

Class - IX



P.G. Senior Secondary School 10+2

Affiliated To CBSE, New Delhi

SUMMER HOLIDAYS HOMEWORK

Contact us for any query

+91-9450683593

+91-9792320915

Submitted By: _____

Dear Students,

Summer Vacation is really a time duration that brings a lot of joy and new things for you. But this duration is not only for entertainment. It is the time period when you spend your maximum time in your family. Hence, you should try your level best to focus on the values that are taught only in the family or School.

There are some suggestive points for you with an expectation that you will follow without any excuse.

You are suggested to –

- ❖ Do Your Vacation Work by yourself.
- ❖ Avoid separates Note Book for Assignment
- ❖ Write Good, Neat and Clean.
- ❖ Use a file to settle the Pages of Assignment.
- ❖ Do all the work with Day and Date.
- ❖ Avoid playing in the Sunshine or Hot Places.
- ❖ Try to pray God daily.
- ❖ Pay special attention towards your Health and Caring.
- ❖ Touch the Feet of your Parents, Grand Parents and other Elders of your family at least two times in a day (Morning & Night)

Request to Parents:

- ❖ Holidays homework should be done by the child, under parental guidance.
- ❖ The child should have a fixed time daily, for doing the assignments.
- ❖ Nurture your child's interest – be it art, music, dance or anything else.
- ❖ Let him/her pursue a hobby of his /her own choice.
- ❖ Please train your child to become independent in his daily chores.

Please Involve child at home in the following tasks –

- ❖ Help to keep the house clean- clear toys, books or craft after they finish playing.
- ❖ Help your mother to set and clear the dining table.
- ❖ Remember to converse in English.
- ❖ Be polite while speaking and talk softly.

To enhance children's creativity and innovation for the progressive learning. Help yourchild to do the following:

- ❖ **Morning Blessings:** Help your child inculcate good habits like doing "Surya Pranam" & encourage him/her to greet all elders in the morning.
- ❖ **Fun in Knowing:** Tell the child about your childhood, share incidents from the past and show him/her old family albums. This will strengthen the bond between you and your child.
- ❖ **Fun with Books:** Read English and Hindi stories to your child with morals.
- ❖ **Fun with family:** Make use of these holidays and spend quality time together as a family and make your child feel special.
- ❖ **Fun with Parents:** Cook dinner together. Show your child how to measure 1 cup, 1/2, 1teaspoon etc. Start naming the food groups, when you serve them.
- ❖ **Go for shopping together:** Tell your child about market and mall differences, about the things, items and material purchased from there.
- ❖ Let your child help in your household chores like cleanings, dusting and many more.
- ❖ Have walk together and talk to your child about what he/she likes and dislikes etc.
- ❖ Help your child to memorize the home address and your phone numbers too.
- ❖ Help your child in learning how to open and close his/her water bottle, lunch box

Subject - English

Tenses Exercises**1. Rewrite the following sentences using the tense indicated in the brackets.**

1. He will do his work with diligence. (Simple present)
2. I followed his instructions. (Simple future)
3. That will be interesting. (Present continuous)
4. I will not allow this to happen. (Simple past)
5. My trip to the USA was successful. (Simple present)
6. He worked very hard. (Future continuous)
7. I will never raise any demand. (Present perfect)
8. He walked out of the room without looking at anybody. (Simple future)
9. He is crying at the top of his voice. (Past perfect)
10. Great deeds were never done by small men. (Simple present)
11. I will never have betrayed my country. (Simple future)
12. John broke his leg. (Present perfect)
13. I know it is not the right thing to do. (Simple past)
14. We buy vegetables from the market. (Present perfect)

2. A. Put the verbs into the correct tense (simple present or present progressive)

1. Look! Sara (go) _____ to the movies.
2. On her right hand, Sara (carry) _____ her handbag.
3. The handbag (be) _____ very beautiful.
4. Sara usually (put) _____ on black shoes but now she (wear) _____ white trainers.
5. And look, she (take) _____ an umbrella because it (rain) _____.

