



St. Anthony's High School Faisal Town Lahore



8A Holidays Homework 2022

Name: _____

Admission No: _____

Instructions:

Homework needs to be submitted in hard copy by 25th of July 2022.

Students can also submit all the work through email to the relevant teacher before 25th of July 2022. Answers can be written on word document. All the work sent through email should be saved properly labelled with class, name and admission number. Eg. 6ASamKim1598.

English:

Assignment # 1

What is the origin behind the given phrase. Elucidate three incidents where this phrase helped you to keep yourself calm.



Assignment # 2

Select one family member from the given list to write his/her Biography:

1. Mother
2. Father
3. Grandmother
4. Grandfather

Follow the given steps to make this biography exciting and valuable:

1. Research on noteworthy achievements, attributes, moments of adversity and major turning points of life.
2. Structure the timeline of major events of life.
3. Create a flashback in the form of pictures(images).
4. Include your own thoughts and opinion that why this person deserves to be written about.

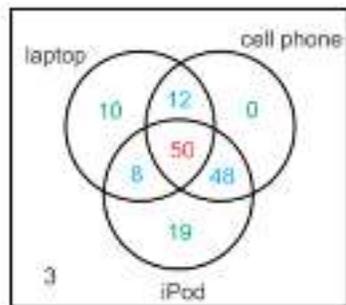
Reading Assignment:

Read the following novel “The Jacket” and throw light on Darrell Standing’s character.

<https://freeditorial.com/en/books/the-jacket>

Mathematics:

1. Make Venn diagram which shows the relationship between Solids and Liquids.
2. A class of 28 students were surveyed and asked if they ever had dogs or cats for pets at home. 8 students said they had only ever had a dog, 6 students said they had only ever had a cat. 10 students said they had a dog and a cat. 4 students said they had never had a dog or a cat.” Use Venn Diagram to explain your answer.
3. By using Venn Diagram do a comparison between YouTube and Instagram, which is more effective for vlogging?
4. At a school of 500 students, there are 125 students enrolled in Algebra, 257 students who play sports and 52 students that are enrolled in Algebra and play sports. Create a Venn diagram to illustrate this information.
5. In a survey of 150 high school students a data was collected, given in the figure. Explain the diagram in your words.

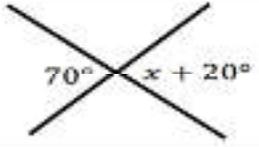
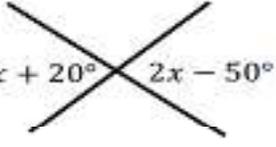
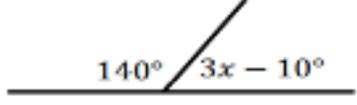


6. Using Venn Diagrams, verify the following results.
 - i. $A \cap B' = A$
 - ii. $A \cap B = \emptyset$
7. Out of forty students, 14 are taking English Composition and 29 are taking Chemistry. If five students are in both classes:
 - i. How many students are taking English Composition only?
 - ii. How many students are taking Chemistry only?
 - iii. How many students are in neither class?

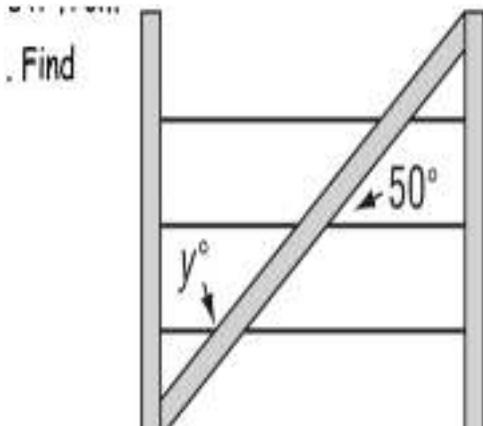
iv. How many students are in both classes?
Also make Venn Diagram.

