

**LT ATUL KATARYA MEMORIAL SCHOOL
COMPUTER ASSIGNMENT
CLASS -8**

Q1. Write the steps to perform the following task

a) To download IRCTC app from Google Play Store

b) To search a particular address route map using Google Maps

c) To create an App using Free App Development software

d) To store data in a CD/DVD

Q2. Difference between Uploading and downloading

Q3. Define the following

a) One Foot Ball App

b) WAN

c) Web Portal

d) SMTP

LT ATUL KATARYA MEMORIAL SCHOOL
ENGLISH GRAMMAR WINTER HOLIDAY ASSIGNMENT
CLASS – VIII

Date :

Name :

Q.1) Join each of the following pairs of sentences using appropriate conjunctions.

1. Work hard. You will pass.
2. Give full attention to your studies. You will succeed.
3. Hurry up. You will miss the train.
4. Ruth ran very fast. She could not catch up with Mark.
5. He has already delivered a good performance. Nobody can question his eligibility.
6. I know. He is a brave boy.
7. 'Would you like to accompany me?' He asked.
8. We all respect him. He is an honest man.
9. She cannot go to work. She fully recovers from her illness.
10. Jane is quite warm and friendly. Her sister is quite warm and friendly.

Q.2) Fill in the blanks after choosing the correct preposition.

1. Halloween is celebrated _____ (in/at) the United States _____ (in/on) October 31.
2. Are you going away for the weekend? – I don't know. It depends _____ (on/under) the weather.
3. The witch turned the boy _____ (into/in) a frog.
4. He felt bad _____ (for/at) no reason at all.
5. I have been living here _____ (since/for) ten years.
6. Have you been _____ (to/for) the cinema recently? Yes I was there a few days ago.
7. I happened to meet an old friend _____ (across/in) town.
8. Have you read the article? – It was _____ (on/in) yesterday's newspapers.
9. He always drives _____ (at/in) a tremendous speed because he's always _____ (at/in) a hurry.
10. He is very fond _____ (with/of) good food.

Q.3) In the following passage, fill in the blanks with the correct form of the word given in the brackets

There (0) was (be) some confusion in the doorway. A man (i) _____ (get) into the compartment (ii) _____ (stammer) an apology. Then the door (iii) _____ (bang) and the world was (iv) _____ (shut) out again. I (v) _____ (return) to my berth. The guard (vi) _____ (blow) his whistle and we (vii) _____ (move) off. Once again I (viii) _____ (has) a game to play.

Q.4) Rewrite the following sentences according to the instructions given after each. Make other changes that may be necessary but do not change the meaning of the sentence.

- (i) Rotten eggs and tomatoes were thrown at the speaker. (Begin: The audience)
- (ii) Nobody has behaved with us like this. (Begin: Never...)
- (iii) He was my childhood friend. He deceived me. (Begin: Although)
- (iv) Landline Phones are not as reliable as cellphones. (Use: Comparative degree)
- (v) They said, "Shall we have a holiday tomorrow? (Change into Indirect Speech)
- (vi) Parking on this road is forbidden. (Begin: It...)
- (vii) I don't owe you any money. (Add a question tag)
- (viii) I began my work, the light went off. (Begin: No sooner)

Q.5) Rewrite the following sentences in the passive form:

- (i) They have pulled down the old building.
- (ii) They sold many tickets at the gate.
- (iii) Post this letter.
- (iv) We are renovating the living room.
- (v) Why haven't you paid your dues?
- (vi) I shall post these letters tomorrow.

LT ATUL KATARYA MEMORIAL SCHOOL
ENGLISH LITERATURE WINTER HOLIDAY ASSIGNMENT
CLASS – VIII

Date :

Name :

Q.1) Write the meaning of the following words:

- (a) gimmick
- (b) incensed
- (c) perpetuated
- (d) untenured
- (e) revert
- (f) intervention
- (g) immensely
- (h) joyaunce
- (i) contrive
- (j) yearn
- (k) pathetic

Q.2) Explain the meaning of the following lines:

- (i) "On a buoy in the strong it floated and swung
And over the waves its warning rung."