2. B. Put the verbs into the correct tense (simple past or past perfect)

1. When he (wake up) _____, his mother (already /prepare) _____ breakfast
2. We (go) _____ to London because our friends (invite) _____ us
3. He (hear) _____ the news, (go) _____ to the telephone and (call) _____ a friend.
4. When she (start) _____ learning English she (already /learn) _____ French.
5. Jane (already / type) _____ three pages when her computer (crash) _____.
6. By the time the doctor (arrive) _____ at the house the patient (die) _____.
7. Before that day we (never / think) _____ of traveling to Japan.
8. I (know) _____ him a long time before I (meet) _____ his family.
9. They (not / know) _____ where to meet because nobody (tell) _____ them.
10. It (be) _____ cloudy for days before it (begin) _____ to rain.

2. C. Put the verbs into the correct tense (simple past or present perfect).

1. I (just / finish) _____ my homework.

2. Mary (already / write) _____ five letters.
3. Tom (move) _____ to his home town in 1994.
4. My friend (be) _____ in Canada two years ago.
5. I (not / be) _____ to Canada so far.
6. But I (already / travel) _____ to London a couple of times.
7. Last week, Mary and Paul (go) _____ to the cinema.
8. I can't take any pictures because I (not / buy) _____ a new film yet.
9. (they / spend) _____ their holidays in Paris last summer?
10. (you / ever / see) _____ a whale?

2. D. Put the verbs into the correct tense (Simple Past or Past Progressive).

1. The receptionist (welcome) _____ the guests and (ask) _____ them to fill in the form
2. The car (break) _____ down and we (have) _____ to walk home.
3. The boys (swim) _____ while the girls (sunbath) _____.
4. My father (come) _____ in, (look) _____ and (tell) _____ me to tidy up my room.
5. While one group (prepare) _____ dinner the others (collect) _____ wood for the campfire.
6. While the parents (have) _____ breakfast the children (run) _____ about.
7. Martha (turn) _____ off the light and (go) _____ to bed.

2. E. Put the verbs into the correct tense (simple future or future perfect)

1. Tomorrow I think I (start) _____ my new project.
2. I (finish) _____ it by the end of this month.
3. The teacher (probably/assign) _____ a test to his students next Monday.
4. He (correct) _____ it by the end of next week.
5. My friend (certainly/get) _____ a good mark.
6. By 9 o'clock, we (finish) _____ our homework.
7. They (leave) _____ the classroom by the end of the hour.
8. I think I (start) _____ my trip tomorrow.

3. Fill in the correct form verb – All Tenses

1. I _____ a great film yesterday. (see)
2. _____ a new car? (you ever buy)
3. I _____ him last Monday. (meet)
4. The band _____ while I _____. (play, write)
5. She _____ the new car in 2005. (buy)
6. Her mother _____ in Victoria for the past five years. (live)
7. They _____ in Germany when we arrived a few days ago. (already be)
8. _____ to get married? (you plan)
9. I _____ so much fun since I was a kid. (have)

