

Class 7th

Holiday homework

1. Solve your half yearly paper in your maths notebook.
2. Solve all the examples of chapter 8.
3. Write the square and cube from 1 to 30 number.

Class VII

Subject:-Computer

Holiday Homework

Q.Write the HTML code of the following table

Sr.no	Student Name	Class	Div	DOB(Date of birth)	Address	Mob
1	Anil Sharma	VII	A	12/4//2011	Near Amli	7895423684
2	Anita Mane	VII	B	8/6/2011	Near Police Station	8965237486
3	Vinay Mali	VII	B	9/5/2011	Tokarkhada	8745213658
4	Sima patel	VII	A	6/2/2011	Near Lions School	9874563214

Class-VII

Subject: English

Q.1) Solve competency based questions from chapters 'Expert Detectives', 'The Invention of Vita – Wonk', 'The Mystery of the Talking Fan'. (In the CBQs Book)

Q.2 Solve CCT based questions.

A) Study the following image and answer the questions that follow:

Jean Paul's Grooming Service


*Special Grooming Packages for your pampered pet!
Our special packages can make any pet feel like a pampered prince or princess! Come in today and meet our world class groomers!*

Package 1:

Basic Dog Grooming Package – ₹19.99 for dogs weighing up to 10 kg, ₹29.99 for dogs weighing more than 10 kg

Package includes:

- Shampoo with your choice of itch-relieving or odour control shampoo
- Complete nose to tail blow dry
- Nail trimming
- Teeth cleaning
- Brushing with de-shedding tool




Package 2:

Basic Cat Care – ₹10.99 for short haired cats, ₹14.99 for long haired cats

Package includes:

- Bath with deep conditioning shampoo
- Blow drying
- Claw trimming
- Teeth cleaning



If your pet needs a little extra special care, you can add any of these additional services to any pet care package:

- Flea treatment—includes flea dip, combing, and flea treatment drops: ₹15
- Fur cut and style—includes fur trimming, blow drying, and brush out, with a special finishing touch, a bow for your pet: ₹15 for small pets, ₹25 for large pets
- Matted fur removal—includes special detangling and conditioning fur treatment, and removal of matted fur: ₹8
- Bad breath treatment—includes thorough teeth brushing, removal of plaque, and special breath-freshening drops: ₹7

2.1 Who is the target audience of this advertisement?

(a) Pets (b) Dogs (c) Cats (d) Pet owners

2.2 What do pets receive when they undergo a fur cut and style treatment?

(a) A bow (b) A knot (c) A snack (d) A ribbon

2.3 If your pet suffers from bad breath, its treatment will include.....

Ans.

B) Do as directed.

(3.1) Find the part of the sentence in which there is a mistake.

Santa and Banta went/ to a hotel for eating / deliciously food/ no error.

(a) Santa and Banta went. (b) to a hotel for eating.

(c) deliciously food. (d) No error.

(3.2) Choose the correct sentence.

(a) The police arrested the thief. (b) The judge arrested the thief.

(c) The police was arrested the thief. (d) All body arrested the thief.

(3.3) Choose the correct Pair.

A _____ jumped over the fence and started _____ and there for some carrots.

(a) hair, here (b) hare, here (c) hare, hair (d) here, hare.

C). Study the picture on page no four (4) and answer the following questions.

(5.1) What is the advertisement all about?

(a) Key features of school

(b) Admission information

(c) Facilities available in school

(d) Information about providing social and emotional growth

(5.2) Kreative Mind deals with the classes-

(a) Play group, nursery

(b) Play group, nursery, Jr. K.G., Sr. K.G.

(c) Play group, Jr. K.G.

(d) Nursery, K.G. and class 1

(5.3) How can the parents get related information(s)?

Ans.

