

# PISA 2021

# CCT Assignments Class VII






## Module 1

### Class VII English (Critical & Creative Thinking)

#### NON-CONTINUOUS COMPREHENSION

**Salma's Scrumptious Servings**  
**Home Cooked Meals on Wheels**

Tired of having to cook after a hard day's work? Let Salma's Scrumptious Servings take the chore out of cooking for you. Savour and enjoy daily home cooked meals delivered to your doorstep **\*free of charge** (please see below). Choose from the following combinations:




LUNCH	For 2 packs	For 4 packs	For 10 packs
Rice + 3 dishes (1 veg + 2 fish/meat/chicken)	Rs 80	Rs 150	Rs 300
DINNER			
Rice + 4 dishes (2 veg + 2 fish/meat/chicken)	Rs 120	Rs 240	Rs 450

*\*Applies to orders for both lunch and dinner on the same day. Delivery charges Rs 50 per delivery.*

*Daily orders above Rs 500 will be accompanied with complimentary dessert(ice cream with fruit). We also cater for functions(minimum 50 people)*

*Visit our website [www. Salmascrumptiousservings.com](http://www.Salmascrumptiousservings.com) for our entire menu and rates for functions. Alternatively call us at 022-3456234*



**1. Choose the correct option :**

i) This advertisement is targeted at ..... .

a) mothers who are too tired to cook

b) people who are unable to cook

c) working people who are too tired to cook

d) working people who can't cook

ii) Mr Sameer and his wife ordered lunch and dinner for two people. They will have to pay ..... .

a) Rs 200

b) Rs 250

c) Rs 390

d) Rs 220



iii) The Paul family placed an order of Rs 550. They will also get ..... in addition.

- a) a serving of fruits
- b) an extra non veg dish
- c) a serving of fruits and ice cream
- d) an extra veg dish

**Answer the following questions**

- iv) Mrs Arora called Salma's scrumptious servings to book for catering for 40 people but her order was not accepted. Why?
- v) Why are rates for dinner more than rates for lunch?
- vi) Mention two ways by which you can get to know the details of the menu and other rates.
- vii) How would you expect the Salma's home cooked food to be?
- viii) **Word Attack** : Find a word from the above picture which means the same as **given or supplied free of charge**



## Module 2

### Class VII English

### (Critical & Creative Thinking)

Note: Please do this CCT worksheet in your fair notebook.

## NON-CONTINUOUS COMPREHENSION

### Is Your Dog Obedient?

**Your Pet will be Trained**

•WHAT WILL I LEARN?

The Dogs Club will teach you how to get your dog to sit, stand, stay on command, walk quietly at your side and come when you call.

•ARE ALL DOGS WELCOME? Yes. We accept all dogs regardless of breed, age, shape, size or personality. Puppies must be at least 12 weeks old and be vaccinated 14days before starting at Dogs Club

•WHEN ARE THE TRAINING TIMES?




Untrained dogs – Tuesdays or Saturdays 10:30 am  
Experienced dogs – Thursdays or Sundays 2:30 pm

•HOW MUCH DOES IT COST?

A ten-week course costs

Rs 220 for people who enroll one dog  
Rs 320 for people who enroll two dogs  
Rs 450 for people who enroll three dogs  
Rs 120 for senior citizens and students for one dog

The Cost



Choose the correct option :

- i) According to the information in the text, ..... at Dogs Club.
- a) dogs can be vaccinated  
b) dogs are trained to be obedient  
c) only untrained dogs can be enrolled  
d) dog owners are taught to train their pets



- ii) Puppies which are .....can join the Dogs Club.
- a) not more than 12 weeks old
  - b) not less than 12 weeks old
  - c) about 12 weeks old
  - d) more than 12 weeks old
- iii) Based on the information in the text, which of these statements is true?
- a) It is preferable to train puppies.
  - b) Senior citizens who want to train their dogs will enjoy a special concession.
  - c) It is advisable for puppies to be vaccinated 10 days before starting at Dogs Club.
  - d) Dog owners have to take their pets to the club three times a week.

