



MIET PUBLIC SCHOOL

6TH MILE STONE, MAWANA ROAD, MEERUT

Winter Holiday Homework (Session 2021-22)

Class 7

INSTRUCTIONS

1. The holiday homework should be done in your respective notebooks.
2. Kindly draw the well labeled diagram wherever required.

HINDI

प्र01- 'देश' कविता को सस्वर स्मरण कीजिए और प्रश्नोत्तर लिखकर स्मरण कीजिए।

प्र02- 'भारत कोकिला' पाठ को ध्यानपूर्वक पढ़कर सभी प्रश्नोत्तर लिखकर स्मरण कीजिए।

प्र03- हिंदी वर्णमाला को उच्चारण स्थान सहित लिखकर स्मरण कीजिए।

प्र04- चिह्न और उदाहरण सहित सभी कारकों की परिभाषा लिखकर स्मरण कीजिए।

प्र05- निम्नलिखित प्रश्नों के उत्तर लिखिए:

क) अर्जुन ने राजकुमारी उत्तरा के साथ विवाह करने से क्यों मना किया? उत्तरा का विवाह किसके साथ हुआ?

ख) आचार्य द्रोणाचार्य कौन थे? उन्होंने अपने शिष्यों की लक्ष्य-भेद परीक्षा कैसे ली?

ENGLISH

Q1. Essay Writing: The importance of computer for students

Q2. You are waiting for winter vacation. You have some plans in your mind which you would like to convey to your mother. Write a conversation between both of you. (Dialogue writing)

Q3. Underline the main clause in the sentences given below:

- a) Although it was raining, we went outside to play.
- b) Jack was good at tennis, even though he had not had any lessons.
- c) They finished all of their lunch, which was unusual.
- d) Before I get out of my bed, I like to think of my day ahead.

Q4. Underline the subordinate clause in the sentences given below:

- a) This is the tenth book I've read, which is good for someone who hates reading.
- b) We first met in London, where I lived until I was nine.
- c) Even though it was midnight, the children were still awake.

Q5. Rewrite the sentences with correct punctuation:

- (a) could you pass me the newspaper please
- (b) teacher is marking his students work
- (c) didnt you read this sign
- (d) lets play cricket said ali
- (e) this bag is my brothers
- (f) F-mom said come home and have dinner
- (g) G-ive had enough to eat thank you
- (h) H-my daughter likes cats but she doesn't like dogs
- (i) I-my five year old son is watching his favourite show mr bean

MATHS

Q1. There is an association of 5 major national economies: Brazil, Russia, India, China and South Africa called 'BRICS'.

- a) Find the population of each country which is a member of BRICS.
- b) Find the population of each country as the fraction of total population of BRICS.
- c) Find the total population of the BRICS nation as a fraction of the world's population.

Q2. A. Draw a quadrilateral, a pentagon and a hexagon.

- a) Observe the number of diagonals in each of these polygons.
- b) Based on the above, form an algebraic expression for the number of diagonals a polygon of n number of sides will have.
- c) Find the number of diagonals in the polygons with 18 and 20 sides.



Q3. Choose the correct pair of **LHS** and **RHS** expressions (from the boxes given below) and place them in the correct blanks provided in the following table so that the resulting equations have the correct solutions shown.

LHS expressions

$x/6 + 11$	$x - 9$	$7x - 60$	$8x$
$4x - 10$	$x/5$	$7x - 60$	
$x/2 - 11$	$6x - 20$	$x - 4/3$	

RHS expressions

-6	32	12	-14
	-2	-11	-7
$26/3$	3		1

S. No.	LHS =RHS (write the expressions chosen from the above boxes respectively.)	Solutions
1.	_____ = _____	x=1
2.	_____ = _____	x=2
3.	_____ = _____	x=3
4.	_____ = _____	x=4
5.	_____ = _____	x=5
6.	_____ = _____	x=6
7.	_____ = _____	x=7
8.	_____ = _____	x=8
9.	_____ = _____	x=9
10.	_____ = _____	x=10

Q4. Your house is locked and you have lost its keys. The only open window is on the second floor 12 feet above the ground. You want to use a ladder to reach to the window. There is a bush along the edge of the house; you will have to place the ladder 5 feet from the house. Find the length of the ladder needed.