KREATIVE MINDS
PRESCHOOL & DAYCARE CENTER

P r e - S c h o o l

**Children blossoming
in a nurturing
environment**

Admissions Open

• **Play Group • Nursery • JR-KG • SR-KG**

At KREATIVE MINDS we strive to :

- ★ Provide optimal social and emotional growth for your precious little one (s) while also developing your child's physical and intellectual skills.
- ★ Promote feelings of confidence and success through a wide range of age appropriate activities and opportunities based on the interest of the children.
- ★ Build strong learning program with science, math, music and technology as cornerstones.
- ★ Offer flexibility to parents as they constantly balance the demands of family, professions.

**Time
9.00 am
To 12.00 pm**

School Key Features

- ★ Experienced Teachers and staff
- ★ Safe and Clean environment
- ★ Well defined and structured curriculum
- ★ Strong learning programs with focus on Science, Maths and English
- ★ Well equipped Library
- ★ Audio Visual teaching material
- ★ Transportation available

**Pancard Club, Road Dhankude Wasti, Farmers & Grocers Shop Lane, Baner, Pune - 411045
Ph: 982 289 0099.**

D) Fleas are perfectly designed by nature to feast on anything containing blood. Like a shark in the water or a wolf in the woods, fleas are ideally equipped to do what they do, making them very difficult to defeat. The bodies of these tiny parasites are extremely hardy and well-suited for their job.

A flea has a very hard exoskeleton, which means the body is covered by a tough, tile-like plate called as clerite. Because of these plates, fleas are almost impossible to squish. The exoskeletons of fleas are also waterproof and shock resistant, and therefore fleas are highly resistant to the sprays and chemicals used to kill them. Little spines are attached to this plate. The spines lie flat against the flea's thin, narrow body as the flea scurries through an animal's fur in search of food. However, if anything (like fingers or a selfgrooming pet) tries to pull a flea off through the hair coat, these spines will extend and stick to the fur like Velcro.

Fleas are some of the best jumpers in the natural world. A flea can jump seven inches, or 150 times its own length, either vertically or horizontally. An equivalent jump for a person would be 555 feet, the height of the Washington Monument. Fleas can jump 30,000 times in a row without stopping, and they are able to accelerate through the air at an incredibly high rate—a rate which is over ten times what humans can withstand in an airplane.

Fleas have very long rear legs with huge thigh muscles and multiple joints. When they get ready to jump, they fold their long legs up and crouch like a runner on a starting block. Several of their joints contain a protein called resilin, which helps catapult fleas into the air as they jump, similar to the way a rubber band provides momentum to a slingshot. Outward facing claws on the bottom of their legs grip anything they touch when they land. The adult female flea mates after her first blood meal and begins producing eggs in just 1 to 2 days. One flea can lay up to 50 eggs in one day and over 2,000 in her lifetime. Flea eggs can be seen with the naked eye, but they are about the size of a grain of salt. Shortly after being laid, the eggs begin to transform into cocoons. In the cocoon state, fleas are fully developed adults, and will hatch immediately if conditions are favourable. Fleas can detect warmth, movement, and carbon dioxide in exhaled breath, and these three factors stimulate them to emerge as new adults. If the flea does not detect appropriate conditions, it can remain dormant in the cocoon state for extended periods. Under ideal conditions, the entire life cycle may only take 3 weeks, so in no time at all, pets and homes can become infested. Because of these characteristics, fleas are intimidating opponents. The best way to control fleas, therefore, is to take steps to prevent an infestation from ever occurring.

Questions

1) The primary purpose of the passage is to

A. educate the reader about the physical characteristics of fleas

- B. compare fleas to other members of the animal kingdom
- C. relate the problems that can result from a flea infestation
- D. explain why a flea infestation is hard to get rid of

2) The author's tone in the passage is best described as

- A. concerned
- B. passionate
- C. informative
- D. opinionated

3) According to the passage, fleas are resistant to sprays and chemicals because they

- A. have waterproof sclerites
- B. are excellent jumpers
- C. reproduce very rapidly
- D. can stick to fur like Velcro

4) Fleas are difficult to squish because they have

- I. sclerites
- II. tough spines
- III. resilin in their joints

- A. I only
- B. I and II only
- C. II and III only
- D. I, II, and III

5) According to the passage, which of the following statements is true?

