

SAINT JOHN'S ACADEMY
SUMMER RECAPITULATION (2016-2017)
CLASS VII

NOTE:- These assignments are to be done in separate answer sheets and submitted to the Subject Teachers on the first day when the School reopens.

ENGLISH LANGUAGE

Read The English Newspaper Daily/ Watch English News on Television for 15 mins. daily. Write down ONE headline on a daily basis in your English Language Copy.

Q1. Write a short paragraph on Friends – what they mean to you.

Q2. Do as directed:-

1. Everybody knows he is an extremely lazy boy. (Change into a negative sentences)
2. I am fond of music. (Change into plural)
3. He was so poor that he was forced to (Fill in the blanks with the Abstract form of 'beggar')
4. I do not know either Sita or Lila. (Begin: I know)
5. Is there more tea? (Change into negative question)

Q3. Read the passage on Butterflies below and answer the questions that follows:-

Butterflies

Butterflies are insects with colourful wings. They are found almost all over the world. Some butterflies live their whole life in one place. Others migrate long distances to escape cold winters.

A butterfly begins its life as an egg which hatches into a caterpillar. The caterpillar eats a lot of leaves. As the caterpillar grows, it sheds its skin. Then it covers itself in a chrysalis and remain like this for some time. In the chrysalis, the caterpillar changes. It grows six legs, an antenna, proboscis and wings. Then it breaks out the chrysalis as a butterfly.

Each butterfly has four wings. The wings of butterflies are of various colours and have diverse patterns. No two butterflies have the same wing pattern. Butterflies fly from flower to flower in search of food. A butterfly unrolls its proboscis to suck the sugary juice made by flowers. The juice is called nectar.

- (a) What are butterflies?
- (b) What do butterflies eat?
- (c) How do butterflies get their food?
- (d) Give the meaning of (i) migrate (ii) diverse

Q4. Study the picture given below.

Write a story or a description or an account of what the picture suggests to you. There should be a clear connection between the picture and your composition.



ENGLISH LITERATURE

Read the chapters in the First Unit Test Syllabus.

Q 1. Stick pictures of any two endangered animals and write a paragraph on each mentioning the cause of their being endangered.

Q 2. Read the lines given below and then answer the questions that follow:-

1. Besides this, he has to learn to wear a collar, a crupper and a breeching

- (i) Who is 'he' in the above line?
- (ii) Give the meaning of 'breeching'.
- (iii) Make a sentence with crupper.
- (iv) From which lesson is the above line taken and who is the author.

2. Then they repaired the wall of the nursery.

- (i) Who are 'they' in the above line?
- (ii) What do you mean by 'nursery'?
- (iii) Where was the nursery?
- (iv) Why did they repair the wall of the nursery?
- (v) From which lesson is the above line taken?

MATHEMATICS

Practice the sums of the chapters in First Unit Test Syllabus and learn all the definitions.

1) In the following table details of the each item(Quantity, M.P. and discount) purchased by Mr. Rakesh is given. Calculate the **total cost price(C.P.)** for each item and the **total amount** paid by the customer to the shopkeeper.

Sr. No.	Items	Quantity (Qnt.)	Marked Price (M.P.)	Discount% d%	S.P. = M.P. x $(1 - \frac{d}{100})$	Total cost price Total C.P. = Qnt. X S.P.
1.	Biscuit	5	Rs 30/- per packet	5%		
2.	Shampoo Bottle	2	Rs 70/- per bottle	10%		
3.	Soap	5	Rs 25/- per piece	5%		
4.	Tooth paste	2	Rs75/- per tube	20%		
5.	Cold Drink bottle	4	Rs 85/- per bottle	10%		
6.	Sugar	10 kg	Rs 40/- per kg	15%		
					Total Amount =	

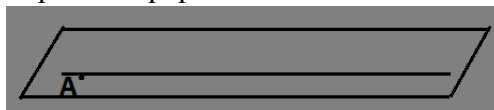
2) Calculate the radius of a disc, plate, bottle cap(good in size) or a coin. Follow the instruction given below: 5

a) Choose a disc, plate, bottle cap or a coin of your choice.

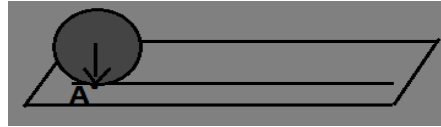


b) Mark an arrow on it with a marker.

