षित कर रहा है। आई पी एल क्रिकेट के दोनों सेमीफाइनल मैच व फाइनल मैच का आंखों देखा हाल अपनी अभ्यास पुस्तिका में लिखिए।
3. निम्नलिखित शब्दों का संधि विच्छेद कीजिए एवं संधि का नाम भी लिखिए।
परमात्मा, शिवालय, रवींद्र, गिरीश, भानुदय, भूर्जा, नरेंद्र, कमलेश, चंद्रोदय, महोत्सव, महर्षि, महौषधि, सदैव, इत्यादि, अत्याचार, स्वच्छ, स्वागत, नयन, नायिका, पवित्र।
4. अपने छोटे भाई को पत्र लिखिए, जिसमें कम्प्यूटर, इंटरनेट, व मोबाइल आदि का कम से कम व उचित प्रयोग करने की सलाह दी गयी हो।

5. आपको अपने गाँव या शहर में किस प्रकार की असुविधाओं व अव्यवस्थाओं का सामना करना पड़ रहा है? अपने गाँव या शहर के जन प्रतिनिधियों को इन समस्याओं से अवगत करवाने एवं इन समस्याओं के समाधान हेतु सुझाव देते हुए एक समाचार तैयार कीजिए।
6. विक्रम संवत् के अनुसार हिन्दी महीनों का नाम लिखिए। प्रत्येक हिन्दी माह में आने वाले प्रमुख त्योहारों का नाम लिखिए एवं किन्हीं तीन लोक त्योहार व किन्हीं तीन धार्मिक त्योहारों के विषय में संक्षेप में लिखिए।
7. जल ही जीवन है परंतु फिर भी जल को व्यर्थ बहाया जा रहा है। आप अपने घर में एवं आस-पास जल का किस-किस रूप में दुरुपयोग देखते हैं? जल के दुरुपयोग को रोकने हेतु क्या-क्या उपाय किये जाने चाहिए। आप अपने घर व आस-पास में जल का दुरुपयोग रोकने हेतु किस प्रकार सहयोग दे सकते हैं?

THE RAJASTHAN INTERNATIONAL SCHOOL, KOTPUTLI
SUMMER VACATION HOME WORK (2017-18)
CLASS 8
SUB: MATHEMATICS

1. Find the sum of the following:

$$(a) \frac{15}{20} + \frac{25}{18} \quad (b) \frac{5}{40} + \frac{22}{28}$$

2. Find the difference of the following:

$$(a) \frac{5}{20} - \frac{5}{18} \quad (b) \frac{5}{4} - \frac{22}{8}$$

3. Find the product:

$$(a) \frac{-5}{12} \times \frac{25}{28} \times \frac{-26}{35} \quad (b) \frac{-15}{40} \times \frac{22}{18} \times \frac{24}{-45}$$

4. Divide : (a) $\frac{1}{8} \div -2$ (b) $\frac{-12}{15} \div 5\frac{1}{3}$ (c) $7 \div 2\frac{1}{4}$ (d) $\frac{-25}{32} \div$

$$\frac{15}{48}$$

5. Find the absolutely value of $|(-22) - (-25) \div 5 + (52)|$

6. The sum of two rational numbers is $\frac{15}{45}$, if one number is $-\frac{6}{5}$. Find the other.

7. The sum of two rational numbers is $\frac{5}{45}$, if one number is $\frac{16}{5}$. Find the other.

8. The product of two numbers is $\frac{35}{55}$, if one number is $\frac{6}{11}$. Find the other.

9. Find the absolutely value of $|\frac{5}{12} + \frac{-8}{15}|$

10. Represent $\frac{-5}{8}$ on the number line.

11. Represent $\frac{3}{5}$ on the number line.

12. Represent $4\frac{3}{5}$ on the number line.

13. Represent $\frac{-5}{7}$ and $\frac{5}{7}$ on the same number line

14. Write the following rational numbers in ascending order:

$$(a) \frac{1}{2}, \frac{-3}{8}, \frac{5}{-12} \quad (b) \frac{-3}{5}, \frac{12}{15}, \frac{-5}{6}$$

15. Write the following rational numbers in descending order:

$$(a) \frac{-12}{20}, \frac{-3}{15}, \frac{15}{22} \quad (b) \frac{13}{5}, \frac{2}{15}, \frac{-15}{16}$$