- A. Fleas extend their little spines if threatened.
- B. Fleas have the ability to jump higher than humans.
- C. Humans can jump higher if they consume foods containing resilin.
- D. The resilin found in fleas is used to make rubber bands.

6) According to the passage, fleas are able to jump

- I. with a high rate of acceleration
- II. up and down and from side to side
- III. because the blood they eat contains resilin

- A. I only
- B. I and II only
- C. II and III only
- D. I, II, and III

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7) Based on information in the passage, the reader can understand that

- A. fleas will die without access to blood
- B. fleas survive at a higher rate in outdoor habitats
- C. fleas will die after they produce 2,000 eggs
- D. newly hatched fleas are the size of a grain of salt

8) The author mentions the Washington Monument in order to

- A. estimate the extreme distance that a flea is able to jump
- B. illustrate a comparison made between fleas and humans
- C. clarify a point made regarding fleas and acceleration
- D. demonstrate the superiority of fleas over humans

9) It can be inferred that fleas will emerge from eggs as adults

- A. when they outgrow the cocoon
- B. after a period of 3 weeks
- C. when they sense there is access to blood
- D. if there is too much carbon dioxide in the cocoon

10) Using the information in the passage as a guide, it can be concluded that

- A. humans do not possess the physical characteristics of the flea because they have no use for them
- B. humans do not pay much attention to fleas because they do not pose a serious threat
- C. fleas have many physical advantages, although these are outweighed by their many disadvantages
- D. fleas are designed in such a way as to give them unique physical advantages in life

शरदावकाश गृहकार्यम् कक्षा – सप्तमी(संस्कृतम्)

- 1) बालक ,बालिका ,किम् शब्द के (पुल्लिंग ,स्त्रीलिंग)शब्दों को याद करें।
- 2) पठ् धातु के पांचो लकारों (लट् ,लृट् ,लङ् ,लोट् ,विधिलिङ्)का रूप लिखें और याद करें।
- 3) संस्कृत में अनुवाद करें।
 - i) वे सब बाजार जाते हैं।
 - ii) तुम साइकिल से विद्यालय जाते हो।
 - iii) मैं राम को कलम देता हूँ।

- iv) वृक्ष से पत्ते गिरते हैं।
- v) विद्यालय में छात्र हैं।
- vi) यह मेरा भाई मोहन है।
- vii) राधा राम की बहन है।
- viii) दीपक प्रकाश के लिए होता है।

4.चित्रं दृष्ट्वा मञ्जूषा सहायतया वाक्यानि रचयत।

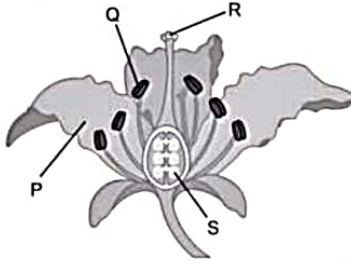
मञ्जूषा –(क्रीडाक्षेत्रम् / वृक्षः / बालकः बालिकाः / क्रीडन्ति /पादकन्दुकं /दोला /भवनम्)



5.शब्दान् मेलयित्वा वाक्यानि रचयत

अहम्	दूरदर्शनं	पश्यावः
त्वं	चित्रं	रचयन्ति
सः	फलम्	पिबामः
आवां	दुग्धं	पठसि
युवां	पुस्तकं	लिखथ
तौ	लेखं	खादतः
ते	विद्यालयं	गच्छथः
वयं	कथां	कथयति
यूयं	क्रिकेटम्	क्रीडामि

The picture shows parts of a flower.
P, Q, R and S are the four labelled parts.



SAS21S071201

1 Removal of which part of the flower will **not** stop reproduction in the plant?





- A. P
- B. Q
- C. R
- D. S

SAS21S071202

2 Why is part P brightly coloured in most flowers?

- A. To repel animals
- B. To attract insects
- C. To help the plant make food
- D. To help the plant retain water

The picture shows parts of a flower.
P, Q, R and S are the four labelled parts.

