Assignment for class VII

ENGLISH LANGUAGE

(to be done in single line sheet from school exercise copy)

I. WRITE A COMPOSITION (250-300 WORDS) ON ALL THE FOLLOWING TOPICS:
1. An autobiography of a television.
2. Narrate an experience that helped you to overcome your greatest fear.
3. Describe a place you have dreamt about that doesn't exist in real life.

II. Letter writing. (Write both the letters)
1. Write an application to the principal requesting her/him to hold a self defense camp for girl students. Mention how the camp will be beneficial for the students.
2. Write a letter to your friend thanking him/her for the hospitality that you received during your visit to his/her place.

III. Notice writing
Your school is organizing an "on spot painting competition" on the occasion of the Founders Day in the school auditorium. As a head girl draft a notice to be displayed on the school notice board asking the students of classes VI-VIII to submit their names for the competition.

IV. Rewrite the following sentences from direct to indirect:
1. The doctor said to the patient, 'Take your medicines without fail.'
2. The mother said to her daughter, 'I'm proud of your achievements.'
3. 'I've spoken nothing but the truth,' the prisoner said.
4. The mother said to her son, 'I will lend you the money but you have to listen to me.'
5. 'Is your father at home?' the stranger asked me.
6. 'Get out of the class,' the teacher yelled at the boy.
7. Sarika said, 'Let's get something to eat.'
8. Karan said, 'Alas, how foolish I have been.'
9. The traveler said, 'I've lost all my money.'
10. They said to her this morning, 'We will meet you tomorrow evening.'

V. Rewrite the following sentences from active to passive :

1. A gardener regularly trims the hedge in my lawn.
2. People do not take the laws seriously.
3. The members are discussing he problems seriously.
4. He is forcing me to sign these papers.
5. The loud noise of passing vehicles will disturb the child.

VI. Write any 10 proverbs with their meaning.

VII. Make sentences with the following words:

1. Dairy, Diary 2.Brake, Break   3. Loose, Lose 4. Story, Storey   5. Weather, Whether.

ENGLISH LITERATURE

Download the poems **Wandering Singers** by Sarojini Naiduand **Friends and Flatterers** by William Shakespeare. Write down both the poems neatly in a copy and also write the summary of both the poems and a life sketch of both the poets.

SCIENCE

PHYSICS

(A) Answer in one sentence:

1. Explain the factors on which work done depends.

2. Define friction.

3. Why the base of taller buildings is made broader?

4. Distinguish between natural and artificial magnets.

(B)Find the odd one out:

1. Plastic, brass, iron, copper

2. Sharp knife, pointed heel, wide tyres, pointed nail

3. Sound energy, chemical energy, heat energy, light energy.

4. Wood, sun, water, wind.

5. Length, mass, area, time.

6. Kelvin, volta, celsius, Fahrenheit.

7. Magnetic force, gravitational force, electrostatic force, frictional force.

(C)Answer the following.

1. What is the use of?   i. Clinical thermometer, ii. Laboratory thermometer

2. State the important properties of a magnet.

3. Explain Kinetic energy and Potential energy.

(D)Name the following.

1. Fundamental unit of temperature is known as.

2. Which is the simplest machine?

3. A quantity which depends on other quantities is known as.

4. Force of friction between a rolling object and surface known as.

(E)Fill in the blanks.

1. Electricity produced from water is called _____

2. The normal temperature of the body is _____

3. To increase pressure, area of contact is _____

4. _____ is the surest test of magnetism.

5. Force of gravity is always directed towards the ____of the Earth.

(F) If a girl of mass 50 kg is standing on pencil heels each of area of cross-section 1 sq. cm and an elephant of mass 5000 kg and foot area 250 sq. cm each, are standing on a floor. Which one will exert more pressure and what is the difference between the pressure exerted by the girl and the elephant?

CHEMISTRY

Write the names of any 20 elements, their symbols and their valencies.

BIOLOGY

Write a project on either of the following topics:
1. Five kingdom classification
2. Animal tissues

Instructions:
- **You must write the project on ANY ONE TOPIC**
- **Page limit is 10 pages**
- **The entire project must contain your content, introduction, body of the project, conclusion, acknowledgement and bibliography(sources from where you have taken the information)**
- **In the light of current circumstances, it is advised that you may prepare this project in your spare copy/workbook/worksheet**

Your project must contain:
- **Describe systematically the topic you have chosen**
- **You may include diagrams/pictures which you can save now but incorporate them in your final submission**

SOCIAL STUDIES
HISTORY

PROJECT TOPIC- THE DELHI SULTANATE

CONTENTS:

- INTRODUCTION: A brief introduction to the topic in about 100-150 words.
- PREPARE A TIMELINE CHART. The four dynasties and their chronological order with their span of reign.
- RISE OF THE DELHI SULTANATE:
1. Slave Dynasty - role of Qutb-ud-din Aibak and Iltutmish.
2. Khalji Dynasty: Jalal- ud- din Khalji and Ala-ud-din Khalji.
3. Tughlaq Dynasty: Ghiyasuddin tughlaq and Muhammad bin Tughlaq.
4. Lodhi Dynasty: Ibrahim Lodhi.
- ARCHITECTURE UNDER THE SULTANATE: Name some monuments built during the period and also mention the name of the ruler under whom they were built.
- ADMINISTRATION: A brief account of the administration in general .
- CONCLUSION: Overall account of what you learned in course of preparing the project.
- MATERIALS TO BE USED- Project file or any notebook, whatever is readily available at home. Appropriate pictures can be pasted if possible.

