#### ASSIGNMENT FOR CLASS 7

### EMGLINSH



In each of the following sentences, supply a Verb in agreement with its Subject. The Verb to be used is given in brackets at the end of each sentence:

1. One of the pupils in our class \_\_\_\_\_ a car. (owns, own) 2. Ten kilometres a long way to walk. and (is, are) 3. None of the boys bought their books yet: : (has, have) 4. The cost of all these articles additional risend o(has, have) 5. One of the workers killed in the explosion. 6. Most of the workers still under suspension. 7. Each of these minerals found in India. 8. No sound but their own voices heard. (was, were) 9. Marathi, as well as English, taught in our school. (is, are) The cost of all these articles has (not have) usen. 10. Every shop and every restaurant closed. is in zhinsup bitibeds amos satonab nuold lamba 6 (was, were) 11. Many an attempt and been made to climb Everest. enion in at ylio off to abritte (has, have) 12. Twenty thousand rupees a large sum of money. 13. One of his sisters studying in College. (ara ;si) illarly, with titles of books and names of sciences 14. Vegetable prices mizeralm na gone up. maidata anti-(luns, have). (linited States has a big army. 15. Neither of the two girls eligible for the scholarship.

Fill in each blank with one of the two Verbs given in brackets:  1. Not one of her children intelligent. (is, are)
Not one of her children intelligent. (is, are)  2. A knowledge of modern languages essential.  (is, are)
3. Neither of the explanations correct.  4. A large number of people killed in the riots.  (was, were)  5. The long and the short of the matter this.  (is, are)
7. A list of weak boys in our class been prepared.  (has, have)  8. This is the only one of his novels that worth reading.  9. Raman and not you won the prize. (has, have)  10. She is one of the noblest women that ever lived.
11. The dacoit, with his followers, shot dead.
12. Neither the boy nor his brother to blame.
13. Kindness as well as justice this.
(requires, require)  14. Bread and butter his favourite food. (is, are)
15. The majority of voters not know the value of their votes their votes (does, do)

#### Say which word is correct. Underline it:

- 1. All the mice {is/are} dead.
- 2. All the rice in this bag (is/are) of good quality.
- 3. Much of the {works/work} in our school {is/are} very easy.
- 4. One or other of those fellows {has/have} stolen the ring.
- 5. There {was/were} present Mr. Dey, Mrs. Jones, and Miss Mary at the meeting.
- 6. Each (soldier/soldiers) (was/were) present at (his, their) post.
  - 7. Few {man/men} {is/are} able to do {his/their} own cooking.
  - 8. Either of these girls {is/are} allowed to write {her/their} name.
  - 9. Neither of these boys [was/were] present then.
- 10. Several of these boys [was/were] not able to do this sum.
- 11. One of these {man/men} {comes/come} here daily.
- 12. I have (much/many) (book/books) in this box, but not one of them (is/are) interesting.

- 13. We have enough {egg/eggs} here, but {is/are} there enough plates?
- 14. Everybody in the senior classes of all schools in all countries {has/have} to learn more than one {language/languages}.
- 15. There {was/were} not many people present, but everyone {was/were} carrying a sword.

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Complete the following sentences, using 'is' or 'are':  1. All the students of this class did did being to take the test.
2. Both Mary and Tom did aid agai fond of music21
3. Mathematics my favourite subject.  4. Measles an infectious disease.
6. The news too good to be true. 7. A hundred pounds not a lot of money today.
8. The herd of horses worth a lot of money.  9. Either George or Peter going to accompany us.
10. The pair of scissors not very sharp.  11. This knife very sharp.  12. The police looking for you.  13. My trousers torn.
15. Neither of the teachers in the classroom.  16. The Outcastes a good movie.  17. The mother of these children
18. Politics his main interest to redict to study.  19. Physics an interesting subject to study.  20. Everyone of these things new.

