



# Sadiq Public School

Do the right, fear no man

## Summer Assignment 2022

P7

### English

#### 1. Composition (write 200-250 words for each)

- Write a descriptive essay about a person you admire.
- Write about a time you did something so difficult that no one expected you would succeed.
- Write a narrative essay on the place you visited in summer vacation. Use five senses to describe the place.

#### 2. Directed Writing

i. Your friend has recently asked you to deliver an item of value to a relative.

Unfortunately this item was lost during the journey. You need to explain this in a letter to your friend. Your letter must include the following points:

- When and how the item was lost
- Your attempt to find it
- An offer to replace or pay for the item

Cover all three points in detail. You should make your letter polite and apologetic. Start your letter with "Dear (name)" and remember to give a proper ending.

ii. Your school has asked you to organise a project to help some people in your community.

You need to find as many people to join the cause. You decide to write a letter to your elder brother who lives abroad to join this project with other volunteers from abroad.

Your letter should include the following:

- Details of people you are helping
- Details of the project you are organizing
- What other people can do to help

iii. You recently attended a wedding. Unfortunately, your aunt missed the occasion and she wants you to write her a letter to tell her about everything that happened.

Write a letter. You must include details of the following:

- The names of both of the people getting married
- A description of where the wedding took place
- Details of the most interesting moment of the ceremony

Make sure your letter is friendly and informative. You can add further details if you wish.

(Word limit for each topic is 150-200 words)

#### 3. Read the abridged form of the novels "Oliver Twist" and "Great Expectations" by Charles Dickens and write book reviews.

Your review must include:

- Title and author's name
- List of the main characters
- Vocabulary with meanings (15-20 words)
- A summary of the story's plot (180-200 words)
- Give your balanced opinion about the book, including some of its positives and some of its negatives.

#### 4. Watch this movie "Kung Fu Panda 2008" and write a review. Include following points in your review.

- Title and director's name
- A summary of the movie's plot (180-200 words)
- Describe two main characters with their names, brief description of character sketch and pictures

	<ul style="list-style-type: none"> <li>Describe your favourite scene of the movie</li> <li>our recommendations to your fellows</li> </ul> <p><b>5. Grammar Practice</b> Write <b>ten</b> examples each of the following grammar topics. Active to Passive Voice (present, past, future indefinites) Direct to Indirect (Assertive, Imperative, Interrogative and Universal truth) and Clauses and Phrases.</p>				
<b>Art</b>	<ol style="list-style-type: none"> <li>Practise quick sketching of any random object from your surrounding on weekly basis and keep in mind the stroke practice you use to do daily in your Art lesson.</li> <li>Truck art is a popular form of regional decoration, with trucks featuring elaborate floral patterns and calligraphy. It is especially common in Pakistan and India . Create any 2 Truck Art inspired art pieces on 1×1 feet canvas and colour them in vibrant tones.</li> <li>Recreate Mona Lisa with a twist.</li> <li>Recreate any 4 paintings from the following famous paintings on any size canvas any paint medium can be used. <ul style="list-style-type: none"> <li>The Scream by Edward Munch</li> <li>Vase with 12 sunflowers by Vincent Van Gogh</li> <li>Starry night by Vincent Van Gogh</li> <li>Almond blossoms by Vincent Van Gogh</li> <li>Water lilies by Claude Monet</li> <li>Wheat field with Cypresses by Vincent Van Gogh</li> </ul> </li> </ol>				
<b>General Science</b>	<p><b>Questions</b></p> <ol style="list-style-type: none"> <li>Read chapter 1 (PLANT SYSTEMS), chapter 2 (HUMAN ORGAN SYSTEMS) and chapter 3 (Healthy life style).</li> <li>Write the Answers of any 15 short questions from each of chapters 1 and 2</li> <li>Write the Answers of any 3 long questions from each of chapters 1 and 2</li> </ol> <p><b>PROJECTS</b> Each student selects and completes at least one 3D project from the following:</p> <ol style="list-style-type: none"> <li>The human respiratory system</li> <li>The human circulatory systems.</li> <li>Collect seeds, flowers and leaves of different plants on the basis of differences in their colors, venation, shape of lamina, leaf margin (small/wavy)</li> <li>A nerve cell.</li> </ol>				
<b>History &amp; Geography</b>	<table border="1"> <thead> <tr> <th>Written Work</th> <th>Project Work</th> </tr> </thead> <tbody> <tr> <td> <ul style="list-style-type: none"> <li>Write the main features of Akbar's reign.</li> <li>Why is Humayun considered the weakest of the Mughal emperors?</li> <li>What do you know about Akbar's nine jewels?</li> </ul> </td> <td> <ol style="list-style-type: none"> <li>Mughal Dynasty <ul style="list-style-type: none"> <li>Create a poster of a battle between Babur and Ibrahim Lodhi</li> <li>Collect and paste pictures of Mughal Emperors</li> </ul> </li> <li>Settlements and Land use <ul style="list-style-type: none"> <li>Visit a small settlement near your home town, interview people living there, find out about their lifestyle and economic conditions,</li> <li>Suggest ways of improving living conditions (sanitary, education and economic wellbeing) of the people there.</li> </ul> </li> </ol> </td> </tr> </tbody> </table>	Written Work	Project Work	<ul style="list-style-type: none"> <li>Write the main features of Akbar's reign.</li> <li>Why is Humayun considered the weakest of the Mughal emperors?</li> <li>What do you know about Akbar's nine jewels?</li> </ul>	<ol style="list-style-type: none"> <li>Mughal Dynasty <ul style="list-style-type: none"> <li>Create a poster of a battle between Babur and Ibrahim Lodhi</li> <li>Collect and paste pictures of Mughal Emperors</li> </ul> </li> <li>Settlements and Land use <ul style="list-style-type: none"> <li>Visit a small settlement near your home town, interview people living there, find out about their lifestyle and economic conditions,</li> <li>Suggest ways of improving living conditions (sanitary, education and economic wellbeing) of the people there.</li> </ul> </li> </ol>
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<b>Urdu</b>	<p>خطوط نویسی:</p> <ol style="list-style-type: none"> <li>والد صاحب کے نام اپنی تعلیمی صورت حال بتانے کے لیے خط تحریر کریں۔</li> <li>والد صاحب کے نام خط سالانہ امتحان کا نتیجہ بتانے کے لیے خط تحریر کریں۔</li> </ol>				