Type of seed	Picture	Features
Seed 1		very light weight, has feathery hairs
Seed 2		hard, has tiny hooks
Seed 3		hard, has spikes
Seed 4		light weight, hard and hollow

SAS21S071203

3 Which seed is most likely to be dispersed by water?

- A. Seed 1
- B. Seed 2
- C. Seed 3
- D. Seed 4

3 Which seed is most likely to be dispersed by water?

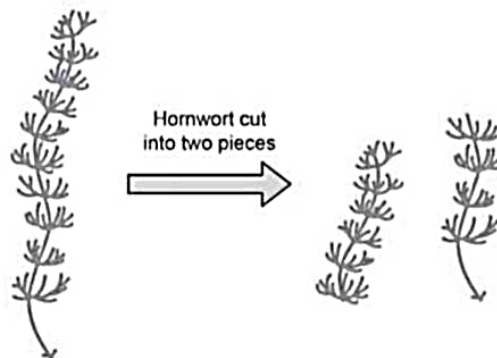
- A. Seed 1
- B. Seed 2
- C. Seed 3
- D. Seed 4

The picture shows the scattering of seeds when a fruit bursts.



4 How does the bursting of fruit help in the germination of seeds?

Shekhar cut the stem of a hornwort plant into two pieces.
He placed both the pieces under water.
After a week, Shekhar found both the pieces growing as new plants.



5 What can be concluded from the activity?

- A. Hornworts can survive only under water.
- B. Hornworts can absorb nutrients through leaves.
- C. Hornworts bear spores that help it to reproduce.
- D. Hornworts can reproduce by vegetative propagation.

6 How can Shekhar confirm the result of his activity?

SAS21S071207

- 7** Which of these statements is true about the two new hornworts?
Circle 'Yes' or 'No' for the correct response.

Is this statement correct?	Yes or No
They are exact copies of each other.	Yes/No
They will grow differently than the original plant.	Yes/No
They will have a different life span than the original plant.	Yes/No

SAS21S071208

- 8** Which question will help answer if a plant reproduces sexually?

- A. Does the plant bear seeds in its fruit?
- B. Does the plant have buds on its leaf?
- C. Does the plant bear nodules on its root?
- D. Does the plant have nodes on its stem?

SAS21S071209

- 9** In which part of a flower are pollens deposited?

- A. Style
- B. Ovary
- C. Anther
- D. Stigma

SAS21S071210

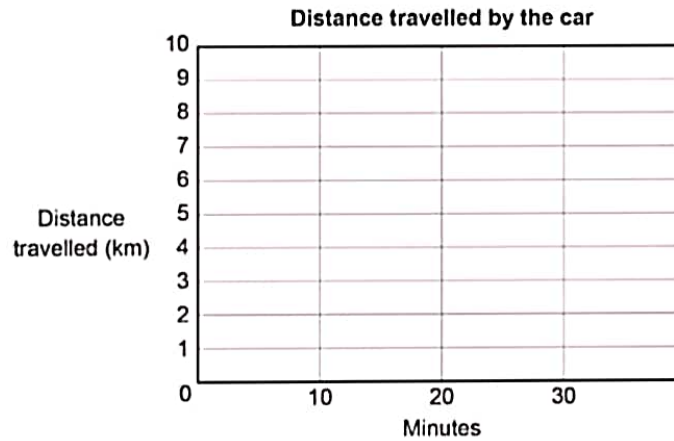
- 10** Name three vegetative parts of a plant.

The table shows the distance travelled by a car in half an hour.

	0 - 10 mins	10 - 20 mins	20 - 30 mins
Distance travelled by the car	62 cm	58 cm	60 cm

SAS21S071301

- 1 Draw a line in the distance-time graph to show how the car travelled.



SAS21S071302

- 2 What can be concluded about the car from the table?