10. When I got up I _____ out of the window and _____ that it _____. (look, see, rain)
11. Janet _____ for Smith and Brothers before she came to work for _____ us. (work)
12. I _____ three movies so far this week. (see)
13. How long _____ for me? (you wait)
14. I _____ over Loch Ness last week. - _____ the Loch Ness monster? (fly, you see)
15. I'm afraid I'm not hungry. I _____. (already eat)
16. Peter _____ football in the afternoon when he got the call. (play)
17. "What _____ between 9 and 12 yesterday morning", the detective said. (you do)
18. He kept looking at her, wondering where he _____ her before. (see)
19. The doctor's waiting room was full of people. Some _____ a magazine, a woman _____ and a child _____ with a doll. Suddenly the door _____ and a nurse _____ out. (read, knit, play, open, come)
20. Travelling _____ much easier and more comfortable in the past _____ hundred years. (become)
21. I _____ cake. That's why my hands are full of flour. (bake)
22. When I first came to this house it _____ quite a noisy area. (be)
23. He twisted his ankle while he _____. (ski)
24. _____ the doors before you leave the house? (you ever lock)
25. My best friend and I _____ each other for 15 years. (know)
26. Jack usually _____ but he _____ when his _____ father comes. (smoke, not smoke)
27. _____ breakfast yet? – Yes I had it together with Sue at 7. (you have)
28. I _____ this kind of work when I was a small boy. (do)
29. He _____ the paper when his wife came home. (read)
30. He _____ for an hour now. I'll be finished soon. (speak)
31. How long _____ John and Maria? - We met the couple over _____ thirteen years ago. (you know)
32. He _____ in Oxford for two years and when his mother died he _____ moved to London. (live)
33. After Harry _____ his work he _____ Jude _____ from the office. (finish, call)
34. You _____ your homework for two hours. Haven't you finished _____ yet? (do)
35. He always _____ to the supermarket alone, but today he _____ his son with him. (go, take)
36. He never _____ in the evening, only on Sundays. (work)
37. I _____ to South America but I have been to New York several times. (never, be)
38. _____ Jean? – No, she probably went to her _____ friend's place. (anyone, see)
39. I _____ to the bank yesterday but when I got there it was closed. (go)
40. She _____ in school all day. (be)
41. Lee _____ late every day since Tuesday. (be)
42. Herbert's father _____ his son's birthday (never forget)
43. I _____ my report because I had a problem with my computer. (not finish)

4. Read the passage carefully:**The Road to Success**

1. The road to success is not straight; there is a curve called failure, a loop called confusion, speed bumps called friends, caution lights called family, and you will have flats called jobs. But, if you have a spare called determination, an engine called perseverance, insurance called faith, and a driver called God, you will make it to a place called success!
2. In spite of all our planning and preparation, unexpected challenges are certain to arise. The bumps in the road are unavoidable, but you'll never get to your destination if you aren't willing to drive over them. The difference between a disaster and triumph lies in whether or not you're prepared and willing to weather the storm. If you're ready, those bumps will become stepping-stones.
3. The key thing to realize is that working harder is same as working smarter. How do you work smarter? You just need to have the right skills. People want improved circumstances and better life without an improved self. They want victory without paying the price or making efforts. It really cannot happen without the other. Any improvements that have not been generated by improving yourself are superficial and short-lived. If you want to have a better future, you have to change yourself. Stop worrying about the various challenges that will come your way. Just believe in yourself and use them as stepping-stones.
4. "Success" is getting whatever you want out of life without violating the rights of others." It is not an accident. Success is the result of our attitude and our attitude is a choice. Hence success is a matter of choice and not chance.
5. Today success represents a holistic and positive attitude to life. Attitude is everything. Success is not restricted within some kind of brick and mortar premises. It assumes the individuality of a complete act executed with perfection; material achievements do not define life. We don't remember sports stars for the products they endorse but the spirit of achievement they represent. In the abundance of positive attitude underline the grandeur of a truly rewarding rich life.
6. Success can be measured from two standpoints----the external and the internal. Externally it is the measure of a job well done and recognition. Internally it is the feeling of achievement and wholeness derived from the completion of a task or fulfillment of desire.

I. On the basis of your reading of the passage, answer the following questions in 30-40 words.

- (i) What qualities lead one to the place called success?
- (ii) What is the difference between disaster and triumph?
- (iii) How can one have a better future?
- (iv) Describe two ways to measure success.

II. On the basis of your reading of the passage, answer the following

- (i) The synonym of 'victory' as given in paragraph 2 is _____
 (a) planning (b) preparation (c) triumph (d) challenges
- (ii) The synonym of 'surplus' as given in paragraph 5 is _____
- (iii) The antonym of 'defeat' as given in paragraph 6 is _____

(a) recognition (b) achievement (c) completion (d) Success

(iv) The antonym of 'deep' as given in Paragraph 3 is _____

5. While coming home from school, you were trying to cross the road at a busy traffic point. Suddenly, you observed an old man trying to cross the road. You felt sorry for him and helped him out. Pen down your feelings about the old man and his situation in your diary, in about 100-120 words.