	<p>3- والد صاحب کے نام کچھ رقم کے حصول کے لیے خط لکھیں۔</p> <p>4- والد صاحب کے نام خط میں تعلیمی و تفریحی سفر کی اجازت لینے کے لیے اپنی خواہش کا اظہار کریں۔</p> <p>5- چچا کے نام انعام کی یاد دہانی کے لئے خط تحریر کریں۔</p> <p><b>درخواست نویسی:</b></p> <p>1- ہیڈ ماسٹر صاحب کے نام بیماری کی وجہ سے رخصت کی درخواست تحریر کریں۔</p> <p>2- ہیڈ ماسٹر صاحب کے نام درخواست برائے ضروری کام لکھیں۔</p> <p>3- والدہ کی بیماری کی وجہ سے تیمارداری کے لئے رخصت کی درخواست ہیڈ ماسٹر / ہیڈ مسٹریں صاحبہ کے نام تحریر کریں۔</p> <p>4- سکول چھوڑنے کے لیے ہیڈ ماسٹر صاحب کے نام سکول سرٹیفکیٹ کے لیے درخواست تحریر کریں۔</p> <p>5- ہیڈ ماسٹر صاحب کے نام درخواست برائے دوبارہ داخلہ لکھیں۔</p> <p><b>مضامین:</b></p> <p>1- علامہ اقبال 2- قائد اعظم 3- عید الفطر 4- میر اپنیدیدہ مشغلہ 5- ایک یادگار واقعہ</p> <p><b>سرگرمیاں:</b></p> <p>1- علامہ اقبال کی دس نظموں کے دو دو بہترین اشعار جو آپ کو پسند ہوں لکھیں۔</p> <p>2- اپنی پسندیدہ کتاب کے بارے میں بتائیں جو آپ نے چھٹیوں میں پڑھی ہو۔</p> <p>3- ماہنامہ "نونہال" کا مطالعہ کریں اور اس میں سے اپنی پسند کی پانچ کہانیاں تحریر کریں۔</p>
<b>Islamiyat</b>	<p>اسلامیات۔ عقیدہ ختم نبوت قرآن مجید اور احادیث کی روشنی میں۔ آسمانی کتابوں پر ایمان۔ فرشتوں پر ایمان: تمام اسباق کے سوالات لکھیں اور یاد کریں۔ ترجمہ القرآن۔ پارہ نمبر تین۔ رکوع نمبر ایک سے آٹھ۔ تمام موضوعات کی فہرست تیار کریں۔</p>
<b>Computer</b>	<p><b>Reading</b></p> <ol style="list-style-type: none"> <li>Chapter 1 ICT Fundamental</li> <li>Chapter 2 Application Software</li> </ol> <p><b>Activities</b></p> <ol style="list-style-type: none"> <li>Draw the Model of Information Technology and Online Booking System with example (Buy online pizza and paste order slip) on Hard Chart.</li> <li>Make a Soft board displaying with scrap components of Computer, and label with detail.</li> <li>Collect the pictures of any five devices that are based on AI (Artificial Intelligence).</li> <li>Using MS PowerPoint make simple slide show of your holiday's activities.</li> </ol> <p><b>Written Work</b></p> <ol style="list-style-type: none"> <li>Identify any 10 components of a motherboard</li> <li>Describe the difference between RAM and ROM (with examples).</li> <li>Describe 10 advantages of ICT.</li> <li>You want to book a plane ticket online; describe what you will do.</li> <li>Describe 5 advantages of an ATM (for the bank or the customer).</li> <li>Describe how biometrics work?</li> <li>Explain Virtual Reality.</li> <li>Describe a Multimedia Presentation.</li> <li>Describe 5 different elements of text format.</li> <li>Describe the steps taken to insert a picture into multi-media presentation.</li> <li>Describe the steps taken to insert a video into multi-media presentation.</li> <li>Describe how animations can affect a multi-media presentation.</li> <li>Describe the steps taken to insert a sound into multi-media presentation</li> <li>List the steps for adding animations to text.</li> <li>Describe PowerPoint?</li> </ol>