**Answer the following questions:**

- iv) Anyone who wants to take a puppy for training for the first time would have to go on .....
- v) Mr Kapoor works five days a week in an office. He has a Labrador dog who has got some training before but he wants to get it trained again. The only day that suits him is ..... .
- vi) Yuvraj studies in Class V and Manisha is a college going girl. If they both have one dog each, they will have to pay Rs ..... for the training of their dogs.
- vii) Why is it important to train dogs?
- viii) Find a word from the above poster which means the same as **order**.



## Module 3

### Class VII Mathematics

### (Critical & Creative Thinking)

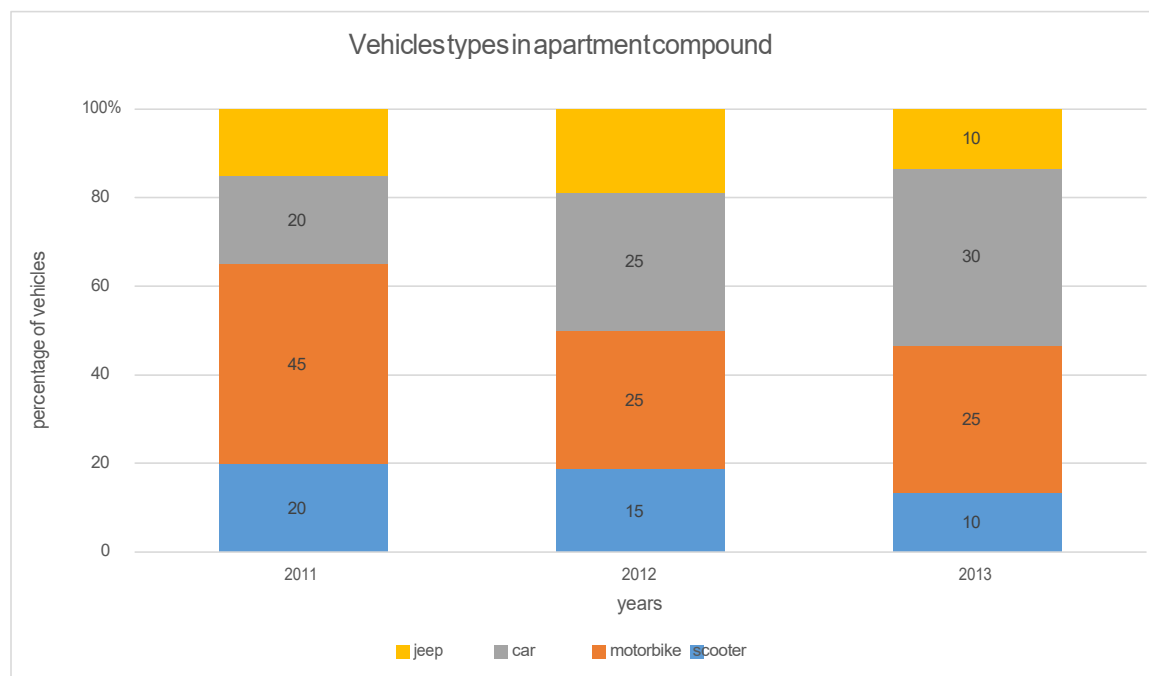
Dear Students

Try reading and analyzing the data from your surroundings. Explore the pictures, find the mathematical facts hidden and interpret the data using logical reasoning.

Let's take one such example:

The chart below shows the types of vehicles, by percentage, in a large apartment compound from 2011 to 2013.

For example, in 2011, 15% of the total vehicles in the apartment compound were jeeps.



- i) What is the difference in the percentage of Motorbikes in the apartment compound between the year 2011 and the year 2013?
- a) 35%
  - b) 25%
  - c) 20%
  - d) 10%
- ii) In a particular year, out of total of 200 vehicles in the apartment compound, 90 were cars. Which year was that?
- a) 2011



b) 2012

c) 2013

d) none of the year could have 90 cars

iii) Find the difference in the number of scooters in 2012 and 2013, if total number of vehicles in each of these years is 200.

iv) Which type of vehicle has majority in the apartment compound during these three years?