GEOGRAPHY

Chapter's Name ---Atmosphere

1) What is atmosphere?How is it composed of? Draw a diagram to show the composition of Atmosphere..

2) Draw a diagram to show the different layers of Atmosphere.

3) Mention few features of the following..
a) Thermosphere and b)Mesophere

4) What is normal lapse rate?

5) Why is troposphere densest and warmest?

6) What is tropopause and mesopause?

7) Why is Stratosphere called Ozonosphere? Why is Ozone important?

8) Why do meteoroids burn up in mesophere?

9) How is oxygen helpful for us?

10) Which gas is used by the plants during photosynthesis?

11) What are aerosols? Why are they important?

12) Mention the significance of the Atmosphere.

13) Why do we know very little about Exosphere?

14) How is water vapour helpful?

15) Which layer of the Atmosphere has ions? Why are they important?

Select any one topic from the following...

1. Atmosphere....Composition, layers of the atmosphere, Significance, Air pollution.... It's sources, causes, effects and preventive measures.

2. Energy and Power Resources.... Types of energy resources (Conventional and Non Conventional), their uses, advantages and disadvantages.

MATHEMATICS

1. Classify the triangles as scalene, isosceles or equilateral according to the length of their sides:

i) 30cm, 20cm, 15cm   ii) 15cm, 12cm, 15cm

iii) 18cm, 18cm, 18cm   iv) 6cm, 5cm, 8cm

2. Where will the hand of a clock stop if it starts from:

(i)   6 and turns through one right angle?

(ii)   8 and turns through 2 right angles?

(iii)   10 and turns through 3 right angles?

(iv)   7 and turns through 2 straight angles?

3. Classify the triangles as acute, obtuse and right angled triangle according to the given angles :

i)   30°, 40°, 110°   ii) 45°, 90°, 45°

iii) 70°, 50°, 60°   iv) 105°, 35°, 40∘

4. Use the sign of >, < or = in the box to make the statement true.

(a) $30 + (-25) + 15$ $\boxed{}$ $-30 + 15 + 25$

(b) $(-110) + (-125) + 25$ $\boxed{}$ $110 + (-25) + 125$

5. Arrange the following integers in ascending order and descending order:
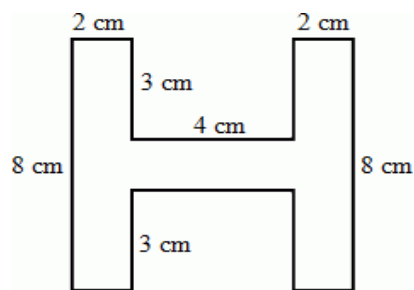
(a) –35, –22, 8, –15, 3, 0

(b) 120, –132, 132, –35

6. Subtract the sum of –230 and 427 from the sum of 370 and –491.

7. Write all the odd integers between – 4 and 8.

8. Guru walks five times around a triangular park of sides 351 m, 146 m and 543 m while Balu walks 3 times around a square park of side 525 m. Who walks more and by how much?

9. By splitting the following figure into rectangles, find the area.

10. Form algebraic expressions for the following:
i) Two times a number increased by three.
ii) Three times a number subtracted from eighteen.
iii) Sum of a and b subtracted from the product of x and y.
iv) Five subtracted from three times m.
v) y multiplied by -10.
vi) Ten added to twice of n.

11. Gauri is 5 years younger than Reena. Can you write Gauri's age in terms of Reena's age? If yes, express your answer as algebraic expression.

12. Construct the given angles using ruler and compasses.
i) 30° ii) 45° iii) 120° iv) 90°

13. What is the cost of tiling a floor with length 40m and width 20 m at the rate of 6 per square metre?

14. Find the length of a cardboard if its area is 36sq.cm and breadth is 9cm.

15. Draw a number line and answer the following questions.
(i)Which number will we reach if we move 6 units to the right of –1?
(ii)Which number will we reach if we move 7 units to the left of 2?
(iii)In which direction should we move to reach 4 from –4?
(iv)In which direction should we move to reach –8 from –3?

16. Represent the following on the number line:
 i) 2 less than – 6   ii) 4 more than – 2
iii) 4 + (- 3) iv) 2 + 5 - (- 1)

17. If Meena's present age is y years then:
i) What will be her age after 6 years?
ii) If her grandfather is 5 times her age, what is her grandfather's age?
iii) If her grandmother is 3 years younger than her grandfather then what is her grandmother's age?

18. Draw any line segment LM. Take any point P on it. Through P, draw a perpendicular to LM using compasses.

COMPUTER STUDIES

1) Explain any six formatting tags with syntax in HTML.
2) Create the following table in HTML:

First Name	Last Name	Age
Rekha	Chand	25
Arnita	Roy	21
Sunil	Boro	27

BENGALI

Bengali Project Work

Class VII- বাংলা প্রকল্প

প্রবন্ধ রচনা কর (শব্দ সংখ্যা ২০০ - ২৫০)

বিষয় -মোবাইল ফোন

(মোবাইল ফোন ব্যবহারের ভালো ও মন্দ দুটো দিক সম্পর্কে লিখতে হবে)

HINDI

CLASS - VII
हिन्दी परियोजना

Topic :— 'पुस्तक मेला' [200 - 250 Words]
[स्थान, अपना अनुभव, क्या-क्या देखा, क्या खरीदा
क्या कमी दिखी तथा कमी को दूर करने के सुझाव]