CLASS-10 (28/5/20)
*MATHS
Do it from the attached image.

*SCIENCE
Chemistry
1... Explain the term corrosion with an example .write chemical equation to show the process of corrosion of iron. what special name is given to the of iron .what type of chemical reaction involved in the corrosion of iron ,name any three object which are gradually damage by the corrosion of iron and steel.
2.... Explain the term rancidity .what damages caused by rancidity?
3.... What happened when an aqueous solution of sodium sulphate react with an aqueous solution of Barium Chloride .write the balanced chemical
equation for the reaction which takes place .state the physical condition of the reactants in which the reaction will not takes place .name the type of chemical reaction in which occurs .give one example of another reaction which is of the same type as the above reaction.

*ENGLISH
Answers of Exercise-11

1. He …takes pleasure in.. correcting her English.
2. You …don't need much / needn't take much / don't have to take much… luggage when going on holiday.
3. He ..may not have received.. the doctor's results yet.
4. All I want you to do is to ……take care of….. my dog.
5. She ……could not decide….. about the trip.
6. He locked the gate ……to prevent the dog (from).. escaping.
7. They ……objected to paying………. extra taxes.
8. It was …such a nice day…. that we went on a picnic.
9. I ………saw everyone except….. Jane.
10. She decided to …drop in on… her friend and tell her the news.
11. You ……needn't have met… me at the airport yesterday.
12. You …should not have talked… to her like that.
13. I saw the film in …spite of my strong dislike… of thrillers.
14. The rain ……makes it impossible…. to play tennis.
15. It is the …best food I've ever.. tasted.
16. Do your parents …let you watch…. TV late at night?
17. I asked my mother …whether/if she had written…. a note for Anna
18. He left ……after he had given me/after giving me….. the money.
19. I ……am used to getting…. up early.
20. The employees ……were made to stay late… by the manager
21. If ……you hadn`t helped me……. , I would never have managed.
22. The crime ……has been investigated by…… the police.
23. Greek ……is said to be a……. difficult language to learn.
24. I ………wasn't calm enough to…… react.
25. She …offered to pick him up….. from the airport.
26. I ………was never told…. about it.
27. He ……may be working…. late.
28. She asked the teacher ………if she could explain that……… to her.
29. We have to ………cut down on……….. our expenses.
30. Their glory can never fade

1) Solve the equation by using method of completing square.

$$x^2 - 6x + 3 = 0$$

Sol^n $x^2 - 6x + 3 = 0$

$x^2 - 6x + 9 - 9 + 3 = 0$

$(x-3)^2 - 6 = 0$

$(x-3)^2 = 6$

$x - 3 = \pm\sqrt{6}$

$x = 3 \pm \sqrt{6}$

$(3 + \sqrt{6}), \ (3 - \sqrt{6})$.

2) $3x^2 - x - 2 = 0$

Sol^n $3x^2 - x - 2 = 0$

$x^2 - \dfrac{x}{3} - \dfrac{2}{3} = 0$

$x^2 - \dfrac{x}{3} + \dfrac{1}{36} - \dfrac{1}{36} - \dfrac{2}{3} = 0$

$\left(x - \dfrac{1}{6}\right)^2 = \dfrac{2}{3} + \dfrac{1}{36}$

$\left(x - \dfrac{1}{6}\right)^2 = \dfrac{12 \times 2 + 1}{36}$

$\left(x - \dfrac{1}{6}\right)^2 = \dfrac{25}{36}$

$x - \dfrac{1}{6} = \pm \dfrac{5}{6}$

$x = \dfrac{1}{6} \pm \dfrac{5}{6}$

$x = \dfrac{1}{6} + \dfrac{5}{6}$

$= \dfrac{6}{6}$

$\boxed{x = 1}$

$x = \dfrac{1}{6} - \dfrac{5}{6}$

$= \dfrac{1-5}{6}$

$= -\dfrac{4}{6}$

$\boxed{x = \dfrac{-2}{3}}$

$\boxed{x = 1, \ -\dfrac{2}{3}}$