6. Answer the following questions in 30 - 40 words :

- (i) How did Ron Forbes influence Evelyn to listen to music and then play the instrument?
- (ii) Why did Bismillah Khan refuse to start a sehnai school in USA?
- (iii) How were students taught in the future school?
- (iv) How would you compare a mechanical teacher to a human teacher?
- (v) What were the excuses that the child envisage that his parents would make for his demands?
- (vi) Did Kezia's father appreciate her gift? Why / Why not?

7. Answer the following questions in 100 - 120 words :

- (i) Kezia decides that "there are different kinds of fathers". What kind of father was Macdonald and how was he different from Kezia's father?
- (ii) What message do you get from the life of Evelyn Glennie?

8. Fill in the blanks with suitable Determiners :

1. Sachin Tendulkar is referred to as ____ Bradman of Indian cricket. (a / an / the)
2. He received ____ help from his teachers. (many/more/much)
3. I can depend upon ____ friends I have. (few/ a few/the few)
4. My brother is studying in ____ European university. (a/an/the)
5. ____ of my friends helped much me in my distress. (few/ a few/the few)
6. I don't want ____ coffee, thank you. (some / any)
7. ____ union leader will address the workers. (a/an/the)
8. He gave me ____ one rupee note. (a/an/the)
9. Can you lend me ____ books? (few/a few/the few)
10. He is ____ older than his wife. (many/more/much)
11. He will stay here for ____ while. (little/a little/the little)
12. ____ of the boys has done his work. (every/some/each)
13. I cannot give you ____ money. (any/some/a little)
14. Only ____ people came to watch the new film. (few/a few/the few)
15. ____ of the apples were rotten. (many/more/much)

