English Homework Class 5

Reading:

Fish In A Tree: Read Chapter 37-40

Activity:

On an A4 sheet, make a poster of your favourite Fish In A Tree character. Write two reasons why he/she is your favourite character (word limit 120 words).

Reading Eggspress

Homework assigned on Reading Eggspress.

- a) Adaptation
- b) Salvetti Versus Sim

Comprehension

(All work to be done in the Grammar copy)

From Oxford English Cambridge Primary

- 1) Page 74
 - a. Activity A
 - i. Question 1

Creative Writing

(All work to be done on a file paper)

Task 1) Choose <u>ONE</u> of the topic sentences given below. Support the topic sentence with <u>3</u> supportive arguments. Finish with a concluding sentence. (Word Limit: 60-80 words)

- a) I want to build a treehouse in my backyard.
- b) I told my parents that I am old and responsible enough to stay at home alone.
- c) My favourite time of the year is _____. (season)

Task 2) Text book Page 138. (Word Limit: 60-80 words)

- a. Persuasive Words
 - i. Activity C

Suggested Reading (not on reading eggspress)

- a) The Little Princess- F.H Burnett
- b) Born To Run- Michael Morpurgo (or any other book by this author)

Mathematics Homework Class 5

- Revise multiplication tables from1 till 13;
- Activities:
 - Watch the video and follow the instructions: https://www.youtube.com/watch?v=Wgun4nvclTM;
 - Take a look around your room. Identify as many acute, right and obtuse angles as you can;
- Complete all your pending Myimath Homework;
- Solve the given questions either on your homework notebooks OR if you have a printer <u>available at home</u>, take a printout and solve the questions there.

Worksheet # 1

<u> </u>
Q1. Answer the following.
a. Write <u>5906.56</u> in words:
b. Round off 456.78 to the nearest tenths:
Q2. Arrange in descending order.
4.145, 3.768, 4.245, 3.096

Q3. Solve.

a.
$$345.45 + 78.25 =$$

c.
$$23.45 \times 2.45 =$$

Q4. A website charges a fixed amount for each song download. If you can download one song for Rs 84.68, then how much would it cost to download six songs?

Q5. Write each value as a decimal.

b.
$$\frac{5}{20} =$$

C.
$$\frac{765}{100} =$$

Q6. Solve.

$$a.\frac{5}{12} + \frac{7}{10} =$$

b.
$$\frac{8}{15} - \frac{1}{5} =$$

C.
$$\frac{49}{8} \times \frac{24}{14} =$$

Q7. Find the LCM and HCF of 25 and 35.

- Q8. A bag has 250 green and purple marbles. Two-fifths of the marbles are green, and the rest are purple.
 - a. How many purple marbles are there?
 - b. How many green marbles are there?

Q9. Fill in the blanks.

b.
$$0.7 \div 1000 =$$

Q10. Arrange the following in ascending order.

a) 4.15,
$$4\frac{1}{5}$$
, 40%, $\frac{8}{5}$, 5.75, 33%

b) 3.33, 55%,
$$2\frac{1}{5}$$
, 5.56, 28%, $\frac{19}{5}$

Worksheet # 2

Q1. Look at this number: 4,173,904

- a) Write the digit that is in the ten hundreds place: _____
- b) Write the above digit in words:

- c) Round off the above number to the nearest thousands: _____
- d) Write the expanded form of the given number:

Q2. Fill in the blanks.

b.
$$0.8 \div 1000 =$$

Q3. Solve:

a)
$$32.8 \times 40.2 =$$

b)
$$56 - 24 \div 8 \times 2 =$$

c)
$$46 + 3.568 =$$

Q4. Solve and write your answer in the simplest form if possible: a) $5\frac{3}{4} + 2\frac{2}{5} =$

a)
$$5\frac{3}{4} + 2\frac{2}{5} =$$

b)
$$\frac{20}{24} \times \frac{12}{40} =$$

Q5. Find LCM and HCF of 20 and 24.

Q6. Here are five number cards.

10

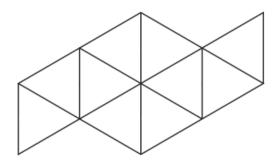
100

1000

4.07

Use four of the cards to complete the following calculations:

Q7. Shade $\frac{2}{5}$ of this shape.