16. Find three rational numbers between -4 and -5

17. Find five rational numbers between $\frac{-5}{8}$ and $\frac{1}{8}$

18. Find four rational numbers between $\frac{-1}{8}$ and $\frac{1}{4}$

19. Find three rational numbers between 2.5 and 2.8

20. Madhu walks $\frac{5}{8}$ km in 1 hour. How far does he go in $5\frac{1}{2}$ hours?

21. Divide the sum of $\frac{15}{20}$ and $\frac{15}{35}$ by their difference.

22. Each side of a square is $4\frac{3}{8}$ m. Find the area and perimeter of the square.

23. Find the perimeter of a rectangle of length $40\frac{1}{4}$ m and breadth is $25\frac{3}{4}$ m

24. Find the area of a rectangle of length $50\frac{1}{4}$ m and breadth is $25\frac{3}{4}$ m

25. A tank can hold 240 litres of water, how much water in the tank when it is $\frac{5}{8}$ full.

26. After traveling 160 km, Rakesh found that he had covered only $\frac{3}{5}$ of his total journey.

Find the length of his whole journey.

27. The price of 1 kg of sugar is Rs. $38\frac{1}{4}$. How many kg of sugar can be bought for Rs. 459?

28. Simplify : $8^3 \times 8^{-5}$

29. Simplify : $\left(\frac{2}{3}\right)^{-5} \times \left(\frac{6}{8}\right)^{-5}$

30. Simplify : $\left(\frac{-3}{8}\right)^{-6} \times \left(\frac{6}{8}\right)^{-6}$

31. By what number should $\left(\frac{6}{8}\right)^{-6}$ be multiplied so that the product is 1.

32. Simplify: $\left[\left(\frac{-18}{20}\right)^{-1} \times \left(\frac{-8}{24}\right)^{-1}\right] \div \left(\frac{-18}{10}\right)^{-2}$

33. Find x so that : $\left[\left(\frac{-18}{20}\right)^{-3} \times \left(\frac{-18}{20}\right)^{-2}\right] = \left(\frac{-18}{20}\right)^x$

34. Find the square of 93 by using the column method.

35. Find the square of 99 by using the column method.

36. Find the square of 63 by using the column method.

37. Find the square of 95 by using the diagonal method.

38. Find the square of 195 by using the diagonal method.

39. Find the square of 952 by using the diagonal method.

40. Find the square of 1235 by using the diagonal method.

41. Express 441 as the sum of 21 odd numbers.
42. Express 900 as the sum of 30 odd numbers.
43. Fill in the blanks:
 - (a) The additive inverse of -5 is -----
 - (b) The additive inverse of $\frac{-8}{11}$ is -----
 - (c) The additive inverse of $\frac{27}{-80}$ is-----
44. Draw a bar graph to represent the total number of sixes hit by the different players in each team in this IPL 2017 . (Collect the data by your own.)

THE RAJASTHAN INTERNATIONAL SCHOOL, KOTPUTLI

SUMMER VACATION HOME WORK (2017-18)

CLASS 8

SUB: SCIENCE

Instructions:

Write in science notebook only.

Section -A

- (1) Which gas is used in fire extinguisher? Explain why.
- (2) What is the difference between horticulture and agriculture? Give examples of each.
- (3) Name some air borne diseases, their causes and preventive measures.
- (4) Define fermentation. What changes occurs in this process?
- (5) Write the name of some soft metals and their uses.
- (6) Write the name of some metals things used in our daily life and shows the ductility property of metals..
- (7) What do you mean by conduction? Write some examples related with our daily life.
- (8) One word answer type questions;-
 - 1- Which bacteria fix the nitrogen in the roots of plants?

2- Which type of food is stored in cold storage?

3- Give one word for domestication of animals on a large scale.

4- Name the bacteria which is present in curd.

5-Give one word for rearing of honeybees on a large scale.

(9) List the name of the things which you use to increase and decrease the friction in your daily life activities.

(10) Write the name of the things with the different metals these are made up of , available at your home .Write the property of metal used to make the thing.

(11) Name the highly reactive metals.

(12) Write the name of the things which are soluble in water and their uses.

(13) Name the things which are made up of plastic that used in your daily life and write their substitute to reduce the use of plastic.

(14) Define these terms;-

A- Pathogens
Transplantation

B-Beverages

C-Weeds

D-

(15) What is the name of the world's most important fibre crops? Which fibre is the cheapest fibre in the world?