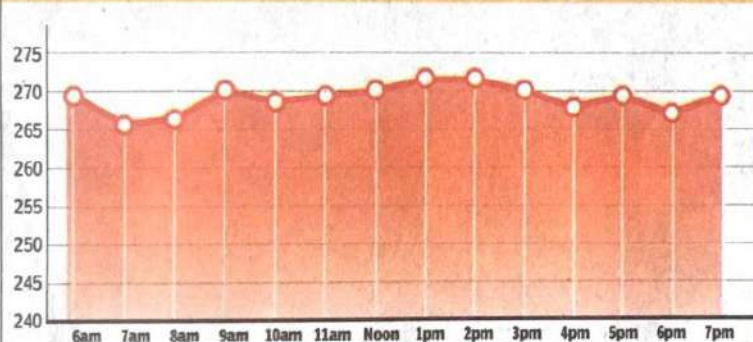
## Module 4

### Class VII Mathematics (Critical & Creative Thinking)

- This year, despite various bans, there was a lot of pollution on Diwali. This resulted in the deterioration of air quality.
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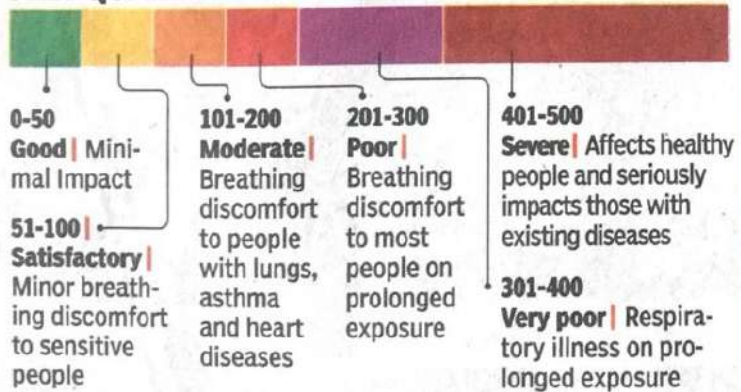
## Post-celebration, city's air continues to be 'poor'

### TRACKING POLLUTION



**BREATHE UNEASY:** City's celebrations add fuel to fire

### AIR QUALITY INDEX AND IMPACT



### WHAT IS AQI

AQI is the numerical scale used to assess air quality, focussing on calculating the effects of the air to the health of people. It looks for major pollution causing factors in the air. They include particulate matter, ground-level ozone, sulfur dioxide, nitrogen dioxide, and carbon monoxide, among others

- Q1. At what two times was the AQI 270?
- Q2. Find the percentage increase in AQI from 8 am to 9 am.
- Q3. Write AQI that result in bronchitis.
- Q4. Why did the city air quality deteriorate post Diwali celebrations?
- Q5. How are the gases present in the air harmful for the soil?



## Module 5

### Creative and critical thinking -Science (class VII)

**Rusting:** Rust is an [iron oxide](#), a usually red powdery substance formed by the reaction of [iron](#) and [oxygen](#) in the presence of [water](#) or air moisture. It is also called oxidation reaction as it takes place in the presence of oxygen. Presence of salty water enhances the process of rusting. To protect from being rusted, the iron metal can be treated in different ways. For example: oiling, painting or galvanization. Making alloys is another way to protect the metal from corrosion. Most of the metals reacts with air when exposed to it and form a coating on them.

Oxidation of metals is not always undesirable, for example aluminium. The coating of oxide on the surface of aluminium sheet is extremely hard and abrasion resistant preventing any further reaction with oxygen and it can be dyed to make it colored, making it an ideal material for mobile phones.