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Fill in the blanks with the correct tenses of the Verbs in brackets. Use Simple Present or Present Continuous Tense
e He seldom or never makes a misrake.
1. He generally Hindi, but he English today. (speak)
2. The telephone bell again. It sometimes withirty times a day of the continuous of
it at night.
4. Harry football well. He in the first eleven this season. (play)
5. He generally a blue suit, but today he (wear)
6 Mr. Bali too much! Every time I see him he (smoke)
7. "What at home." this evening?" (do)
8 Ashok says in this letter that he mid less his holidays. (enjoy)
this summer? tot spend your holidays (go)
Sheinow. She regularly in the afternoon. (knit)
(not like) fish but her husband it.
S. When water (freeze), it (swell) into the least I (12) into the red ice.
9id (see)
13. The man who(talk) to Tom at the moment
14. What you about? (think) You worn (og) rather worried.
15. He generally very well but today he (play)
16. Whenever I (meet) him in the street, he (try) to avoid me.
17. Peter the violin very well. Now he
(ping)
18. He always (talk) to me in English but he (use) French now.
19. He usually a pipe but he a cigar now. (smoke)
20 My mother usually coffee but she tea now. (drink)
tea now. (drink)

Fill in the blanks with the correct tenses of the Verbs in brackets. Use the Simple Present Tense or the Present Continuous Tense only:

1. On my way to school I usually discount (me	
2. The sun bottom (rises) in the east; now it _	(set)
the window. (not to listen) now; he	out of (look)
4. Newspapers (tell) us about ever (happen) in all parts of the world.	ents that



5. She generally \_\_\_\_\_ (wear) a blue sari but/today she (wear) a red one. this summer? 6. When it \_\_\_\_\_\_ (rain) people usually \_\_\_\_\_ (stay) indoors. (Strate) afternoon. one (17.) Heneman and (not to read) the newspaper that he usually. \_\_\_\_\_interieu(read). and right point tent) 8. When water \_\_\_\_\_ (freeze), it \_\_\_\_\_ (change) into .ron ice. (12) I shall tell her the news as soon as I 9. "What \_\_\_\_\_ he \_\_\_\_ (do) for a living?" "He insmum will is my (buy) and \_\_\_\_\_ (sell) old furniture." 10. It usually \_\_\_\_\_\_ (rain) in July. It \_\_\_\_\_ (rain) nor now mode (%) 11. "Where \_\_\_\_\_\_!(go) you die \_\_\_\_\_ (go) now?" "I ... the generally "... the theatre." vibroung ell .61 12. "Where are you, Mary?" "I \_\_\_\_\_\_ (sit) in the drawingroom". "What you there?" (do) "I (watch) the television." 13. He always (sleep) in the afternoon; he 14. He usually \_\_\_\_\_ (walk) from his home to the office but this week he \_\_\_\_\_ (go) by tram. 15. "Raman \_\_\_\_\_(come) to see me this evening. Perhaps he \_\_\_\_\_ (need) my advice." 16. "Our teacher seldom \_\_\_\_\_\_ (sit) when he \_\_\_\_ (teach). I wonder why he \_\_\_\_\_ today. (sit) Perhaps Character. he \_\_\_\_\_ well." (not feel) 17. They generally \_\_\_\_\_ (spend) their holidays in the hills, ni adasy but this, year, they rece orly dis (stay); at chome. at 1117 ingegri8. Til 10 geng! television whenever I can, (watch) but I (not watch) television tonight because there's planed through worth seeingen I loome of you are no il 19. "I \_\_\_\_\_\_ (hear) you (leave) India shortly". "Yes, I (go) to the United States. It c (expect) to stay there for about two months." 12 20. That man who (walk) past the window toda about tende en Ci-v titte vermelener. Scanned with CamScanner

It is not always easy in company to speak frankly and if you don't want be considered an ill mannered person, you have to watch constantly for signs. It is not easy, for example, to listen for long to any person. Try in company to take only a fair share of the conversation. If there are two of you, take half of it. When you have said a little, keep quiet and give your friend a chance to say something. If he does not talk, he and everyone is really exhausted and angry. Don't think you can say unpleasant things about someone behind his back and not be found out. It is surprising how the remarks usually find their way to the person with your name attached, so to speak. Whatever you say, always assume, that the person may overhear, and modify your remarks accordingly. All experienced people act in this way.