- A. It stopped moving after 30 minutes.
- B. It had a uniform motion throughout the journey.
- C. It travelled with increasing speed throughout the journey.
- D. It travelled at the highest speed between 10 and 20 minutes.

SAS21S071303

- 3 What was the average speed of the car during its journey?

- A. 3 km/h
- B. 5 km/h
- C. 10 km/h
- D. 20 km/h

The timetable of a train is shown below.

Station	Arrival	Departure
New Delhi		06.45 AM
Meerut	08.03 AM	08.05 AM
Muzaffarnagar	08.45 AM	08.47 AM
Saharanpur	09.50 AM	09.55 AM
Roorkee	10.30 AM	

SAS21S071304

- 4 What is the total travel time of the train?

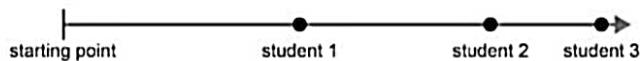
- A. 3 hours 30 minutes
- B. 3 hours 45 minutes
- C. 4 hours 15 minutes
- D. 4 hours 45 minutes

- 5 The distance between Meerut and Muzaffarnagar is about 60 km. Calculate the average speed of the train (km/h) while travelling between the two stations.

- 6 The maximum speed of a car is 180 km/h. What is the maximum speed in m/s?
- 20 m/s
 - 30 m/s
 - 50 m/s
 - 60 m/s

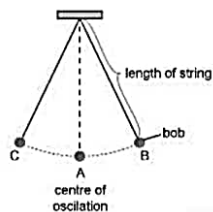
- 7 Which of these actions is an example of circular motion?
- A child riding a see-saw
 - A child pumping air in a tyre
 - A player bowling a cricket ball
 - A player serving a tennis ball with racket

Three students start running from the starting point at the same time.
The picture shows the position of the students on the path after a minute.



- 8 Which student ran the fastest? Explain your answer.

The diagram shows a pendulum in periodic motion.
The time period of a pendulum is the time taken by the bob to make one complete oscillation.



- 9 What would be the movement of the bob for one complete oscillation of the pendulum?
- C to B
 - C to A
 - B to C to A
 - B to C to B

The table shows the distance travelled by a car in half an hour.

	Pendulum 1	Pendulum 2	Pendulum 3	Pendulum 4
Time taken for 30 oscillations	48 s	54 s	45 s	52 s

Geeta measured the pulse rate of four students.
The table below shows her findings.

	Pulse rate of the student (beats per minute)		
	1st Reading	2nd Reading	3rd Reading
Student 1	74	73	74
Student 2	80	78	79
Student 3	72	72	78
Student 4	72	71	72

SAS21S07

1 Which student has the highest pulse rate?

- A. Student 1
- B. Student 2
- C. Student 3
- D. Student 4

SAS21S07

2 Why did Geeta measure the pulse rate of each student thrice?

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Curriculum Aligned Competency Based Test Items

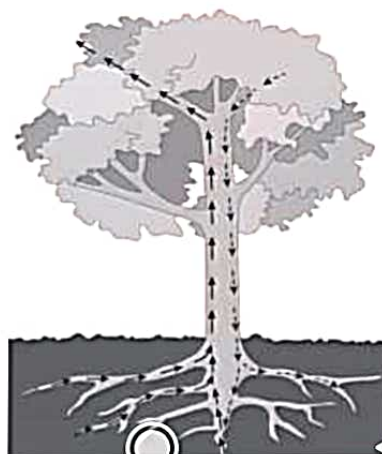
Class 7 - CI

SAS21S07


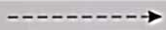
3 Geeta made an error in one of the readings. Which one is it **most likely** to be?

- A. Student 1 reading 3
- B. Student 2 reading 1
- C. Student 3 reading 3
- D. Student 4 reading 2

The picture shows the directions of movement of two different substances in plants.