- 1) Metal surface reacts with oxygen and the moisture present in the air and get coated with
  - a) oxide
  - b) carbonate
  - c) hydroxide
  - d) all of these
- 2) When a vessel is exposed to moist air, it forms green coating on the surface. The vessel must be made of
  - a) zinc
  - b) copper
  - c) magnesium
  - d) iron
- 3) Iron pillar near Qutab Minar in Delhi is famous for the following facts. Which of these facts is responsible for its long stability?
  - a) It is more than 7 meters in height.
  - b) It weighs around 6000kg.
  - c) It was built more than 1600 years ago.
  - d) It has not rusted after such a long time
- 4) A part of a ship's iron part has to be replaced every year. Write the reason for this.
- 5) In some case oxidation is considered as desirable. Justify by giving suitable example.



## Module 6

### Class VII Social Science (Critical & Creative Thinking)

**1. Read the following passage carefully and answer the questions that follow:**

Take the term "Hindustan", for example. Today we understand it as "India", the modern *nation-state*. When the term was used in the thirteenth century by Minhaj-i-Siraj, a chronicler who wrote in Persian, he meant the areas of Punjab, Haryana and the lands between the Ganga and Yamuna. He used the term in a political sense for lands that were a part of the dominions of the Delhi Sultan. The areas included in this term shifted with the extent of the Sultanate but the term never included south India. By contrast, in the early sixteenth century Babur used Hindustan to describe the geography, the fauna and the culture of the inhabitants of the subcontinent. As we will see later in the chapter, this was somewhat similar to the way the fourteenth-century poet Amir Khusrau used the word "Hind". While the idea of a geographical and cultural entity like "India" did exist, the term "Hindustan" did not carry the political and national meanings which we associate with it today.

1. Who was Minhaj-i-Siraj?
2. How did Babur defined India?
3. Who was Amir Khusrau?
4. Other than India, enlist five countries whose name changed after the passage of time. Write the old and new name.

**2. Look at the picture carefully and answer the questions that follow:**



1. He is the son of Mughal ruler Jahangir. Identify the person in the picture.
2. Enlist the monuments made by him. Also name the cities in which these monuments are being built.
3. Name his wife.
4. When did he die?
5. When did he become the ruler of India?



D	A	H	W	A	L	L	A	I	T	R	A	M	S	MUGHAL EMPIRE
A	L	A	H	A	M	J	A	T	E	L	M	S	U	MUSLIM LEAGUE
O	T	M	O	N	S	O	O	N	U	A	U	E	O	INDIA
D	R	A	E	I	A	E	E	E	G	G	G	G	T	TALIBANQ
D	R	A	E	I	A	E	E	E	G	G	G	G	T	MARTIAL LAW
A	I	M	L	A	L	T	R	T	A	N	H	N	A	DALIT
A	I	M	L	A	L	T	R	T	A	N	H	N	A	INDIRA
I	A	A	M	I	U	O	A	U	E	E	A	A	Y	PANCHAYAT
D	N	I	L	J	B	A	U	E	L	B	L	G	A	JUTE
D	N	I	L	J	B	A	U	E	L	B	L	G	A	TAJ MAHAL
T	A	D	G	E	U	A	R	A	M	F	E	N	H	DIALECT
T	A	D	G	E	U	A	R	A	M	F	E	N	H	DOWRY
M	L	L	I	A	C	A	N	R	I	O	M	J	C	GANGES
A	R	M	I	R	I	T	M	Q	L	Y	P	R	N	BAY OF BENGAL
E	D	L	A	T	A	D	A	L	S	A	I	H	A	MONSOON
U	A	I	D	E	A	Q	N	S	U	B	R	E	P	
Y	R	W	O	D	G	A	N	I	M	L	E	G	B	
I	I	I	D	R	T	T	A	C	B	G	M	I	E	

## MONSOON



## Module 7

### Critical and Creative Thinking Practice-1 (Geography)

Study the report given below and answer the following.



Q-1 How many trees can be saved every year by recycling each newspaper?

Q-2 Calculate the number of glass bottles require for recycling to run a 100-watt light bulb for 8 hours.

Q-3 Name and draw two recyclable resources.

Q-4 How many terminals are present in the electric cell to produce electricity?