- (i) Suggest a suitable heading for the passage.
- (ii) Mention two characteristics which belong to an ill mannered person.
- (iii) What good manners should you observe when you are in company?
- (iv) Why shouldn't one say unpleasant things about someone behind his back?
- (v) What is foolish about the behaviour of a young man or woman who "talks away" all the time?
- (vi) Give the meaning of:
  - (a) considered (b) constantly (c) exhausted

Write short paragraphs on the following subjects:

1. My Favourite Dress.

2. The Things I Do Not Like.

- 3. Honest Means of Livelihood.
- A School Excursion.
- 5. My Daily Programme.
- The Neighbour I Dislike the Most.



A certain king once fell ill and doctors declared that only a sudden fright would restore him to health but the king was not a man for anyone to play tricks on, except his fool. One day, when the fool was with him in his boat, he cleverly pushed the king into the water. Help had already been arranged and the king was drawn ashore



and put to bed. The fright, the bath and the rest in bed cured the diseased king; but he was so angry with the fool that he turned him out of the country. The fool returned, however, and the king ordered him to be put to death. Saying privately that he would only repay fright with fright, he directed the executioner not to use the axe but to let fall a single drop of water on the fool's neck. The fool was led to the gallows. The executioner dropped a drop of water on the fool's neck, and amidst shouts and laughter, the fool was asked to rise and thank the king for his kindness. But the fool never moved; he was dead, killed by his master's joke.

#### Questions

- (i) How could the sick king be cured?
- (ii) Who alone could afford to play tricks on the king and why?
- (iii) What did the fool do in the boat?
- (iv) What cured the sick king?
- (v) Why did the king turn the fool out of his country?
- (vi) How did the fool meet his end?
- (vii) Did the king really want the fool to die?
- (viii) Pick out expressions used in the passage which mean the same as:

# MATHS

	Class-VII
0.11	Maths Topic + Fractions and decimals
amp:	Maths Topic + Fnactions and deumans
A1.	Convent the following into fractions in
	donest temps:
O MARINE	(i) 3.75
200	(ii) 0.5
177	(iii) 2.04
the section of	(iv) 0.65
	(v) 2.405 ·
100	(vi) 0.085
	(vii) 8.025 + (2-8) (-8) 1 3 + 65
disale	(25-) × (84-) + (31-) × (25-)
Q2.	Convent into decimal fractions
The Lord	(i) 24 (iv) 7543
J°ca	man to hard at the model of the state appoint
T	(i) -79 (v) 3 (v)
العلوب	with the thing were mount into the think
1	(iii) 37 (vi) 93
	10,000
20.	ad samples setundant is aimed to kind
Q3.	Addd
	(i) 0.5 and 0.37
	(ii) 3.8 and 8.7
CHA-	(iii) 0.02, 0.008 and 0.309
SHE COUNTY	(11) 0.4136, 0.3195 and 0.52
- 1	v) 9.25, 3.4 and 6.666
44	vi) 3.007, 0.587 and 18.341
The state of	vii) 0.2, 0.02 and 2.0002
	viii) 6.08, 60.8, 0.608 and 0.0608.

(k)	29.03, 0.0003, 0.3 and 7.2
(x)	3.4, 2.025, 9.36 and 3.6221.
04.	Substract the first number from the Second:
(i)	5.4,9.8
(ii)	0.16,4.3
100	0.82,8.6
	0.07, 8.43
(v)	2.237, 9.425
(vi)	41.03, 59.46
(vii)	3.92, 26.86
(iiii)	4.73, 8.5
((x))	12.63,36.2
(x)	0.845, 3.71
85.	Simplify:
19/19	the state of the s
(1)	28.796-13.42-2.555
(11)	93.354 - 62.82 - 13.045
(16)	
(iv)	86+16.95 - 3.0042
(v)	32.8-13-10.725 +3.517
(vi)	4000-30.51-753.101-69.43
(vir)	0.1835 + 163,2005 - 25,9 - 100
(viii)	38.00-30+200.200-0.230
(ix)	555.555 +55.555 -5.55 -0.555.

