



Sadiq Public School

Do the right, fear no man

Summer Assignment 2022

P6

English

Complete all questions in a separate copy book. Your work will be marked and returned to you within a week of being submitted (on the first day of next Term).

1. Refer to the worksheets linked below:

<https://www.ereadingworksheets.com/reading-comprehension-worksheets/nonfiction-reading-test-honey-badgers.pdf>

<https://www.ereadingworksheets.com/reading-comprehension-worksheets/nonfiction-reading-test-koko.pdf>

<https://www.ereadingworksheets.com/reading-comprehension-worksheets/nonfiction-reading-test-google.pdf>

Copy the questions on each worksheet into your copybook and then write your responses below.

2. Write a creative, interestingly-plotted story on each of the following topics. (Write between 180 and 200 words)

- The most surprising thing I found in the old house was...
- When we found the genie's lamp we decided to...
- My best friend and I were in the worst fight ever. It all started when...

3. Read the novels; 'The Railway Children' and 'Oliver Twist' (abridged) and write a review of each book. Your reviews must include:

- The title and author's name as the heading
- Write a plot summary of the book and in that, introduce the main characters
- Write 2-3 positive comments about the book and at least one negative comment about the book.
- Who do you recommend this book to? Readers of _____ would enjoy this book because....

Write a vocabulary list from each book (25 words – write the word, the page on which it appears, and its meaning as it is used in the novel).

4. Watch the movie, 'Coco' and write a review of it. Include the following points in your 180-200 word review.

- The title and director's name as the heading
- Write a plot summary of the movie and in that, introduce the main characters
- Describe your favourite scene of the movie.
- Write 2-3 positive comments about the movie and at least one negative comment about the movie.
- Who do you recommend this movie to? Those who liked _____ would enjoy this movie because....

Grammar: Write ten examples each of the following grammar concepts .

Active to passive (present, past, future indefinites)

Direct to Indirect (assertives, imperatives, universal truth and interrogatives) clauses and phrases (noun, adverb, adjectives).

<p style="text-align: center;">Art</p>	<p>1. Write any 3 names of Allah in Arabic calligraphy on a 30cm x 30cm page and paint them (one name per page).</p> <p>2. Recreate any 3 paintings from the following famous paintings, you can use 30cm x 30cm page or portrait size page.</p> <ul style="list-style-type: none"> • The Scream by Edward Munch • Vase with 12 sunflowers by Vincent Van Gogh • Starry night by Vincent Van Gogh • Almond blossoms by Vincent Van Gogh <p>3. Create a beautiful Doodle art on a 30cm x 30cm page and colour it</p> <p>4. Practise quick sketching of any object from your surroundings on a weekly basis and keep in mind the stroke practice you use in your Art lessons.</p>
<p style="text-align: center;">General Science</p>	<p>1. Read Chapter 1 (Science around us), Chapter 2 (Cells, tissues, organs, organ system) and Chapter 3 (Food and digestion).</p> <p>2. Write the Answers of any 15 short questions from each chapters 1 and 2</p> <p>3. Write the Answers of any 3 long questions from each chapter 1 and 2</p> <p>4. Make a large chart/wall poster of a labeled diagram of one of the following:</p> <ul style="list-style-type: none"> • a plant cell • an animal cell • any 5 laboratory apparatus • a light microscope • any human organ
<p style="text-align: center;">History/ Geography</p>	<p>1. Explain the social structure of the Egyptian civilization.</p> <p>2. Make a large chart/wall poster of one of the following: (Egyptian Civilization)</p> <ul style="list-style-type: none"> • The main features of Egyptian civilization • Religion • Daily Life • Architecture • Mummification <p>3. Use Physical maps to show the locations of Climatic Zones of the world and Pakistan.</p>
<p style="text-align: center;">Urdu</p>	<p style="text-align: right;">مضامین:</p> <p>1- خدمت خلق، 2- پاکستان کے صوبے، 3- محنت کی عظمت، 4- میری پسندیدہ شخصیت، 5- کرکٹ میچ کا آنکھوں دیکھا حال۔</p> <p style="text-align: right;">خطوط نویسی:</p> <p>دوست کے نام خط لکھ کر ہاسٹل کی زندگی کے بارے میں بتائیں۔ والدہ کے نام خیریت دریافت کرنے کا خط لکھیں۔ چچا کے نام ساگرہ کے تحفے کے شکریہ کا خط لکھیں۔ کھیلوں کی اہمیت کے حوالے سے چھوٹے بھائی کے نام خط لکھیں۔ بھائی کے نام خط لکھ کر غیر نصابی سرگرمیوں کی اہمیت سے آگاہ کریں۔</p> <p style="text-align: right;">درخواست نویسی:</p> <p>1- درخواست برائے رخصت بیماری، 2- درخواست برائے دوبارہ داخلہ، 3- درخواست برائے حصول سرٹیفکیٹ، 4- درخواست برائے رخصت شرکت شادی، 5- درخواست برائے رخصت ضروری کام۔</p>