(Hint: Pythagoras theorem)

Q5. Fill in the blanks:

- Two _____ are said to form linear pair of the angles if their non- common arms are two opposite rays.
- If a ray stands on a line, then the sum of the adjacent angles so formed is _____.
- The sum of all angles around a point is _____.
- An angle which is equal to its complement is _____.
- Two angles are called a pair of _____ if their arms form two pairs of opposite rays.
- If two lines intersect, then the Vertically opposite angles are _____
- A line which intersects two or more lines at distinct points is called a _____.
- You can draw _____ transversals on a given pair of lines.
- If two lines are intersected by a transversal such that any pair of corresponding angles are equal then the lines are _____.
- In a triangle, angles opposite equal sides are always _____.

SCIENCE

- Briefly explain the different types of chemical reactions.
- Melting of wax is a physical change, whereas burning of wax is a chemical change. Why?
- A truck travels 540 km in 4.5 hours. Find the speed of the truck.
- What are the different types of motion? Explain in brief.
- What is the difference between uniform & non- uniform motion?

SOCIAL SCIENCE

- Q1. Write the importance of different layers of atmosphere.
Q2. Make a flow chart on Mughal rulers.
Q3. Paste pictures of famous Mughal buildings in history notebook .
Q4. Write about any one National party of India.
Q5. As a responsible Citizen we should always give vote. Justify the statement.

COMPUTER

- Q.1 What is a Computer virus? Compare it with a biological virus.
Q.2 Create a webpage either using Anwriter app (in mobile) or notepad (in computer) with following tags and attributes:-
a) Insert an image in the background.
b) Insert three horizontal bars in your webpage.
c) In first section, write a paragraph on covid-19, keeping the text centered aligned.
d) In second section write five lines about yourself, in white text and italics font.
e) In last section put your class and your name.
Q.3 Show the coding as well as output of question 2.
Q.4 What are worms in terms of computer malware? Also mention the harm they cause to any computer network.
Q.5 Create a worksheet in MS Excel of class 7, either using your mobile phone or computer, having following details:-
a) Insert details like student name, section, date of birth, gender, address and phone number.
b) Add up to 15 records.
c) Apply sorting in alphabetical order in students' name column.
d) Filter section A's column.
e) Save the worksheet with WHHW name.

SANSKRIT

- प्र01-'अस्माकंदेशः' और 'लोभासकतः नृपः' पाठके *पूर्णवाक्येन* प्रश्नोत्तर लिखकर स्मरण कीजिए।
प्र02- रक्ष्, गै(गाय्) या च्धातु केलट् (वर्तमानकाल), लोट् (आजाकाल), लृट् (भविष्यकाल) और लङ् (भूतकाल) लकारों को लिखकर स्मरण कीजिए।
प्र03- अज, निशा और पुस्तक शब्द रूप संस्कृत में लिखकर स्मरण कीजिए।
प्र04- 'नीति श्लोकाः' पाठ में दिए गए श्लोकों को संस्कृत में लिखकर स्मरण कीजिए।
प्र05- 76 से 100 तक की संख्याएँ संस्कृत में लिखकर स्मरण कीजिए।

GENERAL KNOWLEDGE

- Q1. Write daily one National, International and Sports news with the date and day.
Q2. Learn and write the names of all the states with their chief ministers.
Q3. Learn and write the names of the six Botanical garden and five wild life sanctuaries with their respective cities.
Q4. List several political parties along with their election symbols.
Q5. Activity- Sprouting of black gram. Observe the growth daily and also write all the details related to the nutrients, availability in sprout seeds. After sprouting, click a picture and paste it in your notebook.