# HMDAGE

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नीन्चे दिए जाए कार्य प्रयत्नों की ह्यानपूर्वक पढ़कर उन्हें हल करें। सभी कार्य रफ कॉपी में करें।

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व्यक्तिवाचक	जातिवाचक	भाववाचक
र और चले आइए, हम आपकी	दोस्ती चाहते हैं।	
पर फूल महक रहे हैं। हमारी	खुशी का ठिकाना नहीं है। आप	किस चिंता में डूबे हैं? छोड़ि
जी को उठाया और हम दोनों र	पैर को निकल पड़े। सूरज के आते	ही चाँद-सितारे सब चले गए
	को भा रही है। सुबह उठते ही जब	
लिखित अंश में आई संज्ञाएँ रेखांवि	हत कीजिए तथा नीचे उनको उनके <u>घ</u>	
हमें दूसरों की	नहीं करनी चाहिए।	(बुरा)
सभी चाहते हैं।		(सफल)
बगीचे में है।		(हरा)
चिड़िया को	लगी है।	(प्यासी)
आजकल बुजुर्गों का मन	से भरा रहता है।	(उदास)
उक में दिए गए शब्दों से उचित भ	ाववाचक संज्ञाएँ बनाते हुए रिक्त स्था	नों की पूर्ति कीजिए :
	में चमक रहा है।	
तुम्हारी	में अच्छी बातें लिखी हैं।	
बगीचे में एक	चहचहा रही है।	
पौधे पर	— आ गए हैं।	
मेरा मन	से भरा है।	: hende :
त स्थानों की पूर्ति उचित संज्ञा शर	द्दों द्वारा करते हुए प्रयुक्त संज्ञा वे	न भेद का नाम भी <del>विकास</del>
(ग) समूहवाचक संज्ञा	(घ) सभी गलत हैं।	
(क) व्याक्तवायक संशा	(ख) जातवाचक सज्ञा	
'इन्हीं जयचंदों के कारण देश '	पराधीन हुआ' इस वाक्य में आया '	जयचंद' किस संज्ञा का भेट 🏖
(ग) व्यक्तिवाचक संज्ञा	(घ) उपरोक्त सभी गलत	₹
(क) जातिवाचक संज्ञा	(ख) समूहवाचक संज्ञा	

	ज़ब्द द्वारा रिक्त स्थान भरिए	:	
100	धार हमारे देश की	है। वहाँ रेत-ही-रेत है।	
(1.	हमें दूर की सोच रखनी चाहिए		σι
2.	and the state of t	की उपमा नहीं दी जा सकती।	``
3.	खोज करनेवाले को	कहा जाता है।	
4.	राधा बहुत अधिक बोलती है।		
5.			
निम	निलिखित अनेक शब्दों को उनके	उपयुक्त एक शब्द के साथ जोड़क	र जोड़े बनाइए :
1.	जिसकी उपमा न दी जा सके	जलचर	
2.	जो मीठा बोले	मितव्ययी	
(3.	जन्म से अंधा	निष्कपट	
4.	कम खर्च करनेवाला	अनुपम	
(5.	जो जल में रहता है	मृदुभाषी	
-	जिसके मन में कपट न हो	जन्मांध	
	लिखित अनेक शब्दों के लिए	एक शब्द लिखिए :	
-	जो परिचित न हो	_	
2.	जिसका आचरण अच्छा हो	_	
3.	जिसका विवाह हो गया हो	_	
4.	एक ही जाति के लोग		
(5.	जिसका नाम न हो	_	
	जिसका आधार न हो	_	
(1	लिखित शब्द-समूहों में से सही	शब्द अलग कीजिए :	
u.	जिसकी उपमा न दी जा सके	<ul> <li>उपमाहीन, उपमारहित, अनुपम</li> </ul>	
2.	रात में विचरण करनेवाला	<ul> <li>निशाचर, रात्रिचर, पिशाच</li> </ul>	
3.	साहित्य से संबंध रखनेवाला	<ul> <li>कवि, लेखक, साहित्यिक</li> </ul>	
4.		<ul> <li>नगरीय, शहरी, नागरिक</li> </ul>	