Q8.Complete the following table:

Fraction	Decimal	Percentage
$\frac{3}{20}$		
	0.05	

- Q9. Arrange the following in ascending order.
- 6.15, $6\frac{1}{5}$, 64%, 6

Q10. The first two numbers in this sequence are 3.1 and 3.2.		
The sequence then follows the rule		
'to get the next number, add the previous two numbers'		
Write in the next two numbers in the sequence.		
3.1 3.2 6.3 9.5		
Q11. There is 0.625 kg of powdered milk in each tin. If a carton contains 12 tins, find the		
total mass of powdered milk in the carton.		
O12. The Payele softhall toom played 50 games and wan 25 of them		
Q12. The Royals softball team played 50 games and won 35 of them.		
a. How many games did they lose?		
b. What percent of the games did they lose?		
Q13. Draw a 130° angle on a straight line.		

جماعت پنجم كاچھٹيوں كاكام

ا مندرجه ذیل عنوانات میں سے کسی دوپر مضمون تحریر کریں: (رنگین صفحات پر)

میرے اسکول کا یاد گاردن، سالگرہ کی تیاری، میں اور میری شرارتیں

۲: اپنے گھر کے باغیچ میں سے اپنے کسی پیندیدہ پھول یا پودے کامشاہدہ کریں اور اس کے بارے میں معلومات اکھٹی کریں اور رنگین صفحے پر تحریر کریں نیز تصویر بھی چسیاں کریں۔

س:ار د ورساله تعلیم و تربیت (مارچ)پڑھیں۔

کسی دو کہانیوں کے • امشکل الفاظ کے معنی لغت کی مد دسے تلاش کریں اور بامعنی جملہ سازی میں استعال کریں۔

Science Homework Class 5

Science Spring Break Homework (Grade 5)		
Designing a Brochure	Design a brochure on ONE animal of your choice. Use an A4 sized paper of any colour. Your brochure <i>must</i> include the following things: • The animal's drawing • Its habitat (where the animal lives) • Its physical adaptations • Its behavioural adaptations • The food it eats • How it protects itself from predators • Construct a food chain using the animal you've chosen. Explain what would happen if the whole population of the animal was wiped out by disease.	
Video Worksheets	Watch the videos provided through the internet links and attempt the questions given in the worksheet. Note: If you have a printer available at home, please take a printout of the worksheets. IF NOT, please attempt it on an A4 paper by copying all the questions first.	



LAHORE GRAMMAR SCHOOL 30-MAIN GULBERG, LAHORE

2019-20

Name	Class 5	Section
Watch the video in the link below and a	answer	the questions given.
Video Title: TED- Ed: Why Are Sloths So Slow?		
Video Link: https://youtu.be/-64U7WoBrqM		
Q1) What was in the box that Thomas Jefferson	received	?
Q2) How did prehistoric sloths disperse avocado	seeds?	
Q3) What caused the prehistoric sloths to become	ie extinct	t?
Q4) How many species of sloths are left today as	nd where	e are they found?
Q5) How do animals use the energy that they ga	in from e	eating food?
Q6) Identify three strategies that sloths use to co	pe up wi	th their restricted diet.

Q7) Which animal is seen crossing the road with the sloth?
Q8) Which specie of sloth has the slowest metabolism of any mammal and why?
Q9) How do the sloths use the algae that grows on their backs?
Q10) How many animals are shown in the video apart from the sloth? Write the names of any three.



LAHORE GRAMMAR SCHOOL 30-MAIN GULBERG, LAHORE

2019-20

Name	Class 5	Section	
Watch the video in the link below and	answer	the questions given.	
Video Title: TED-Ed: The Amazing Ways Plants	Defend ⁻	Themselves	
Video Link: https://youtu.be/Hja0SLs2kus			
Q1) Which insect is seen attacking the tomato p	Q1) Which insect is seen attacking the tomato plant in the start of the video?		
Q2) Which organisms are constantly attacking p	lants to c	destroy them?	
Q3) At duration 00:57, which animal is seen hold	ding the k	kiwi fruit?	
Q4) How does the lignin found in the barks of tre	ee trunks	help the plant to defend itself?	
Q5) Which feature of leaves helps to protect the	mselves	from attackers?	
Q6) At duration 1:04, which fruit is the squirrel se	een eatin	ng?	

Q7) For each of the plant below, write down one defense mechanism that the plant uses to protect itself from attackers.