- (ii) "It's song to a man's soul, brother, fire to a man's brain."

- (iii) "I never hear the west wind but tears are in my eyes."

- (iv) "His daily routine was confined to these activities."

- (v) "Conspiracies were hatched"

Q.3) Answer the following questions:

- (i) The summary of "The West Wind" in your own words.
- (ii) What are the three future events that the homeless character wishes for?
- (iii) Have you ever felt homesick? When what were your feeling?

- (iv) In what ways the Inchcape Bell important to Mariners?
- (v) Write a brief description of the letter send by a lady writer to Mark Twain in your own words.

Q.4) Read any one novel of Issac Asimov (a prolific writer of science fiction). Some suggested books:

- (i) I – Robot
- (ii) The Cave of Steel
- (iii) The Robots of Dawn
- (iv) The Naked Sun

Note : Write the review of the book and make the cover page of the same.

Q.5) Most important - Revise all the syllabus done for Final Term Examination.

Happy Holidays and Wish you all a very Happy and Prosperous New Year, 2018

**ATUL KATARYA MEMORIAL SCHOOL
GEOGRAPHY HOLIDAY HOME WORK
CLASS- VIII**

Q1. Define the following terms:

- a. Sub continent
- b. Standard meridian
- c. Resources
- d. Sanctuary
- e. Census
- f. Skilled workers
- g. Contour
- h. Mountain

Q2. Answer the following question:

- a. Write any four characteristic of Northern Indian plains.
- b. Distinguish between Western and Eastern Ghats.
- c. Examine the role of Monsoon in Indian economy.
- d. Analyse human as resources of a nation.
- e. Education and training are necessary. Give reason.
- f. Why is there a need to conserve wildlife? Explain.
- g. Find out all give reasons from the chapters and write.
- h. Do map practice on river map of India.

LT ATUL KATARYA MEMORIAL SCHOOL
WINTER HOLIDAYS HOMEWORK ASSIGNMENT
CLASS: VIII
SUBJECT - PHYSICS

1. Write one word :

- a) Speed of light in air or vacuum _____
- b) For a white light ray , the colour which disperses the least _____
- c) The SI unit of heat capacity is _____.
- d) Liquid having highest specific heat capacity_____.
- e) Solenoid is converted into permanent magnet by using _____ core in it.
- f) A device used by sailors to find the direction _____

2. Correct the following incorrect statements:

- a) Poles can be separated from a magnet.
- b) Freely suspended magnet rests in S- N direction.
- c) The process in which a liquid rapidly changes into gaseous state at some fixed temperature is called fusion.
- d) The angle between two refracting surfaces of a prism is called angle of emergence.

3. Draw the following diagrams :

- (i) Refraction of light through a prism
- (ii) Image formed by convex lens when the object is a) At $2F$ b) Between F and $2F$
- (iii) Image formed by concave lens when the object is a) At infinity
b) anywhere between optical centre and infinity

4. Define :
- a) Specific latent heat of fusion of ice
 - b) Solenoid
 - c) Specific latent heat of vapourisation of steam
 - d) Magnetic lines of force

5. Numericals:

- (i) 1500 J of heat is supplied to 200g water. Find the rise in temperature. Specific heat capacity of water = $4.2 \text{ J/g}^{\circ}\text{C}$.
- (ii) How much heat must be added to raise the temperature of 100g of water from 5°C to 95°C .
Specific heat capacity of water = $4.2 \text{ J/g}^{\circ}\text{C}$.

6. Draw the diagram for magnetic field around a) straight conductor b) circular coil c) Solenoid

NOTE : 1. Do this assignment in separate thin copy.