निम्नलिखि	त शब्दों	के विलोम लि	खकर उन्हें वाक्यों में	प्रयोग कीजिए	:	
शब्द		विलोम		वाक्य		
विनाश	т –					_
ज्ञानी	_		-			-
सुस्त	-					-
प्रतिकू	ল –					-
बंधन	-					-
निम्नलिखित	शब्दों र	के विलोम शब्द	लिखिए:			
भारी	×		- गहरा	×		
ठोस	×		– ਸੀਹਾ	×		
नख	×		- हर्ष	×		
उत्थान	×		- खेद	×		
नीचे लिखे श	ाब्दों में	से विपरीतार्थक	शब्दों के जोड़े बन	ाइए :		
साफ़ 🔩			अपयश			
गुप्त	`*****		व्यय			
आशा	•	***************************************	> गंदा			
आदर			अभेद			
उत्तम			निराशा			
यश			प्रकट			•
भेद			अधम			
आय		,	निरादर			
रंगीन शब्दों वे	न विलो	म शब्दों द्वारा	रिक्त स्थान भरिए			
1. पेड़ सजी	वि होते	हैं उन्हें		मत काटिए।		
		करनी चाहिए		नहीं।		
		पराया भी		ाता है।		
- 1. आज नव			- 1	1/II 61		
. सच बोल						
		01	ৰ	लना पाप।		4

विष	निखित व वह <b>बान</b>	ाक्यों में सही शब्दों क चलाना सीख रहा है।	त प्रयोग करके	दोबारा लि	खए:		
	रोगी को	समय पर हल्का <b>पथ</b>	देना चाहिए।				
3	शाम होते	ही पक्षी अपने-अपने	नीर में चले ज	ातें हैं।			
بل	दिन में द	वार भोजन अवश्य	करना चाहिए।				
ؽ	बहती हव	। पावन कहलाती है।					
(c)	हमें दृष्टि	अपने <b>लक्ष</b> पर रखन	ो चाहिए।				
Ţ.	धृतराष्ट्र न	ने भीम को अपने बाह्	पास में भर वि	लया।			
8.	सबकी स	मिति से यह निर्णय	लिया गया है।				
Q.	अब किस	की <b>बली</b> चढ़नेवाली	है।				
<u>(10.</u>	कोई अन्	न घोड़ा लाओ।					
निम्	ালিखিন হ	ब्दों के अर्थ लिखिए	:				
	नग		(2.	प्रणाम			
	नाग			प्रमाण			
3.	पाश		(4.	कुल		•	
	पास			कूल			
5.	दिशा		(6.	नीर			
_	दशा			नीड्			
Ų.	शोक		(8.	बान		-	
	शौक			बाण			