8. Write down at least 5 real life examples of parallel line.
9. Solve the following:

Use the diagram to write down an equation, with a reason, in order to calculate the value of x :

		Statement	Reason
(a)			
(b)			
(c)			

10. A diagonal brace strengthens the wire fence and prevents it from sagging. The brace makes a 50-degree angle with the wire as shown. Find the value of the variable.



Prime Numbers–Why are They So Exciting?

<https://kids.frontiersin.org/articles/10.3389/frm.2018.00040>

Biology:

Activity:

<https://www.youtube.com/watch?v=dYnpI9cdIF4>

- Click on the above mentioned link and answer the following questions.
 - i. Write down the definition of fertilizers in your own words.
 - ii. Write down the names of the nutrients which increases soil capacity to promote plant growth.
 - iii. What is the difference between natural nutrients and micro nutrients?
 - iv. What is the role of bacteria in increasing the fertility of soil?
 - v. List down the food items that are generally spoiled by the presence of bacteria. Taking any one example explain how it can be prevented.

Chemistry:

Activity:

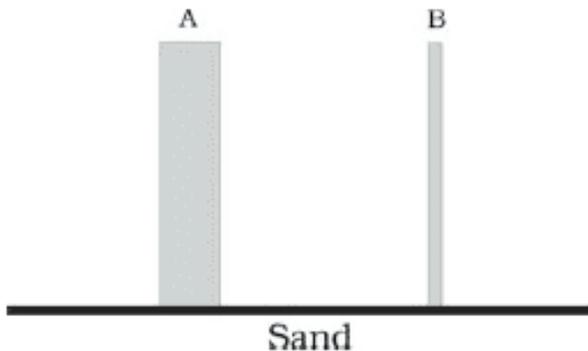
LPG: Use and Protection

Procedure:

1. Find out the cooking gas used at your home. It is a pipeline gas or a LPG cylinder?
2. What precautions your family members take during the use of the cooking gas?
3. What precautions your family members take after using the cooking gas?
4. If any leakage occurs, what steps one should take?

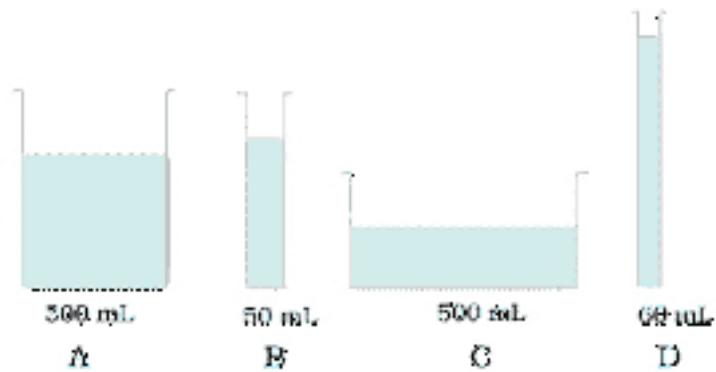
Physics:

1. An archer shoots an arrow un the air horizontally. However, after moving some distance, the arrow falls to the ground. Explain why the arrow ultimately falls down.
2. Two rods of the same weight and equal length have different thickness. They are held vertically on the surface of sand as shown in figure. Which one of them will sink more? Why?



3. Two women are of the same weight. One wears sandals with pointed heels while the other wear sandal with flat soles. Which one would feel more comfortable while walking on a sandy beach? Give reasons for your answer.
4. It is much easier to burst an inflated balloon with a needle than by a finger. Explain.

5. Observe the vessels A, B, C and D shown in figure carefully.



Volume of water taken in each vessel is as shown. Arrange them in order of decreasing pressure at the base of each vessel. Explain.

Geography:

Instructions:

1. Give a suitable caption to each image.
2. Identify the basic issue.
3. Elucidate two major reasons that gave birth to this issue.
4. Suggest two safety measures of daily routine to control it.



- 1.
- 2.
- 3.
- 4.



- 1.
- 2.
- 3.
- 4.



- 1.
- 2.
- 3.
- 4.