Plant	Defense Mechanism
Tomato plant	
Cactus	
Kidney bean plant	
Stinging Nettles	
Pineapples	
Mimosa plant	
Cotton plant	

Social Studies

Spring Holiday Homework Grade 5 (2019-2020)

Instructions:

- Answer all the questions neatly on lined **A4 sheets.**
- For the leaflet and poster everything should be hand drawn and colored as required.
- Please don't print or paste anything for the leaflet or the poster.
- Students can take help from further resources, but all questions and activities must be answered in their own words.

GEOGRAPHY

Activity 1:

Climate and Natural Vegetation (BIOMES)

Please open the links below to complete the activity.

Watch the video: https://www.youtube.com/watch?v=nUstYj4o2VQ

Read the Article: https://www.toppr.com/guides/science/forest-our-

lifeline/deforestation/

Design an attractive and colorful leaflet which covers the following points:

- What is deforestation?
- Causes of deforestation.
- Impact of deforestation on physical and human environment.
- > Measures that can be taken to prevent deforestation.

Activity 2:

Weather and Climate

Please open the links below to do the activity that follows:

Video 1: Climate change (according to a kid) https://www.youtube.com/watch?v=Sv7OHfpIRfU

Video 2: Climate Change: Crash Course Kids #41.2 https://www.youtube.com/watch?v=SzcGTd8qWTg

Make a poster with recyclable material that covers the following points:

- What is climate change?
- What effect it has on our daily lives?

HISTORY

Task1:

INDUS VALLEY CIVILIZATION

Six causes of Decline of the Harappan Culture

The decline of Harappan culture has evoked the historians to find out its causes.

1. Law of Nature:

Renowned historian Arnold Joseph Toynbee has categorized the decay of a culture as its final stage after a culture is born and grows to its highest point of efficacy. The Harappan culture was no exception to this general law of nature. Its decline set in around 1800 B.C. and in course of time came its extinction.

2. Floods:

The massive floods in the Indus must have been a potent cause for the extinction of the Harappan culture. The point is proved by the silt-clay that covers the collapsed houses at Mohenjo-Daro. Repeated floods must have forced the people to flee the inundated places and set up permanent habitat elsewhere. As a consequence came the decline of Harappa.

3. Earthquakes:

Geographically, the Harappan culture occupied an area that was prone to earthquakes as it came under a seismographic zone. Repeated seismographic vibrations must have led to erosion that brought down the buildings. Earthquakes constitute an important reason for the decline of Harappan culture.

4. Change of the Course of the Indus:

Some Historians attribute the decline of the Harappan culture to the river Indus changing its course frequently. As such the Indus delta shifted away from Mohenjo-Daro and water became scarce. Water scarcity must have led to the evacuation of the Harappan people to other places. Yet, the change of course of the Indus is not reason enough for the decline in Lothal, Kalibangan, Rupar etc. because the Mohenjo-Daro situation did not occur in these regions.

5. Plague:

Outbreak of the plague epidemic is shown as a reason for the decline of Harappan civilization. Skeletal remains from the main roads of Harappa and Mohenjo-Daro as found out through archaeological efforts tell a sad story. When an epidemic like plague visits a human habitation, it leaves its trail of death everywhere. The scattered skeletal remains therefore lead some to attribute it to epidemic like plague, though there is no concrete proof of outbreak of plague in the region.

6. Foreign Invasion:

There is archaeological proof of killing and unburied skeletal remains scattered everywhere in Mohenjo-Daro. An autopsy on these skeletons reveals damages that must have been caused by sharp objects or weapons. Knowledge and use of iron as weapons was known to the Aryans, not to the Harappan people. Defeat and death of the Harapan people must have come at the hands of the invading Aryans.

The Aryan cavalry must have been an adverse point for the Harappans who did not know the use of horses.

The multiple causes, enumerated above, were responsible for the decline of Harappan culture. Thanks to archaeological efforts, we now know a lot about this oldest urban culture of India. Indeed their town-planning, social and religious life, the Lothal port, the unique art and architecture, artifacts and pottery have led everybody to look upon them with awe and admiration. India and the world marvels at the wonder of Harappan culture. Yet, this culture could not defeat the law of nature and was, as such, not imperishable.