<b>Math</b>	<b>Ch 1 Sets</b> Ex 1.4. Q1-7 Review Ex 1 Q1-10  Ch 2 Ex 2.2 Ex 2.3 Review Ex 2, Q1 -9  Ch 3 Square and square roots Ex 3.1, Q1-5 Ex 3.2, Q1, 2, 3
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Q 3:

**Sharing in a given ratio**

1) Jenny and Sharon share 14 toffees in the ratio 2:5. Draw how many each gets in the boxes:

Jenny	Sharon		Total for Jenny: <input style="width: 40px;" type="text"/>
<div style="border: 1px solid black; width: 60px; height: 60px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 60px; height: 60px; margin: 0 auto;"></div>		Total for Sharon: <input style="width: 40px;" type="text"/>

2) Mike and Neil share 16 mints in the ratio 1:3. Draw how many each gets in the boxes:

Mike	Neil		Total for Mike: <input style="width: 40px;" type="text"/>
<div style="border: 1px solid black; width: 60px; height: 60px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 60px; height: 60px; margin: 0 auto;"></div>		Total for Neil: <input style="width: 40px;" type="text"/>

Q 4:

1. Simplify these ratios.

a 4:2     b 8:6     c 8:12     d 5:15

2. Each pair of ratios is equivalent. Work out the values of the letters.

a  $1:2 = 3:x$      b  $7:21 = p:42$      c  $2:5 = n:25$

Q 5:

Write each ratio in its simplest form.

a 2cm:5m     b 8mm:12cm   
 c 25g:3kg     d 6mm:5m

Q 6: Solve the following word problems:

1.

Mary needs to order pizza for 18 students. Each student should get  $\frac{1}{4}$  of a pizza. How many pizzas should Mary order? How much pizza will be left over?

2.

Mario was making cookies. He mixed  $2\frac{1}{2}$  cups of flour,  $1\frac{1}{4}$  cups of sugar and  $\frac{1}{2}$  cup of brown sugar together in a bowl. How many cups did he have altogether?

3.

Joe had 21 pennies, but then he lost 11 pennies. His friend gave him 5 more pennies. How many pennies does Joe have now?

4.

Karlie makes \$8.00 per hour. Karlie worked 16 hours in one week. Karlie wants to purchase a bike that costs \$70.00. How much money will Karlie have after she purchases the bike?

**Q1. Find the HCF for each of the following using prime factorization.**

a. 48 and 56

b. 52 and 72

**Q2. Find the LCM for each of the following.**

a. 32, 40, 36

b. 40, 25, 100

Find the value of each of the following. Show your working clearly in the space provided.

a.  $25 + 38 - 45$

b.  $120 - 21 + 48$

c.  $72 \times 3 \div 8$

d.  $144 \div 6 \times 9$

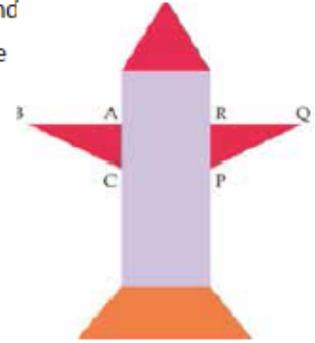
e.  $(25 + 30) \div (28 - 27)$

f.  $(87 - 65) \times (90 - 81)$

Q.3. Set up the equations and solve them to find the unknown numbers in the cases given below:

- 1) If you add 6 to five times a number, it gives 46.
- 2) Two-third of a number minus 5 gives 11.
- 3) If you take onethird of a number and add 4 to it, gives 45.
- 4) When person X subtracts 12 from thrice of a number, it gives 18.
- 5) When Jenny subtracts twice the number of pens, she has from 40, she gets 16.
- 6) Virat guesses a number. If he adds 18 to that number and then divides the sum by 6, he gets answer 7.
- 7) Ami guesses a number. If she subtracts 8 from two third of a number, she gets 6

Q.4. Draw these 2 triangles using same color. Cut out these triangles and paste on appropriate position for aero plane wings as given in the figure below. How many more congruent triangles can be drawn in the given figure. Draw them



Q.5. The students will be given some road signs. They will draw the line of symmetry if any. If there is no line of symmetry then they will mention that the figure is non symmetric. They will name the road sign and explain in a sentence its meaning.