History:

Assignment 1:

Q1. Make power point presentation relating current political situation with British time's in the sub-continent?

Assignment 2:

The Decline of the Mughal Empire.

Q1: Explain the cause of the weakness of Aurangzeb's successors from Bahadur Shah I to Muhammad Shah?

Q2. Draw a timeline of Aurangzeb's successors from 1707 to 1857. Write their names with dates of their reigns.

Q3. What were results of Nadir Shah's invasion in 1739?

Computer:

- Make your home budget for the month of June and find the total expenses and saving of the month. (for total please apply function (sum(val 1: val2)). And make a Bar chart(graph) in spread sheet based on the home budget.
Link: https://youtu.be/QjLXxPD2_Ho
- Collect the data about the weather of the month of June and find the maximum and minimum temperature of the month by the help of the functions.
- Make slide show about the latest top 10 IT based inventions.
(Slide not more then 12, font size 32-40, font style "Times New Roman", picture in every slide is compulsory, slides should be designed well and presentable)

Arts:

Instructions:

- Write activity details in the sketchbook index page.
- Watch the video link carefully.
- Prepare the activity as the same.
- Make sure that each point of coloring steps followed as instructed in the video link.
- Marks will be given according to the activities.

Attempt activities according to the given link.

Activity No.1: Click on the video link and make the same scenery according to the video.

Topic: Landscape paper collage.

Material: Sketchbook, colored paper/ newspaper collection, UHU tube, led pencil, black marker for outline.

Video link:<http://youtube.com/watch?v=MfjNyca8FYI>

Activity No.2: Click on the video link and make the craft activity according to the video.

Topic: Woolen landscape scenery

Material: Sketchbook, colorful wool thread/tissue paper (any of your choice), UHU glue, scissors.

Video link: <http://youtube.com/watch?v=HO6QpPU1Ims>

Urdu:

چھٹیوں کا کام برائے جماعت ہشتم اے

مضمون اُردو

اپنے پسندیدہ شاعر کی کوئی سی دو نظمیں کاپی پر لکھیں اور ان کی تشریح کریں نیز یہ بھی بتائیں کہ آپ کو یہ شاعر کیوں پسند ہیں؟
مضمون، عیدین، زمزم دونوں مضامین کو خوشخط لکھیں۔

کہانی، جس کا کام اُسی کو سا بچے

خط۔ اپنے والد کے نام خط لکھیں اپنے سہ ماہی امتحانات کے نتیجے کی روداد بیان کریں۔

درخواست۔ اپنے سکول کے ہیڈ ماسٹر کے نام بیماری کی درخواست لکھیں۔

تخلیقی کام

پاکستان کی موجودہ سیاسی صورت حال پر اخبار یا میگزین کے لیے کالم تحریر کریں۔

ڈپٹی نذیر احمد کے ناول "توبہ ء النصح" کا مطالعہ کریں اور درج ذیل سوالات کے جوابات دیں۔

ناول کے مصنف ڈپٹی نذیر احمد کی ادبی زندگی کا مختصر جائزہ لیں۔

"توبہ ء النصح" کے تمام کرداروں کا مختصر تعارف بیان کریں۔

"توبہ ء النصح" سے ہمیں کیا اخلاقی سبق ملتا ہے؟

Islamiyat:

- حج کی فضیلت اور اس کی اہمیت پر نوٹ لکھیں اور مختصر سلائیڈ شو تیار کریں۔ (نوٹ سلائیڈ شو اور مختصر نوٹ اردو ٹائپنگ میں ہونا چاہئے۔)

- سورہ البلد کو صحیح تجوید کے ساتھ حفظ کیا جائے اور ترجمہ یاد کیا جائے
- پارہ نمبر ۶ کو بمعہ ترجمہ پڑھا جائے

جانداروں سے شفقت اور رحم سے متعلق اسلامی تعلیمات پر نوٹ لکھیں اور ۲ احادیث اور قرآنی آیات کا ترجمہ لکھیں