



YUGANTAR PUBLIC SCHOOL



CLASS - XII

SUMMER VACATION HOMEWORK - 2019-20

[HINDI] -

परियोजना कार्य (विषय कक्षा में दिया जा चुका है)

[ENGLISH] -

Classified Advertisement :

1. You are the secretary of Institute of Career guidance and Counselling. Draft a suitable advertisement to be published in a daily newspaper giving all essential details like starting date, duration, facilities, fee charged etc.

2. Draft a Poster to generate 'SPOKEN ENGLISH' environment in your school premises. Use slogans, witty expressions in about 50 words. The poster must be appealing, catchy and attractive.

Note : To answer the questions given above refer a good reference text book. Also write essential details of both the types of classified advertisement.

3. Write a review of the movie KESARI OR URI. Follow the format given below. Write neatly on A-4 size ruled pages make it attractive by pasting pictures of the movie.

TITLE OF THE MOVIE

MOVIES (STYLES) : Action/Horror/Thriller/Historical/Patriotic/Epic

CHARACTERS : Lead role, hero, heroine, villain, supporting character, Valiant soldiers, patriot etc

PLOT : Is it abouta man chasing a killer/corruption/ History/struggle for freedom.....

SCENCES : All good/bad, inspiring, motivating, captive, ending, Ending etc.

It was set on: Name of the city, which part of the Country events or incidents took place. Pre/ Post Independence.

GENERAL DESCRIPTIVE PHRASES : Acting, Camera work, Action, Sound Track, visual effects, directing etc.

MESSAGE/ MORAL :

(Your own view about the movie in about 30-40 words. All the heads of the review should be expressed precisely, in short, coherently.)

[MATHS] - 1. Factorize the quadratic trinomials:

(i) $x^2 + 5x + 6$

(ii) $x^2 + 10x + 24$

(iii) $x^2 + 12x + 27$

(iv) $x^2 + 15x + 56$

(v) $x^2 + 19x + 60$

(vi) $x^2 + 13x + 40$

(vii) $x^2 - 10x + 24$

(viii) $x^2 - 23x + 42$

(ix) $x^2 - 17x + 16$

(x) $x^2 - 21x + 90$

2. Factorize the expressions completely:

(i) $x^2 - 22x + 117$

(ii) $x^2 - 9x + 20$

(iii) $x^2 + x - 132$

(iv) $x^2 + 5x - 104$

(v) $y^2 + 7y - 144$

(vi) $z^2 + 19z - 150$

(vii) $y^2 + y - 72$

(viii) $x^2 + 6x - 91$

(ix) $x^2 - 4x - 77$

(x) $x^2 - 6x - 135$

3. Factor by splitting middle term:

(i) $x^2 - 11x - 42$

(ii) $x^2 - 12x - 45$

(iii) $x^2 - 7x - 30$

(iv) $x^2 - 5x - 24$

(v) $3x^2 + 10x + 8$

(vi) $3x^2 + 14x + 8$

(vii) $2x^2 + x - 45$

(viii) $6x^2 + 11x - 10$

(ix) $3x^2 - 10x + 8$

(x) $2x^2 - 17x - 30$

4. Download following document and solve problems on rational expressions.

[BIO] -

{1} Complete the lab record as per instruction given in the class. {2} Learn all taught chapters.

{3} Complete all NCERT exercise question- answer.

[PHYSICS] -

1. Complete the NCERT exercise question- answers and examples of chapters 1,2 and 9.
2. Complete the lab record of 15 experiments and 5 activities as per the instructions given in classs.
3. Learn all the taught chapters i.e chap - 1,2 & 9.

[CHEMISTRY] -

1. Solve the NCERT questions and intext questions of chapter 1 and 2.
2. Complete the practical record as per instructions given in the class.
3. Complete the project work on the topics given in the class.
4. Learn the various rules of writing IUPAC name of organic compounds.

Physical Education:- Learn definition of

Unit 1 Planning and Sports

Unit 2-Sports & Nutrition

[IP]

(Prepare in Project File)

Ques : Consider the table Recharge_Plan and write the SQL commands of :

Operator	Plans	Price	Days	Area
Airtel	500 MB	28	28	CG & MP
BSNL	6GB	175	28	Kerala
IDEA	6GB	92	7	North East
JIO	3GB	NULL	1	Punjab
IDEA	500 MB	33	28	Chennai
BSNL	3 GB	NULL	1	Gujarat
JIO	2 GB	251	51	Kerala
JIO	0.5 GB	594	168	CG

1. Display the company whose gives 3 GB data for more than 1 day.
2. Count the total price of JIO operator which provides plans in GB.
3. Change the amount with 655 rupees whose days exceeds 5 months.
4. Display the list of operators giving services in Chhattisgarh.
5. Display the unique plans from the table.
6. List the plans and days of those area whose letters ends with t.
7. Write sql query to add a new column **totalamt** with type **varchar** and size **30**.
8. List the operator and plans whose price are not present on the Recharge_Plan table.
9. Write sql query to update the value in the column totalamt.(totalamt will be same as price).
10. Double the price of Chennai and kerala region .
11. Display the list of operators, plans and totalamt whose days are more than 100.
12. List price as recharge amount and all the area name in capital letter from the above table.
13. Change the datatype of plans to varchar and size to 40.
14. List all the days , plans and area name in the descending order of price.
15. Display the recharge plans which provide the price between 100 and 400.
16. Show the operator, plans and all area except Gujarat and Punjab.
17. Remove the column days and plans from the table.
18. Replace the plans with 8 GB whose price is more 200.
19. Update price with 500 of those price who don't have any price in the table.
20. List the area, operators and the last two letter from plans from the above table.