کہانی نویسی:

1- جھوٹ کی سزا 2- نیکی کا بدلہ 3- اتفاق کی برکت 4- جیسا کرو گے ویسا بھرو گے 5- نا اتفاق کا انجام

سرگرمیاں:

دو کہانیوں جھوٹ کی سزا اور اتفاق کی برکت پر مشتمل ایک بک لٹ (کتابچہ) تیار کریں نیز کہانیوں کے مطابق تصاویر چسپاں کریں۔
ا، آ اور ب کے دس دس الفاظ کے معانی لغت سے تلاش کر کے لکھیں۔

1. Write the following statements into symbolic form.

- 5 is an element of set N.
- 15 is an element of set N.
- 0 belongs to the set A.
- c is not element of the set C.
- Punjab does not belong to the set K.
- Mango does not an element of set F.
- 1 is not an element of the set E.
- Ravi is an element of the set J.

2: Write the names of the sets represented by the following letters.

- N =
- W =
- E =
- P =
- O =

3: Are these sets or not? (Yes or No?)

- $A = \{1, 2, 3, 4\}$
- $B = \{1, 2, 2, 3\}$
- $C = \{k, i, n, g\}$
- $D = \{b, a, l, l\}$
- {the set of Pakistani singers}

Math

4: List the elements of the following sets.

- The set of five countries
- The set of three games.
- The set of first ten natural numbers.
- The set of first eight even numbers.
- The set of vowels.
- The set of seven days of week.
- The set of colors of Pakistan's flag.
- The set of five rivers of the Punjab.
- The set of three Islamic months.
- The set of colors of Sadiq Public School's badge.
- The set of the alphabets of your name.

5: Write the following statements into symbolic form.

- 5 is an element of set N.
- 15 is an element of set N.
- Rida belongs to the set A.
- 1 is not element of the set E.
- pencil belongs to set S

6: Whether the following are sets are not.

- $A = \{1, 2, 3, 4\}$
- $B = \{1, 2, 4, 4\}$
- $C = \{k, i, n, g\}$

- iv. $D = \{c, a, l, l\}$
- v. {the set of Pakistani cricketers}

8: List the elements of the following sets.

- i. The set of five countries
- ii. The set of three games.
- iii. The set of first ten natural numbers.
- iv. The set of first eight even numbers.
- v. The set of vowels.

9. Write the names of the sets represented by the following letters.

- i. $N =$
- ii. $W =$
- iii. $E =$
- iv. $O =$
- v. $Z =$
- vi. $P =$
- vii. $C =$

10. Define set and name the methods in which we can express a set?

11. Define the followings

- i. Factor
- ii. Multiple
- iii. Prime numbers
- iv. Composite numbers
- v. Even numbers
- vi. Odd numbers

12. Write all the factors of:

- i. 21
- ii. 36
- iii. 48
- iv. 99
- v. 56
- vi. 121

13. Write the first five multiples of:

- i. 3
- ii. 5
- iii. 9
- iv. 12
- v. 18

14. List all the prime numbers between 32 and 48.

15. Find the prime factors (by using factor tree method) of:

- i. 24
- ii. 36
- iii. 60
- iv. 72
- v. 108
- vi. 462
- vii. 390
- viii. 770

16. Find the prime factorization by using division method.

- i. 20
- ii. 36
- iii. 216
- iv. 5250
- v. 441
- vi. 2310
- vii. 98
- viii. 225
- ix. 392
- x. 256
- xi. 2058
- xii. 1248