4 What do the two types of arrows in the picture show?

		
A.	Movement of air	Movement of water
B.	Movement of food	Movement of air
C.	Movement of water	Movement of food
D.	Movement of air	Movement of minerals

SAS21S07

5 Name the process that helps plants to regulate their temperature.

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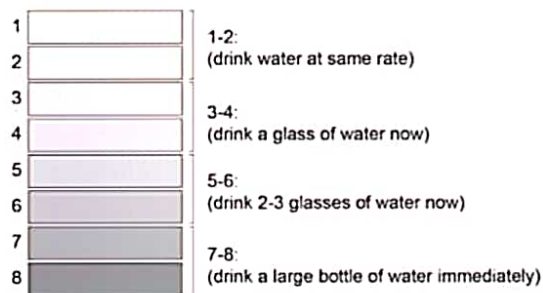
Curriculum Aligned Competency Based Test Items

Class 7 – CI

The picture shows the directions of movement of two different substances in plants.



Colour shades of urine



SAS21S07

6 Which colour shade indicates that the body is well hydrated?

- A. Shade 1
- B. Shade 4
- C. Shade 6
- D. Shade 8

SAS21S07

7 Under normal conditions, human urine contains 95% water and 5% waste products. What would be the percentage of waste products in a darker shade of urine?

- A. 0%
- B. Less than 5%
- C. 5%
- D. More than 5%

SAS21S07

8 Which of these statements is correct?
Circle 'Yes' or 'No' for the correct response.

Is this statement correct?	Yes or No
All arteries carry oxygen-rich blood.	Yes/No
All veins are thin walled.	Yes/No
Capillaries originate from veins.	Yes/No

SAS21S071207

- 7** Which of these statements is true about the two new hornworts?
Circle 'Yes' or 'No' for the correct response.

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They will grow differently than the original plant.	Yes/No
They will have a different life span than the original plant.	Yes/No

SAS21S071208

- 8** Which question will help answer if a plant reproduces sexually?

- A. Does the plant bear seeds in its fruit?
- B. Does the plant have buds on its leaf?
- C. Does the plant bear nodules on its root?
- D. Does the plant have nodes on its stem?

SAS21S071209

- 9** In which part of a flower are pollens deposited?

- A. Style
- B. Ovary
- C. Anther
- D. Stigma

SAS21S071210

- 10** Name three vegetative parts of a plant.

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Capillaries originate from veins.	Yes/No

The table shows the heart rate of a student before and after different types of exercise.

	Number of heart beats per minute	
	Before exercise	Just after exercise
Exercise 1	92	135
Exercise 2	88	105
Exercise 3	90	155
Exercise 4	92	115

49/137

- 9** Which exercise resulted in the maximum change in heart rate?

- A. Exercise 1
- B. Exercise 2
- C. Exercise 3
- D. Exercise 4

- 10** The normal heart rate for an adult human is 60-100 beats per minute. Why does the heart rate vary among individuals?

Kendriya Vidyalaya Silvassa

Autumn Break Holiday Homework

Class 7

1. Learn and write question of chapter Tribes nomads and settled communities in your notebook.
2. Write short note on following
 - Raja Ranjit Singh
 - Akbar
 - Rabindranath Tagore
 - Mahatma Gandhi
3. Name of any 5 famous leader of some political party .Draw or paste of symbol of these parties also.
4. Write full form of following .Write 3 to 4 line about each.
 - CBSE
 - UPSC
 - CBI
 - UNO
 - WHO
 - UNICEF
 - RBI
 - UNESCO
 - PIL
5. Map work
Locate some tribal groups of India on political map.
 - Santhal
 - Munda
 - Bhil
 - Gonds
 - Khonds

कक्षा 7वीं

शरद ऋतु अवकाश गृहकार्य

1. 5 सुलेख

2. बाल महाभारत पढ़े (पाठ द्रौपदी स्वयंवर से दवेश करने तक) और 5-5 प्रत्येक अध्याय से प्रश्न-उत्तर लिखें।

3. 10 पर्यायवाची, 10 विलोम शब्द

4. दशहरे पर अनुच्छेद लिखें।

5. फास्टफूड के 5 फायदे और 5 नुकसान लिखें।