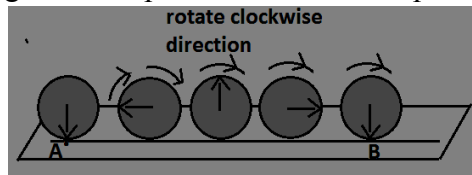
c) Now place a piece of paper or a white sheet on the table and draw a line and mark a point A on it.



- d) Now place the disc, plate, bottle cap or that coin on it so that the pointer should be on the mark **A**.



- e) Now roll it on the line drawn give a complete rotation till the pointer (\downarrow) touches the line again. Mark this point as **B**.



- f) Now measure the length of **AB**.
g) Use the following formula, calculate radius (**r**).

$$\text{Circumference of the circle(AB) } = 2 \pi r$$

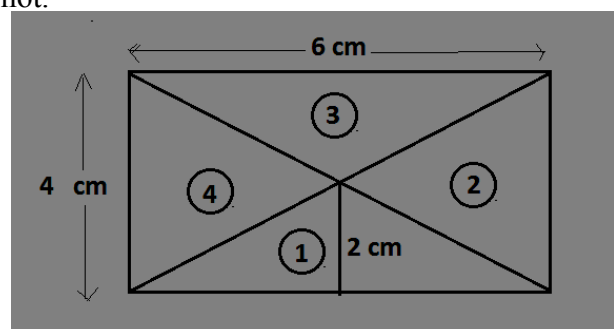
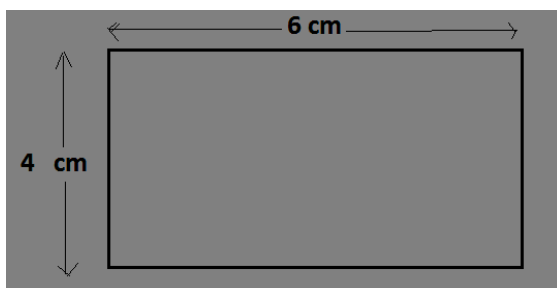
$$\text{AB} = 2 \times \frac{22}{7} \times r$$

- 3) Measure the dimensions of the following articles/objects and note it down in the space given in the table, then calculate the area or volume of the objects.

Sr. No.	Objects	Length l cm	Breadth b cm	Height h cm	Area A = l x b cm ²	Volume V = l x b x h cm ³
1.	Maths Textbook	.....	.....	x	.....	x
2.	Phy. Text book	.....	.....	x	.....	x
3.	Geometry-Box	.....	.....	.....	x	.....
4.	Biscuit-packet	.....	.....	.....	x	.....
5.	Match-box	.....	.....	.....	x	.....
6.	A shoe-box	.....	.....	.....	x	.....

- 4) Take a sheet of 6 cm x 4 cm . Follow the instructions given below:

- Cut it along its diagonals and divide it into 4 equal triangular shapes.
- Now calculate the area of each triangle and add the area of all the four pieces.
- Check that whether the area of the rectangular piece of paper (6 x 4) is equal to the area of the sum of all the pieces of triangles or not.



Note : Calculate the area of the triangle by the following formula:

$$\text{Area of the triangle} = \frac{1}{2} \times \text{base} \times \text{height}$$

PHYSICS

Read the chapters in the First Unit Test Syllabus and learn all the definitions.

Date	Day	Time	Partial or Total eclipse	It was visible from which part of the earth
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		Starting time	Finishing time		

1) Collect the information from various sources i.e. exploring the internet, library, newspapers, magazines and some other sources make a table for the last five solar eclipses with the following details:

2) Write a short note on the topic '**Man stood first time on the surface of the moon in 1969.**' Support your opinion/thoughts with the pictures related to this topic.

3) Collect the details from the various sources about the **five Scientists(Physicist)**, and make a table with the following details:

Sr. No.	Name of Scientist	Date of birth of working period	Name of the country which he belongs to	Name of the topic on which he worked or main achievements	Noble Prize for or not
1					
2					
3					
4					
5					

4) Collect the information about **India's first woman astronaut in space Kalpana Chawla** and write a short-note on her, to support this note you can paste different pictures related to her work in space and the space-craft used in her mission to space.

CHEMISTRY

Read the chapters in the First Unit Test Syllabus and learn all the definitions.