Answer the following question:

1. After reading the above extract, what is your opinion on how and why the Indus Valley Civilization came to an end? (Min 150 words)

Task 2:

ANCIENT CHINA

• **Geography of Ancient China:** The geography of Ancient China shaped the way the civilization and culture developed.

Open the following link and read the extract on the geography of Ancient China https://www.ducksters.com/history/china/geography_of_ancient_china.php

• The Great Wall: The Great Wall of China is a wall that covers much of the northern border of China.

Open the following link and read the extract on The Great Wall of China https://www.ducksters.com/history/china/great_wall_of_china.php

• The Terracotta Army: The Terracotta Army is a part of a massive burial tomb built for Emperor Qin Shi Huang, the first emperor of China. There are over 8,000 life size statues of soldiers buried along with the emperor.

Open the following link and read the extract on The Terracotta Army https://www.ducksters.com/history/china/terracotta_army.php

Using the information you have gathered from the links provided answer the following questions:

- 1. What was Terracotta Army and why was it built?
- 2. Why were towns built along the Great Wall and what was the wall built out of?

اسلامیات: جماعت پنجم

عنوان: حج

سا:آسان الفاظ میں بتائے کہ حج کے درج ذیل ارکان ہمیں کیا سکھارہے ہیں؟

اراحرام ررحالت احرام

۲_طواف

سر_سعی

ہ۔منی میں قیام

۵_عرفات میں نماز جج

۲_مز دلفه میں رات گزار نا

ے۔رمی کرنا

۸_قربانی

(سوال کاجواب صفحے پر تحریر کریں)

عنوان: حضرت يوسف

https://www.youtube.com/watch?v=2EDI8RCNWjo

س ۲: ویڈیود کیھنے کے بعد آپ کو حضرت یوسف کی شخصیت میں جو خوبیاں نظر آئیں ،ان کی فہرست بنائیں۔

س۳: حضرت یوسف کی زندگی میں ہمارے لیے کیااسباق موجود ہیں؟اورا پنی زندگی سے مثالیں دے کر بتایئے کہ آپان پر کیسے عمل کریں گے؟ (جوابات صفح پر تحریر کریں)

ENGLISH HOMEWORK CLASS 6

READING.

Wonder: Read Part 3 - "Summer"

Activity:

On an A4 sheet, make a poster of your favourite Wonder precept. Write two reasons why it's your favourite. Decorate for display in class.

GRAMMAR

All grammar work to be done in the Checkpoints Workbook.

Workbook pages 21, 52, 65 and 89.

COMPREHENSION:

All comprehension work to be done in the **Checkpoints Workbook**.

Workbook page 32-34. (Roald Dahl)

Workbook page 44-46 (Extract 1)

CREATIVE WRITING:

- All creative writing work to be done on file paper.
- Follow TLS (Traffic Light System) for paragraphs.
- Word limit: 200 words.

Workbook page 18.

Workbook page 29.

Math Homework Grade 6

Do the assigned Myimath homework.

Revise multiplication tables from 1 till 15.

Geometry Map Project: Angles, Lines and Triangles

Your task is to design a map that includes several different kinds of lines, angles and triangles. Your map can be of a town, your neighborhood or a made up place. It must however include the following:

- Two sets of streets that are parallel.
- · Two sets of streets that are perpendicular.
- One street that intersects another streets to form an obtuse angle.
- One street intersects another to form an acute angle.
- One street that is a line segment.
- One street that is a line.
- One street that is a ray.
- An ice cream parlor in the shape of an equilateral triangle.
- A Pool that is in the shape of a scalene triangle.
- A Pizza Place in the shape of an Isosceles triangle.
- A hospital building that is a square of edge length 6cm.
- A school building that is a rectangle of length 3cm and width 5cm.
- Use an A4 sheet

Do these questions in Math homework notebooks:

Course Book Page 30(End of unit review) Q1, 4,6,7,8

Course Book Page 103(End of unit review) Q1, 2, 3,4,5,6

Course Book Page 85 (End of unit review) Q1, 2, 4, 5,6,7,8,9,11

Course Book Page 112 (End of unit review) Q2, 3, 4, 5,6,7,8,9,10

جماعت ششم كاجيه ثيول كاكام

مندر جہذیل عنوانات میں سے کسی ایک پر مضمون لکھیں۔(رنگین صفحات پر)

