## **Class 10 – 20-Day Holiday Homework Worksheet**

Subjects: English, Hindi, Maths, Science, Social Science, Computer Instructions: Complete one day's tasks daily. Write answers neatly in the space provided. Use extra sheets if needed.

77 Day 1	
<b>English:</b> Read <i>A Letter to God</i> and write a summary in 80 words.	
Hindi: पाठ – नेताजी का चश्मा पढ़कर मुख्य विचार लिखिए।	
Maths: Define Real Numbers and find L.C.M of two given no.	
Real Numbers: L.C.M. 0	Of two
no	

Science (Physics): Define reflection. Draw a ray diagram for a plane mirror.
Reflection:
[Draw diagram below or on a separate sheet]
SST (History): Read the introduction of Nationalism in Europe. List 3 key terms.
1
2
3
Computer: What is the Internet? Write 5 uses.
Internet:
Uses: 1 2 3
4 5
Day 2 English: Make a character sketch of Lencho (A Letter to God).
Hindi: नेताजी का चश्मा से 5 शब्दार्थ लिखिए।
1::::::
2::::

Maths: Find HCF us	sing prime factorisation	n method (2 questions).	
Q1:			
Q2:			
Science (Chemistr	y): Write 3 examples o	of chemical changes in daily life.	
1	2	3	_
SST (Geography):	Write the definition of a	a resource and its types.	
Resource:			
Computer: Write st	eps to connect a comp	outer to the internet.	
77 Day 3			
English: Poem Dus	st of Snow – write the c	entral idea and rhyme scheme.	
Central Idea:			
Rhyme Scheme:			

Hindi: स्रदास	– पद पढ़कर भ	ावार्थ लिखिए।				
Maths: Praction	ce 3 LCM-HC	F questions using	g prime factor	isation.		
Q1:						
Q2:						
Q3:						
Science (Biol	ogy): What is	s nutrition? Explai	n the autotro	ohic mode.		
Nutrition:						
Autotrophic M	ode:					
SST (Civics): Power Sharing	•	er sharing? Give a	an example fr	om Belgiur	n.	
Example:			_			
•		ns related to the in	. •			
Day 4	nmar – Fill 10	) blanks with appr	opriate deteri	miners		
1 ap			-pa.c doto!!			
3 ho	ouse 4	cars 5	time.	6	students 7	day.
8 ide	ea 9	people 10	) wa	ater		

Hindi: वाच्य के भेद समझाइ	ए (कर्तृवाच्य, कर्मवाच्य, भावः	वाच्य)।	
Maths: Write the degree	of given polynomials and	classify them.	
Polynomial 1:	Degree:	Type:	
Polynomial 2:	Degree:	Type:	
Science (Physics): Laws	s of reflection with ray dia	grams.	
Laws:			
[Draw diagram below or o	on a separate sheet]		
SST (History): Who was	Frederic Sorrieu? Descril	be his vision.	
Computer: Draw a labell	ed diagram of a web brov	vser screen.	
[Draw below or on a sepa			
[200] D 5			
17 Day 5			
English: Poem Fire and		symbolic meaning.	
Theme:			
Symbolic Meaning:			
Symbolic Meaning.			

dia <del></del> 2 <del>5</del>	<del></del>	<del>) ( ) ,  </del> ,	
ndı: माता का आच	ाल का सारांश 100 शब्दों में ति	भाखए।	
	ubtract polynomials (4 qu	estions).	
	ubtract polynomials (4 qu	estions).	
1:	-	estions).	
1: 2:		estions).	
1: 2: 3:		estions).	
1: 2: 3:		estions).	
1: 2: 3: 4:		estions). s of 5 chemical reactions.	
1: 2: 3: 4:			
1: 2: 3: 4: cience (Chemist	try): Write word equations		
1: 2: 3: 4: cience (Chemist	try): Write word equations	s of 5 chemical reactions.	
1: 2: 3: 4: cience (Chemist	<b>try):</b> Write word equations	s of 5 chemical reactions.	
1: 2: 3: 4: cience (Chemist	<b>try):</b> Write word equations	s of 5 chemical reactions3.	
1: 2: 3: 4: cience (Chemist	<b>try):</b> Write word equations2	s of 5 chemical reactions3.	
1: 2: 3: 4: cience (Chemist 1 2 ST (Geography)	try): Write word equations 2. 5. Explain the classification	s of 5 chemical reactions3.	

Computer: List any 5 Internet Service Providers (ISPs) in India.