Q-5 Find the word from the report which is used in the manufacturing of paper.

Dear students,

Kindly get yourself engaged in a joyful activity by attempting this sheet on A4 sheet by using your subject integrated skills.

Stay Positive and Proactive.

Regards.



## Module 8

### रचनात्मक गतिविधियाँ

कक्षा सातवीं में हिंदी भाषा में परिपक्वता लाने के लिए कुछ रचनात्मक गतिविधियाँ भेजी जा रही हैं, जिसके अंतर्गत आज का विषय है : समाचारपत्र वाचन  
प्रस्तुत कार्य के लिए ए4 शीट का प्रयोग करें या किसी पुरानी अभ्यास पुस्तिका के पृष्ठ का प्रयोग करें।

नाम

कक्षा

दिनांक

नीचे दिए गए समाचार-पत्र का लेख पढ़िए एवं निर्देशानुसार उत्तर दीजिए—

#### हाँफ़ती रही हुगली

सदियों से हुगली की गहरी और नीली धारा लोगों को अपनी नीलिमा के आकर्षण में बांधती, करोड़ों लोगों की प्यास बुझाती और उन्हें पालती-पोसती आ रही है किंतु आज खुद बेतरह प्रदूषित होकर हाँफ़ रही है। करीब पाँच सौ किलोमीटर की यात्रा तय करते हुए। गंगोत्री से गंगासागर तक गंगा करीब दो हजार नौ सौ किलोमीटर की लंबी यात्रा तय करती है। हुगली सागर में मिलती है पर इस सफ़र में उसे कोलकाता, हावड़ा समेत जगह-जगह विभिन्न नगरों, उपनगरों और कस्बों की गंदगी और कचरे को गले लगाना पड़ता है। इससे हुगली का दम घुटने लगा है। हर साल मिट्टी की बनी हज़ारों प्रतिमाओं के अलावा बारह हज़ार अधजले और 60 हज़ार मरे जीव-जंतु हुगली में विसर्जित किए जाते हैं। सात सौ से ज्यादा कल-कारखानों का कचरा और नालियों का 25 करोड़ गेलन गंदा पानी इस नदी को भेंट किया जाता है। हुगली की तलहटी कचरे से पटती जा रही है और इसकी जल ग्रहण क्षमता हर वर्ष घटती जा रही है।

नदी-प्रदूषण के कारण

नदी स्वच्छ रखने के उपाय

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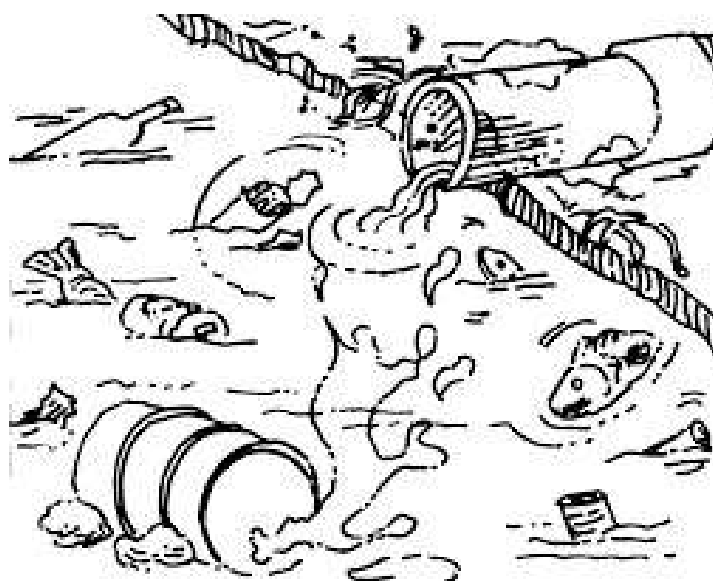
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लेखक ने अपनी 'दादी माँ' की अनेक विशेषताएँ बताई हैं। आप भी अपनी दादी माँ की विशेषताएँ बताते हुए उन पर एक अनुच्छेद लिखिए—

[illegible]