Section- B

1-Talk to different people of your neighbours and find out what measures are used to purchased these items;-

a-banana

d- milk

b- Wheat flour

e- shampoo

c- Old newspapers

f- Ribbon

2-Make some useful things by using old newspapers.

3-Collect the leaves of the plants which have medicinal value, paste them in notebook with their name and their use.

Holiday Home- Work

Class-8

Sub-Social Studies

- Q.1 Locate any industry in your local area or nearby area. What are merits and demerits of that industry in the area?
- Q.2 Conduct a census of 10 families giving information about total number of members age, occupation, qualification and sex.
- Q.3 What are different types of pollutions created in your surrounding? What measures can be taken to reduce the different pollution?
- Q.4 What do you understand by power theft? Do you observe this theft in your local area? Describe impact of this theft on the economy of country.
- Q.5 What are different irrigation methods available in your local area? How water table is going down in that area? Give reason.
- Q.6 What are different types of soils available in your local area? Mention different types of cropping patterns in the fields of the area.
- Q.7 What is the condition of toilets in your nearby rural area? How do people justify the "Clean India Mission" started by Modi government?
- Q.8 What is difference between Law and Dissent?
- Q.9 Write a short note on "Anti-Liquor Movement of Andhra Pradesh".
- Q.10 Define the term "History". What are different periods of History?
- Q.11 Write a short note on "Survey Reports".
- Q.12 What were the features of "Subsidiary Alliance"?
- Q.13 Write a short note on "Doctrine of Lapse".
- Q.14 How could British capture the kingdom of Mysore? Explain.
- Q.15 How was Punjab annexed by Britishers?
- Q.16 Describe the conflicts between the Nawabs of Bengal and East India Company.
- Q.17 Write a brief description about Carnatic Wars fought in India.

- Q.18 Write the impacts of Battle of Buxar in India.
- Q.19 What were the conditions to get selected in civil service after 1853?
- Q.20 Write about the agencies which were looking after day to day administration.
- Q.21 How can we conserve the land resources?
- Q.22 Write fifty hard words from the covered syllabus.

THE RAJASTHAN SCHOOL, KOTPUTLI
Holiday Home- Work
Class-8
Sub-Computers

Make a scrap book or Power point presentation:

- 1) Collect various pictures of different web browsers and stick them in file page and write the description.
- 2) Explain the functions of atleast 8 parts present inside the CPU Box using diagram.
- 3) Compare various versions of Windows(like Windows 98/2000 /XP/Vista etc.) and explain the latest version of Windows.

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ग्रीष्मावकाश अवकाश गृहकार्यम् 2017

कक्षा-8

1. स्व दिनचर्या संस्कृत भाषायां लिखत ।
2. चैत्रः वैशाखः ज्येष्ठः, आषाढः, श्रावणः भाद्रपदः आश्विनः, कार्तिकः मार्गशीर्षः पौषः माघः फाल्गुनः इति
भारतीयमासानां कृते आंग्लमासानां नामानि लिखत ।
3. केचित् दश दैनिक- उपयोगवस्तुनि नामानि संस्कृत लिखत चित्रं अपि योजयत् ।
4. स्व विद्यालय चित्रं योजित्वा तस्य विषये दशवाक्यानि लिखत ।

5. सम्बन्धवाचक संस्कृतपदानां सकलनम् कृत्वा लिखत ।
6. अश्वत्यवृक्षः आम्रवृक्षः कदलीवृक्षः आमलकवृक्षः बिलववृक्षः तुलसी पादपस्य उपयोगितां च लिखत । तेषां पत्राणि अपि योजयत् ।
7. हिन्दी अर्थ सहितं त्रय नीतिश्लोकाः लिखत ।
8. धातुरूपाणि लिखत— भू, पा, दृश, गम्, स्था (पंचलकारेषु)
9. शब्द रूपाणि लिखत, राजन्, स्वसृ गुणिन्, तरु पितृ च
10. अधोलिखितानां कृत्पदौ सह पठ धातोः लृट लकारे क्रियापदं योजयत् ।

1. सः
2. अहम्
3. त्वम्
4. ताः
5. भवान्
6. कवयः
7. मूयम्
8. भवती
9. अयम्
10. एषा

Subject- Visual Art

Class - 8th

Make a Creative Painting (Paper size 11x 15 inch) Students can use Water colour, Poster colour, Crayon, Pastel Colour & Mix medium etc.
 Make a Creative Craft with the help of west material.
 Make a Birthday Card with the help of old invitation card and decorate it with west material.