1	2	3	
2	5		
<b>™</b> Day 6			
	andela – write a summar	y and message of the lesson	
Summary:			
Message:			
Hindi: वाक्य भेद (रच	ना के आधार पर) — भेद व उ	दाहरण लिखिए।	
Maths: Multiply 2 po	olynomials (2 examples)		
Q1:			
Q2:			

[Draw below or on a separate sheet]						
SST (	Civics): Writ	e features of the Belgium	n power-sh	aring model.		
Comp	uter: Write 2	2 advantages and 2 disac	dvantages (	of the interne	t.	
Advan	tages: 1	2				
Disad	vantages: 1.	2				
17 Da	y 7					
Englis	sh: Write 5 w	ord meanings and sente	nces from	Nelson Mand	ela.	
1.		;				
	Sentence:					
2.		:				
	Sentence:					
3.		;				
	Sentence:					
4.		:				
	Sentence:					
5.		;				
	Sentence:					

**Science (Biology):** Draw the human digestive system and label parts.

Hindi: सूरदास – किसी एक पद	का भावार्थ लिखिए।
Maths: Solve 2 questions for	rom pair of linear equations.
Q1:	
Q2:	
Science (Chemistry): Type	es of chemical reactions with one example each.
1	Example:
2	Example:
3	Example:
SST (Geography): Resour	ce planning in India – write 5 key points.
1	
2	
3	
4	
5	
Computer: Create a table t	for types of websites (e.g., edu, gov, com).
Type Description	Example

17 Day 8
English: Triumph of Surgery – write a diary entry of Tricki after recovery.
Hindi: माता का आँचल – दो संवाद लिखिए।
Maths: Graphical solution of pair of linear equations (draw graphs).
[Draw below or on a separate sheet]
Science (Biology): Define respiration and its types.
Respiration:
Types:
SST (History): Write a short note on the unification of Germany.

Computer: Draw and label parts of an email window.
[Draw below or on a separate sheet]
17 Day 9
English: Prepare a dialogue between doctor and patient (Triumph of Surgery).
Hindi: पत्र लेखन – अपने भाई को परीक्षा की तैयारी पर पत्र लिखिए।
Maths: Solve pair of equations using substitution method (2 questions).
Q1:
Q2:
Science (Physics): Convex vs concave mirrors (uses and diagrams).
Convex Uses:
Concave Uses:
[Draw diagrams below or on a separate sheet]
SST (Civics): Write the difference between federal and unitary government.

	2	3	
Explanation:			
ay 10 sh: Grammar -	– Create 10 MCQs on de	terminers.	

2	5				
Maths: Elimination r	nethod – 2 quest	tions.			
Q1:					
Q2:					
Science (Chemistry	<b>y):</b> Write and bala	ance 5 chemi	cal equations.		
1	2		3		
2	5				
SST (Economics): Development:	Define developm	ent and its in	dicators.		
·					
Indicators:					
Commutate M/hatia	omoilO Write E et	tianattaa af m	wiking a farmal area	:1	
Computer: What is Email:			nung a formal ema	н.	
Etiquettes: 1.			3.		
4					
			_		
77 Day 11					
English: Write a cha	aracter sketch of	Mrs. Pumphr	rey.		

Hindi: संज्ञा और सर्वनाम में अंतर लिखिए।

Maths: Define quadratic equation. Solve one by factorization.
Quadratic Equation:
Solution:
Science (Biology): Explain blood flow through the human heart.
SST (History): Write a paragraph on nationalism and its symbols.
Computer: Make a mind map of internet-based services.
[Draw below or on a separate sheet]
Pov 42
Day 12
English: Dust of Snow – write one similar experience of your life.

Hindi: सूरदास से 5 कठिन शब्दों के अर्थ लिखिए।

1:::::::
2:::::
Maths: Solve quadratic equations using factorisation (2 sums).  Q1:
Q2:
Science (Physics): Define refraction. Draw a ray diagram (glass slab).  Refraction:
[Draw diagram below or on a separate sheet]
SST (Civics): 3 advantages of federalism.
1
2
3
Computer: Create a chart of the top 5 websites used in education.
Website Purpose

77 Day 13		
<b>English:</b> Write 5 qu	estion-answers from <i>Ne</i>	elson Mandela.
1. Q:		
A:		
2. Q:		
A:		
3. Q:		
A:		
4. Q:		
A:		
5. Q:		
A:		
Hindi: काव्यांश पर अ	ाधारित 5 प्रश्न बनाइए।	
1	2	3
2.	5	

Science (Chemist	ry): Displacement vs double disp	placement reaction.	
Displacement:		-	
Double Displaceme	ent:		
	Soil erosion and conservation n		
Computer: Identify	v phishing, malware, cyberbullyin	ng (write 2 lines each).	
Phishing:			
Malware:			
Cyberbullying:		-	
77 Day 14			
English: Frame 5	questions from A Letter to God.		
1			
2			
3			
4			
5			
Hindi: वाक्य भेद पर	5 उदाहरण बनाइए।		
1	2	3	
2.	5.		