Q 1. Write the Chemical formulae of the following Compounds:-

- (i) Sodium Carbonate (ii) Magnesium hydroxide (iii) Silver Chloride
 (iv) Potassium Nitrate (v) Sodium Bicarbonate (vi) Lime water
 (vii) Calcium Superphosphate (viii) Ammonium hydroxide
 (ix) Baking soda (x) Phosphoric acid

Q 2. Give one word answers:-

- (i) A force of attraction that holds the atom of a compound together.
 (ii) The number of atoms present in a molecule of an element .
 (iii) The element whose Latin name is Argentum.
 (iv) Groups of atoms that have lost or gained electrons .
 (v) The softest known mineral.

Q 3. Draw a well labelled diagram to show structure of an Atom. Also write about its sub - atomic particles briefly.

BIOLOGY

Read the chapters in the First Unit Test Syllabus and learn all the definitions.

Q 1. Write the occurrence, of size and function of all major cell organelles.

	Organelles	Occurrence	Size	Function
1.	Nucleus			
2.	Nucleolus			
3.	Mitochondria			
4.	Rough endoplasmic reticulum			
5.	Smooth endoplasmic reticulum			
6.	Ribosomes			
7.	Golgi body			
8.	Lysosomes			
9.	Cell Wall			
10.	Chloroplasts			

Q 2. Observe different plants and animals species in your surroundings. List different kinds of trees, ornamental plants, grasses, insects and birds you see.

Q 3. Draw well-labelled diagram of a 'nucleus'. What will happen to a cell if its nucleus is removed?

HISTORY & CIVICS

Read the chapters in the First Unit Test Syllabus and learn all the definitions.

Q 1. As a member of the core group that will function as a Drafting Committee for preparing the constitution for an ideal School. State the objectives of the School in the Preamble. Draw up a list of rights and duties for students and teachers.

Q 2.



- Identify the picture. Where is it located?
- By whom was it built?
- Why do you think it is important?
- Write a short note on the life of monks.

Q 3. Write and learn the important points given on page 12, 20, 27, 150 & 156.

GEOGRAPHY

Read the chapters in the First Unit Test Syllabus.

Q 1. Collect newspaper reports about changes in the weather patterns of your place (city) for about a week. Write about each day and what may be the causes for the same.

Q 2. On the outline map of the world, show the Tectonic Plates and Earthquake Zones with the help of colours.

Q 3. Draw the figure showing Revolution of the Earth and its Impact on Day and Night.

COMPUTER SCIENCE

Read the chapters in the First Unit Test Syllabus and learn all the definitions.

- 1) Explain Input Devices and Output Devices of The Computer System with pictures.
- 2) Write the steps to perform the following task in Linux Edubuntu -
 - (i) To rename Files/Folders.
 - (ii) To open Onboard program.
 - (iii) To burn a CD.

GENERAL KNOWLEDGE

Answer the following current affairs:-

1. The state tree of Kerela.
2. The biggest and heaviest lizard in the world.
3. The plant, also called Drosera, has more than 194 species and is found in every continent.
4. The two humped animals which can withstand intense heat and extreme cold in summer and winter respectively.
5. An Irish playwright, who wrote the famous play Pygmalion.
6. The prequel to JRR Tolkien's The Lord of the Rings.
7. The word 'cheetah' originated from which language?
8. Name the colours in the national flag of Germany.
9. India's first silent film.
10. Which gas is used to fill atmosphere tyres?
11. Who has been appointed as UN Adviser for 'Human Rights and Bussiners.'
12. Who won the '2016 Australian Open Title of Tennis'?
13. Who has been recently selected as first US female combatant chief?
14. Who inaugurated the three-day 3rd Edition of Asia Ministerial Conservation in New Delhi?
15. Which Bollywood star Actress has won the 'Global Indian of the Year 2016' award.
16. In which state of India, has the country's first 'Lift irrigation project' been launched?
17. Who has been recently sworn in as the first elected President of Myanmar?
18. Which country will host the 2018 Winter Olympics?
19. Who is the President of Japan?
20. Who is the Railway Minister of India?

VALUE EDUCATION

Q 1. Write two thoughts on each of the moral values given below:-
(a) Honesty (b) Gratitude (c) Truth

(d) Cooperation (e) Determination

Q 2. Spread awareness about tobacco by making posters, pamphlets with effective messages.

HINDI

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