ایک یاد گارسیر - کتاب یاانٹرنیٹ۔ موسم بہار کے رنگ

تعلیم و تربیت (مارچ کار ساله) پڑھیں۔

ایک کتابچہ بنائیں اور اپنی پسندیدہ کہانیوں کے مشکل الفاظ تحریر کریں اور لغت میں سے ان کے معانی تلاش کر کے لکھیں۔

ان کہانیوں میں سے اپنے پیندیدہ کر داروں کے با رہے میں لکھیں اور تجزیہ کریں کہ وہ کر دارٓ آپ کو کیوں پیندؔ آئے؟ نیز اپنے پیندیدہ کر دارکی تصویر بھی بنائیں۔

Science Homework Class 6:

Biology	Chemistry	Physics
Research	Make a poster	Enhance your audio/ visual skills
The cells are protected by layer upon layer of defense against icky invaders like the cold virus. Take a journey into the human body and describe how your white blood cells fight against viruses. • Topic of research 'How white blood cells (microscopic weapons and warriors) play a role in the battle for your health'. You can take help from the given video link. Title of the video: Cell vs. virus: A battle for health - Shannon Stiles Link: https://www.youtube.com/watch?v=oqGuJhOeMek lnstructions: Do your research on an A4 size paper and divide it in three parts given below: 1. Hypothesis 2. Findings 3. Conclusion	Water exists in all the three states of matter. Ice which is the solid form of matter occupies more space and is less dense than water. • Topic of the poster "Solid ice floats in liquid water, which isn't true for most substances. But why?" Video: Why does ice float in water? - George Zaidan and Charles Morton Link: https://www.youtube.com/watch?v=UukRgqzk-GE nstructions: Make a poster on A4 size paper.	Friction is the resistive force. When we push, pull, sit and lay down, our body experiences force and pressure. Hence our posture is the foundation for every movement our body makes and can determine, 'How well our body adapts to the stresses on it?' • Let's answer some questions: Instructions: Watch the given video. Answer the questions given below on an A4 sheet: Video: The benefits of good posture - Murat Dalkilinç Link: https://www.youtube.com/watch?v=OyK0oE5rwFY 1. What types of stresses are mentioned in the beginning of the video? 2. Why the arrow on the yellow box was pointing downwards? 3. What is the effect of poor posture on your body? 4. Which features or gestures of the main character in the video shows that his body is stressed out? 5. How many adjustments he did to make sure that his posture is correct while working on the computer?

Social Studies Class 6

1. Use the atlas to identify the locations of all the countries in Africa, North America, South America and Asia.

Longitude and Latitude Revision:

Please attempt the following questions on an A4 paper:

Scavenger Hunt

Using your knowledge about latitude and longitude answer the following questions. Remember latitude is always listed first and longitude is always listed second.

1. What direction do lines of latitude go, vertically or horizontally?
2. What direction do lines of longitude go, vertically or horizontally?
3. Name of the line that is 0 degrees longitude.
4. Name of the line that is 0 degrees latitude.
5. What continents lie mostly west of the Prime Meridian?
6. What continents lie mostly west of the Prime Meridian?
7. What continents lie mostly east of the Prime Meridian?
8. What continents lie mostly north of the Equator?
9. What continents lie mostly south of the Equator?
10. The name of a city that is located at 39 degrees north and 75 degrees west.
11. What city is located at 51 degrees north and 0 degrees west?
12. Find the latitude and longitude coordinates for Cairo, Egypt
13. The coordinates 40 degrees north and 100 degrees east fall in what country?
14. The coordinates 20 degrees south and 140 degrees east falls in what country?
15. What city is located at 12 degrees south, 77 degrees west?
16. This capital city is located at 48 degrees north and 16 degrees east.
17. Name of the building that is located at 39 degrees north and 77 degrees west?
If you are having trouble finding the answer to number 17 here's a hint! (HINT: Using the first letter of the answer to number 10 (), the first letter of the answer to number 16 (), the second letter of the answer to number 13 () and the third letter of the answer to number 14 () you will spell out the answer to number 8!)

Where is the buried treasure?

There's nothing more exciting than the idea of finding a buried treasure. A letter was recently found that had latitude and longitude coordinates on it which are believed to identify the country the treasure is buried in. Using an atlas, find the country located at each set of coordinates and write the name of the country and underline the first letter. Once you find all the coordinates, the first letter of each country name together should spell out the name of the country where the treasure is located. Put an 'X' for ('X' marks the spot) on the country.