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١.	य चलिलग र	लप में प्रयो	ग होनेवाले तीन शब्द लिखिए : 2.		
FI.	1.		2		_
f-1	गर्जन पर	वादल नड	ति शब्दों के विषय में बताइए कि वे स्त्रीलिंग हैं या पुल्लिंग राए हैं।	:	
2.	सरकार व	ती कार चल्	वर्गे नागि।	-	
3.	हमें तुम्हा	राहमददा	नहीं चाहिए।		
4.	नदी पर	बना पुल दूर	च मो कमान <del>होते हैं।</del>	- 1, 1	
5.	-		बू से कागज़ लेने हैं। ————	-	
नीचे	लिखे वा	क्यों में रंगी	न शब्दों के लिंग बदलकर रिक्त स्थानों की पूर्ति कीजिए :		
1.	पड़ोस में	पति	की तकरार से उनका घर टूट गया है।		
2.	हमारे विव	्यालय के	अध्यापक बच्चों का ध्यान रखते हैं।		
3.	कुम्हार 🗆		मिलकर बरतन बनाते हैं।		
4.		सम्राट की	को नहीं जानते।		
5.	मेरे माता		में कभी झगड़ा नहीं होता।		
6.	हम भाई		आपस में प्यार से रहते हैं।		
नीचे	लिखे शब	दों के एक	से अधिक संभावित विपरीतर्लिगी शब्द दिए गए हैं। उचित	जोडा र	बोजिए :
	अनुजा	-	अनुज, अग्रज, आत्मज		
	धोबी		धुलाई, धोबिन, धूल		
	कवि	-	काव्य, कविता, कवियत्री		
	सेठ	-	सेठाइन, सेठानी, सेठिन		
	दाता	-	देती, दात्री, दात्रा		
	राजा	-	सम्राज्ञी, बेगम, रानी		
निम्न	लिखित पु धोबी	ल्लिंग और ———	स्त्रीलिंग शब्दों का वाक्यों में प्रयोग कीजिए :		
	धोबिन				
	साधू				
	साध्वी				
	सास				
	ससुर	-			

## PHYSICS

Subject - Physics Class - VII Date: 11 Read pages 25 to 31 of Chapter -2 (Motion) and answers the following questions. Define the term useight and state its SI unit.

(3.2) Which quantity: mass or weight, does not change by change of place?

(4.3) How do you determine the non-uniform motion? 8:47 State three differences between mass and weight. covers distance ION each example

# BOPOGY

	Page
	Biology [class-7]
-4	Do all the questions in Rough Motebook -
	Chapter-4 [Ruspication].
Q.1.	Explain why a land plant may die if Etz evoots remains water logged for a long time.
	Describe the process of ste respiration in
Q.3	what type of respiration takes place in Yeast and in humans?
Q.4	Differentiate between the following-
b	Respiration and photograthesis
0.5	Stomata and lenticels. Deaue a well-labelled diagram of human
Q.6	Mame a few diseases associated with Respira
Q.7 	Replication is a continueus process and is essential for the survival of plants, Explain.
	txpau.

### CHEMISTRY

Chapter 4 Atomic Structure

Please copy the given notes in your chemistry exercise notebook. Untidy and carelessly done work shall not be accepted.

21

MINIS	Atomic structure
	regularita e of il
	Aim: To make the students aware of the
	durcture of alon 4 113 contents
	Allery A
	and the same of th
	Important topics of the chapter:
	continue topicals patricks and the continues of the conti
	Atom and atomic structure
	and cutrons (articles carrying no charge
•	Sub- atomic particles of at an atom:
	Electrons Protons & Meutrons
	Discovery of electrons, protons and neutrons
	The state of the s
	Modern periodic table
	Anato interior in balance alla della
	Molecules
	Molecule of an element
	- Molecule of a compound
	The state of the s
	A A A
	Atomicity
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•	Radicals and Tons
	Radicals and Tons
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	Radicals and Tons

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	Introduction:	
	to the state of the state	, it is to a give the first
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		vely charged particles
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	Neubrons - Partio	
	and the state of	oled and some due state
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	STRU CTURE OF	
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•		atom was first studied
		the put forthe certain
	postulates represented	as Dallon's atomic
	theory.	tolecules .
19/20/2	lasmed .	no to elimination
•	later, the Modern at	omic theory has seen to
	cordradict Dalton's at	lomic theory
	A. T.	oPincetA
	Contents of an atom	Disoverers
-	(Sub-atomic particles)	Rack; the tend Time
	Electrons	J. J. Thomson [1897]
		Mom son William 1
Part of the	Protons	Goldstein [1898]
		quiasian [[848]
TOWN WAY	Neutrons	T
100		James Chadnoick [1932]
	Atomic nucleus	Rutherford [1911]
Marie Control of the		Kulhestad 119117