2. Learn whole syllabus of final term and do written practice.

SUBJECT - CHEMISTRY

NOTE Prepare Final Term syllabus (chapter 4, 5, 7, 9)

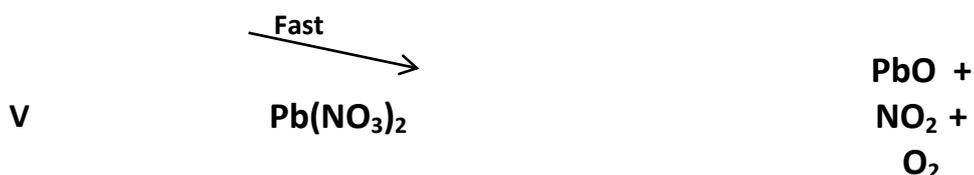
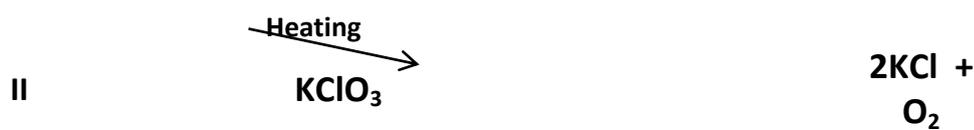
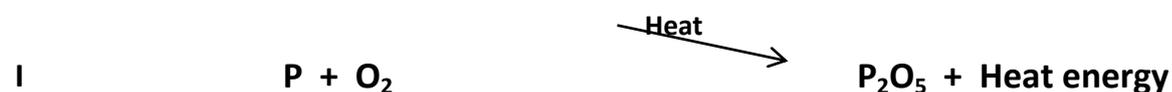
Read chapters thoroughly and do written practice in chemistry practice notebook

Prepare CT-IV syllabus (chapter 9)

Q1 Write down the observations with balanced chemical equations -

- I When few pieces of iron are dropped into a blue coloured copper sulphate solution.
- II When lead nitrate is heated
- III When a solution of silver nitrate is added to a solution of sodium chloride
- IV When aqueous solution of caustic soda is added to iron sulphate
- V When potassium reacts with cold water
- VI Red litmus paper is introduced into a jar containing hydrogen
- VII Hydrogen gas combines with an equal volume of greenish yellow chlorine gas in diffused sunlight

Q2 Balance the following chemical equations -



Q3 Identify the gas produced -

- I When electric current is passed through acidulated water
- II During the process of photosynthesis
- III When zinc is dropped in dilute hydrochloric acid
- IV Hydrogen is passed through boiling sulphur
- V Sodium bicarbonate is heated strongly

Q4 Write down balanced chemical equation -

- I Hydrogen gas burns in oxygen
- II Hydrogen gas is passed over red colour metallic oxide
- III Marble chips react with dilute hydrochloric acid
- IV Carbon dioxide gas dissolves in water
- V Sodium bicarbonate reacts with aluminium sulphate
- VI Yellow colour metallic oxide is reduced by carbon monoxide

Q5 Write down the molecular formula of the following compounds -

- | | | | |
|-----|-------------------------|----|------------------------|
| I | Washing Soda _____ | IV | Muriatic acid _____ |
| II | Baking Soda _____ | V | Ammonium Nitrate _____ |
| III | King of chemicals _____ | VI | Silver nitrate _____ |

Q6 Complete the following table -

	<u>Particle</u>	<u>Symbol</u>	<u>Atomic Mass</u>	<u>Discovered By</u>
I	Electron		9.1×10^{-28} gm	Sir J.J. Thomson
II	Proton	p^+		
III	Neutron	n	1.6×10^{-24} gm	

Q7 Balance the following equations and identify the type of chemical reactions -

- | | | |
|-----|---|--|
| I | $(CuNO_3)_2$  | $CuO +$ _____
$NO_2 +$ _____
O_2 |
| II | $Al + H_2O$  | $Al_2O_3 +$ _____
H_2 |
| III | $Zn + HCl$  | $ZnCl_2 +$ _____
H_2 |
| IV | $NaOH + HCl$  | $NaCl +$ _____
H_2O |
| V | $AgNO_3 + NaCl$  | $AgCl +$ _____
$NaNO_3$ |