Latitude	Longitude	Country Name
42 degrees north	14 degrees east	
24 degrees north	45 degrees east	
60 degrees north	90 degrees east	
34 degrees north	66 degrees east	
9 degrees north	39 degrees east	
20 degrees north	103 degrees east	

Water Resources:

Watch the following videos:

Videos:

- 1. https://www.youtube.com/watch?v=bl7hYAomzGk (5 minutes)
- 2. https://www.youtube.com/watch?v=iRGZOCaD9sQ (4 minutes)
- 3. https://www.youtube.com/watch?v=dXGZwtAE8cl (1 minute)
- 4. https://www.youtube.com/watch?v=OCzYdNSJF-k (5 minutes)
- 5. https://www.youtube.com/watch?v=JyzvcrZluf0 (3 minutes)

Based on the videos attempt any **one** of the following on an A4 paper:

- 1. Present what you understood from the videos. Present a message in the form of a poster.
- 2. Write a poem on water, highlighting a message.
- 3. Write an autobiography of a river.

THE PERSIAN EMPIRE: WEB QUEST

Directions: Use the links below to research and analyze the Persian Empire.

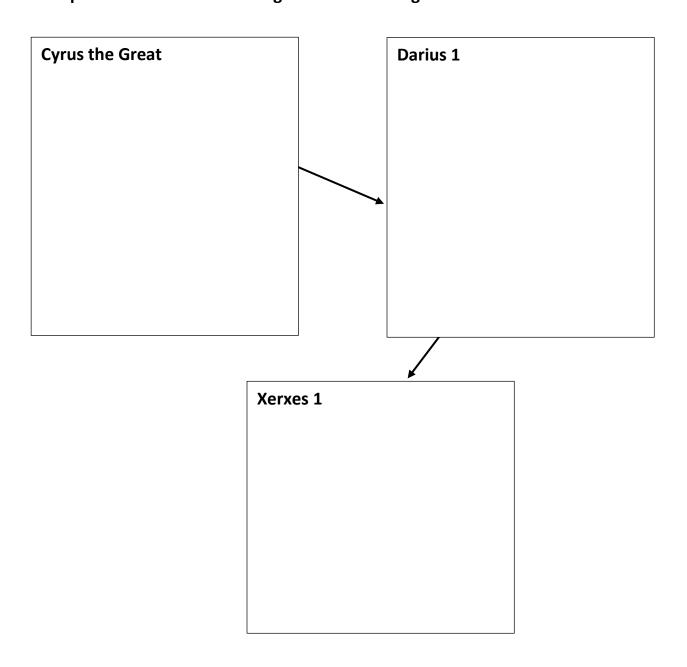
http://www.livius.org/articles/dynasty/achaemenids/

http://www.ancient.eu/Achaemenid Empire/

https://www.khanacademy.org/humanities/world-history/ancient-medieval/ancient-persia/a/the-rise-of-persia

1. Define Achaemenids:

2. Complete the graphic organizer below by researching information, descriptive words, and accomplishments of the following Achaemenid kings:



https://www.smithsonianmag.com/videos/category/history/the-cyrus-cylinder-an-artifact-ahead-of-its/ https://www.youtube.com/watch?v=V4niY5Uq95k (0-6:40 minutes) https://www.youtube.com/watch?v=BJvxW0xJKxo_(0-3:50 minutes) https://www.youtube.com/watch?v=eCTyU3G5FEo 4. Explore the different videos on the Persian Empire and make a list of facts that you learned about the Empire from the videos (Write in complete sentences and CITE where facts came from). Citation: Fact: Citation: Fact: Citation: Fact: Citation: Fact: Citation: Fact:

3. Use the link below to explore videos covering different topics of the Persian Empire:

Islamiyat Homework Class 6

- The Islamiyat Project on "Inspiring females in Islam and Islamic history" has already been given in the class. With the help of the research you have done, prepare oral presentation with visual aid and also write the reflections on the project sheet attached in Islamiyat notebook.
- Revise the topic of Salat from textbook page: 12 and 13(importance of salat), page: 16
 Congregational Prayer.
- 3. Read the story of Hazrat Khadija(RA) from textbook pg: 52-53 and write the answer of the following question in Islamiyat notebook
 - Q: Describe at least three unique qualities of Hazrat Khadija(RA).