Maths: Solve one	quadratic equation using the quadratic formula.			
ີ່ງ:				
Science (Biology): Difference between aerobic and anaerobic respiration.				
	4 features of Indian federalism.			
OT (OTVICE). LIS	+ leatures of indian federalism.			
1				
2				
3				
4				
omputer: List 5	cyber safety rules.			
1	2 3			
2.	5			
uly* Days 4.5				
<sup>7</sup> Day 15				
i <b>nglish:</b> Revise a	Il 3 poems; create your own short poem (4 lines).			
oem:				
lindi: कहानी का र्श	र्षक बदलकर नई कहानी रचिए।			
	The second side administrator			

Maths: Word problems on qu	uadratic equations (2	2).		
Q1:				
Q2:				
Science (Physics): Mirror fo	rmula and 1 numeri	cal.		
Formula:				
Numerical:				
SST (History): Write 5 MCQ	s from <i>Nationalism</i> i	in Europe.		
1				
				_
2				
				_
3				
				_
4				
				_
5				
o				
				_
Computer: Write one benefit	of each internet se	rvice studied.		
1	2	2		
1	_ 2	3		
GRAN -				
17 Day 16				
English: Letter writing – Writ	e to the editor abou	t the need for tree p	lantation.	

(Don't leave lines in between)

Hindi: समाचार लेखन: "स्कूल में आयोजित विज्ञान प्रदर्शनी"।
Maths: Prepare a formula sheet for Chapters 1–4.
[Write below or on a separate sheet]
Science (Chemistry): Write activity-based questions (2) for chemical reactions.
Q1:
Q2:
SST (Geography): Flowchart on the classification of resources.
[Draw below( —) or on a separate sheet]

	2	3
Day 17		
l <b>ish:</b> Group dis	scussion topic: "Science is	s a blessing or curse?" (write points).

Maths: Solve one equation by all 2 methods: factor,, formula.
Q:
Factor:
Formula:
Science (Biology): Describe excretion in humans with a diagram.
Description:
[Draw diagram below or on a separate sheet]
SST (Economics): Compare per capita income of any 3 states.
Computer: Create a poster on "Safe Internet Use".
[Draw below or on a separate sheet]
To Day 18
English: Write a paragraph: "Importance of Freedom".

Hindi: अनुच्छेद लेखन: "परीक्षा का तनाव"।

Maths:	Mixed worksheet of all 4 chapters (5 questions).
Q1:	
Q2:	
Q3:	
Q4:	
Q5:	
Sciono	e: Revise and prepare a summary of all 3 subjects.
	S:
	stry:
Biology	/:
SST: P	repare 10 one-word questions from all chapters.
4.	
5.	
6.	
-	
8	

9	
10	
Computer: Write definitions of blog, social media, and search eng Blog:	gine.
Social Media:	
Search Engine:	
77 Day 19	
English: Prepare revision flashcards for all characters.	
[Write on a separate sheet]	
Hindi: व्याकरण पुनरावृत्ति: सभी टॉपिक के उदाहरण लिखिए।	
Maths: Self-assessment test – 10 marks.	
[Write below or on a separate sheet]	
Science: Create a flowchart of Life Processes.	
[Draw below or on a separate sheet]	
SST: MCQ worksheet on Civics and History (10 questions).	
[Continue on a separate sheet if needed]	
Computer: Prepare an internet glossary (10 terms).	

1.	::	2	:	3	:	
2.	::	5	:	6	:	
3.	::	8	:	9	::	
4.	::					
17 Day	y 20					
English: Self-made question paper (10 marks) from all lessons.						
[Write on a separate sheet]						
Hindi: पाठों से 5 अति लघु उत्तर तैयार कीजिए।						
1.		2		3		
2.		5				
Maths: Create a 10-mark quiz for a friend.						
[Write below or on a separate sheet]						
Science: Draw labelled diagrams for all 3 subjects.						
[Draw below or on a separate sheet]						
<b>99</b> T- □	Pavisa mans diagram	s and flowe	harte			
SST: Revise maps, diagrams, and flowcharts.  [Note revisions below( \( \bigcap \)) or on a separate sheet]						
[Note r	evisions below( 👇 ) o	r on a separa	ate sneetj			
Computer: Final revision worksheet (10 MCQs).						
[Continue on a separate sheet if needed]						