17. Find HCF using prime factorization.

- i. 12, 18
- ii. 22, 55
- iii. 36, 54
- iv. 24, 48
- v. 22, 132
- vi. 60, 72
- vii. 16, 54, 84
- viii. 22, 55, 110
- ix. 56, 189, 175

18. Find HCF using the long division method.

- i. 72, 184
- ii. 63, 112
- iii. 314, 334
- iv. 234, 538, 678
- v. 155, 341, 1302
- vi. 405, 513
- vii. 399, 665, 1463
- viii. 128, 340
- ix. 276, 161

19. Find LCM of the following numbers by prime factorization method.

- i. 18, 24
- ii. 16, 40
- iii. 12, 18, 24
- iv. 20, 32
- v. 20, 135
- vi. 25, 35, 45

20. Find LCM using long division method.

- i. 27, 81, 54
- ii. 112, 120, 150
- iii. 210, 140, 315
- iv. 18, 45, 63
- v. 144, 180, 300
- vi. 35, 55, 100

21. Find all common factors of the followings.

- i. 4, 6 and 10
- ii. 22, 44 and 66

	<p>22. Use the divisibility tests to answer the following (Yes or No?)</p> <ol style="list-style-type: none"> Is 3692 divisible by 2? Is 5361 divisible by 3? Is 1215 divisible by 5? Is 3692 divisible by 4? Is 3500 divisible by 4? Is 2472 divisible by 6? Is 7424 divisible by 8? Is 89000 divisible by 8? Is 531 divisible by 9? Is 12340 divisible by 10? 												
Islamiat	<p>1. عقیدہ توحید عقیدہ رسالت کے تمام سوالات لکھنا اور یاد کرنا ہیں۔ ترجمہ القرآن۔ پارہ نمبر ایک۔ رکوع نمبر ایک سے سات اہم موضوعات کی فہرست تیار کریں</p>												
Computer	<p>Unit 1: Introductions to Information Communication Technology</p> <ol style="list-style-type: none"> Define information communication technology? Use information in Chapter 1 to answer the following: <ol style="list-style-type: none"> Make a diagram of the functions of a computer. Define all the functions of a computer. Make a table and write the differences between <ul style="list-style-type: none"> -Input and Output devices -SRAM and DRAM Match the terms: <table border="1" data-bbox="344 1181 1529 1525"> <tr> <td>System unit</td> <td>Shows information on a screen</td> </tr> <tr> <td>Monitor</td> <td>Pointing device used to input data</td> </tr> <tr> <td>Scanner</td> <td>Outputs words music or records</td> </tr> <tr> <td>Speaker</td> <td>Used to type letters numbers and symbols</td> </tr> <tr> <td>Mouse</td> <td>Input device that takes information from a page and puts it into the computer</td> </tr> <tr> <td>Keyboard</td> <td>Contains hardware that process data also known as CPU</td> </tr> </table> <ol style="list-style-type: none"> Describe the differences between a laptop computer, a desktop computer and a tablet computer. Write the main purpose of designing a GPU. Describe the differences between a hard disc and floppy disk. <p>Unit 2 System Software</p> <ol style="list-style-type: none"> What is the difference between software and system software? How do a user and a system communicate? Define 'operating system' and describe its basic function. Describe the differences between a soft real time and a hard real time operating system. Define and describe Utilities. Draw a diagram of a Batch system. <p>Project Work: Do one of the following: 1. Create a model of a room security alarm system which beeps when there is an intruder in the room. You can get help from the following YouTube videos: https://bit.ly/39wedlU https://bit.ly/3NnJV3q</p>	System unit	Shows information on a screen	Monitor	Pointing device used to input data	Scanner	Outputs words music or records	Speaker	Used to type letters numbers and symbols	Mouse	Input device that takes information from a page and puts it into the computer	Keyboard	Contains hardware that process data also known as CPU
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	<p>2. Computer topology is the physical arrangement of computers in the computer labs. Make a model of all topologies. You can get help from the following YouTube video: https://bit.ly/380qIFW</p>
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