		Classmate Date Page
	MOLECULES	OT A STATE OF A STATE
	Atoms of the same ele elements that combine v	to form a molecule
	Molecule of an element:	ement is formed
3	from the same	1
	Elemends of same Kind	Holeaule of elements
		Hydrogen molecule
• 19	Molecule of a compound	and is formed from
	A molecule of a composedifferent kind of atoms.	
	Elements of differents in 1931	Molecule of compound
3	Hydrogen [2 atoms]  Oxygen [1 atoms]	H <sub>2</sub> O molecule
	Oxygen [1 atoms]	

	ATOMICITY
	Limit A long
100	atoms present in a
inale 1	It is the number deposit
700	molecule of an ecomen
Sus in	having
1	Managranic Molecule:
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	one atom is called a monourous
dame!	molecule Ex - He, Ne, K, Na etc.
.)2:	DIATOMIC MOLECULE: MALON MAROTONIA A two
	A molecule of an element composed of
	atoms is known as a diatomic more and
- Justia	e mandites H, O, N, rete . majoring.
	44.0
3.	
1	A molecule of an element composed of three
- mod	latoms is known as a totatomic molecule.
1	Ex - O3 [ozone] to hait. Investib
4.	POLYATONIA NOLSONICA
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-	more than un element composed of
1 - 10	a polyatomic moderale
	a polyetomic molecule  Ex - Phosphows [P4].
1550	Alexander of South South
	( a lar. ) minter O

	Classmate O Date O Page
	RADICAL
	A radical is a single atom or a group of atoms of different elements behaving as a single unit and with a charge on the group.
	Grample -  Ammonium [NH4]  Carbonate [co32-]
	Radicals are of two types
•	Positive radical at  If is a radical which behaves like a metal in a chemical reaction  Ex - NH4 [Ammonium]
•	Negative radical +  It is a radical which behaves like a non-metal
	in a chemical reaction  Ex • Co <sub>3</sub> <sup>2-</sup> [Carbonate]  • 30, 2- [Sulphate]
-	

	Oate Page
	· CHENICAL FORMULA
	The is the represendation of a substance by means of symbols  The represents the elements which are present in the compound.
	It also denotes the number of each atoms of each element. present
	Substance - Symbols - No. of atoms of Chemical formula
int	Sodium chloride Nachand 1 atom of chlorine Nach
	Method of writting the chemical founder of
Strans	To write the chunical formula of a compound we should know the following.
	· Symbol of the element  · Valency of the element
	31ch I: Write the symbol with its valency
	Step II. Interchange the valencies

	classmate  Onto Page  Onto Page Page  Onto P
Step III	Remove any common factor in valency of ignore the charge
	Ex- · Sodium chloride · Calcium sulphal
	Na Cl +1 X -1 Ca X 50,4 +2 X -2
	Na, Ch, Cax (say), Nacl
	Nacl Ca, (504), Ca504
	A chemical equation is the representation of a chemical reaction (or chemical change) through the symbols and formulas of the read and and products.
•	It is a shorthand from representing the result of a chemical change.
	Representation of a chemical reaction equation:  NaOH + HCl -> NaCl + H,0
	Here, NaOH of HCL are reactarily  NaCL and H, o are products
	'_, represents the direction of the reaction

### <u>HISTORY</u>

# Read chapter 2 and answer the given questions

#### B. Answer the following questions in detail:

- When and where was Muhammad born? Explain in detail why AD 622 is important for all Muslims.
- 2. Explain in short the five pillars of Islam.
- 3. Who succeeded Muhammad and how? Name and write about the three sects of Islam.
- 4. State the central teachings of Islam. Which one of these teachings appealed to you most? Why?
- 5. How did Islam spread through trade?
- Explain the expansion of Islam under the Umayyad and Abbasid.

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### EMD OF ASSIGNMENT