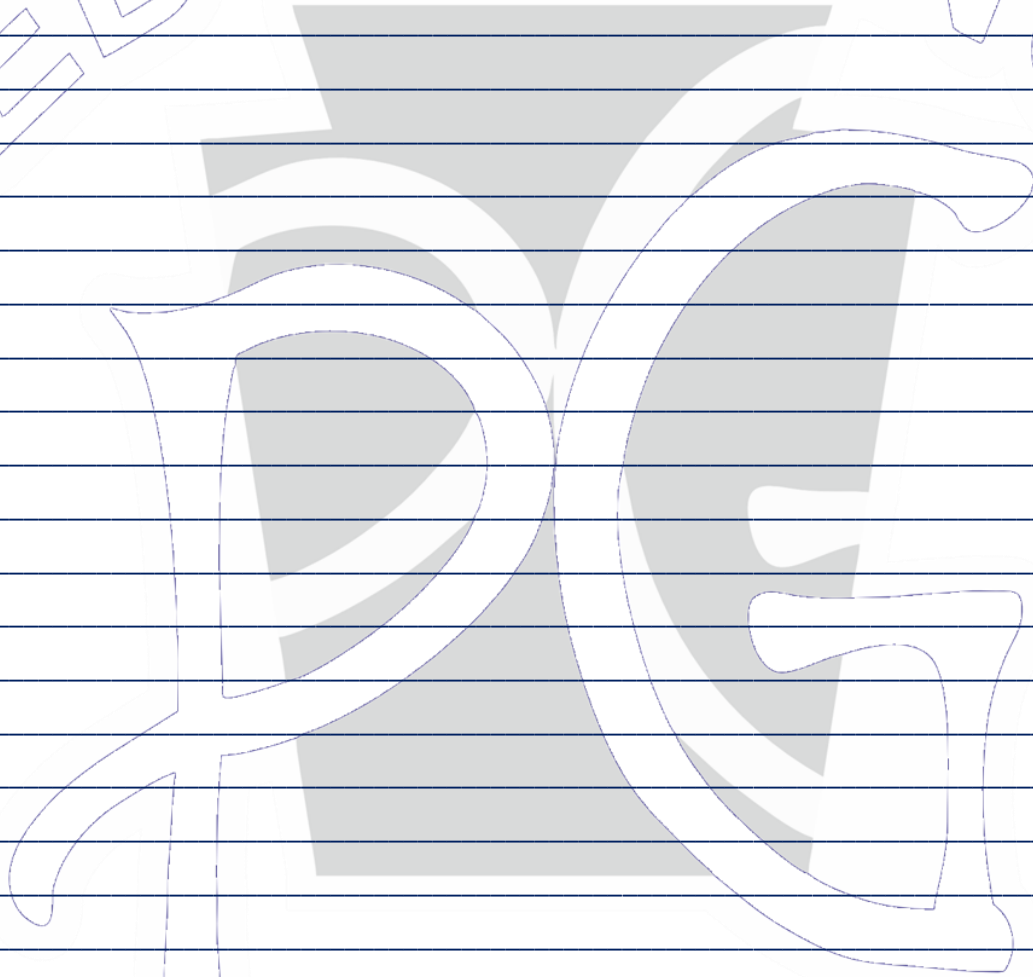
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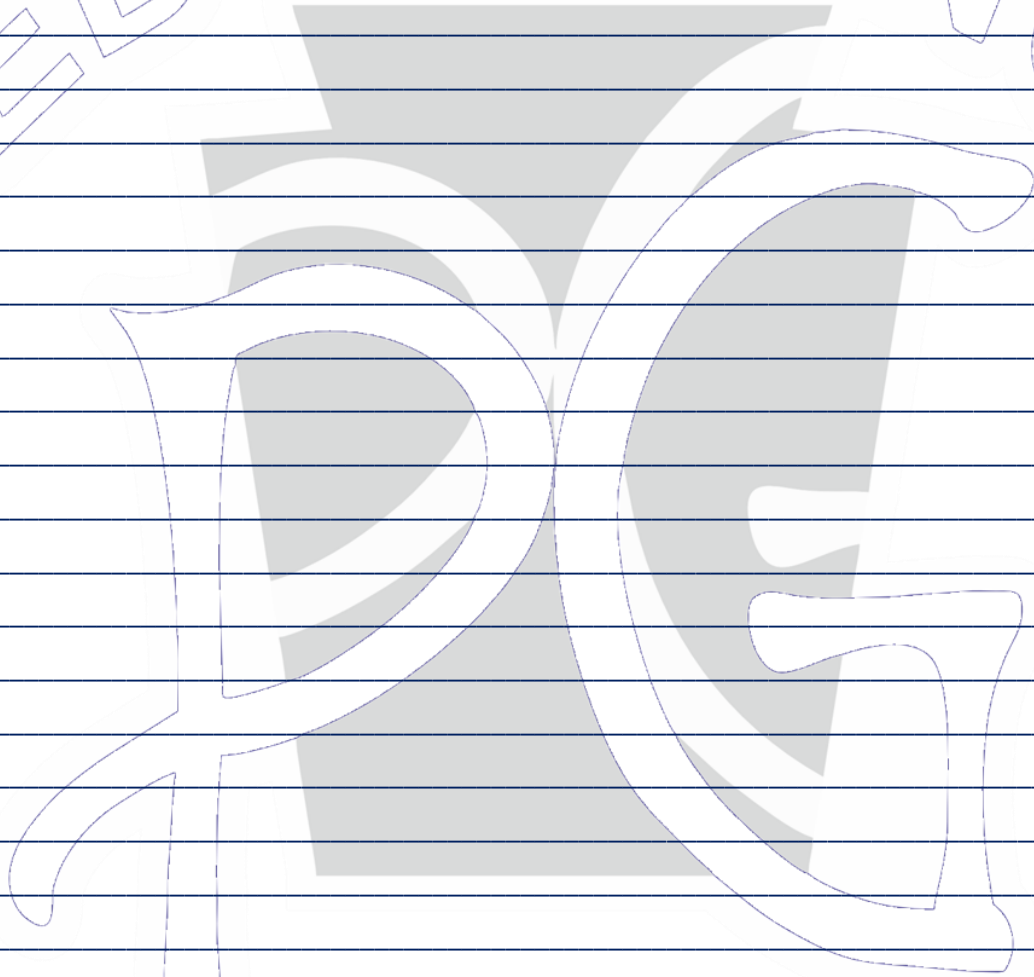
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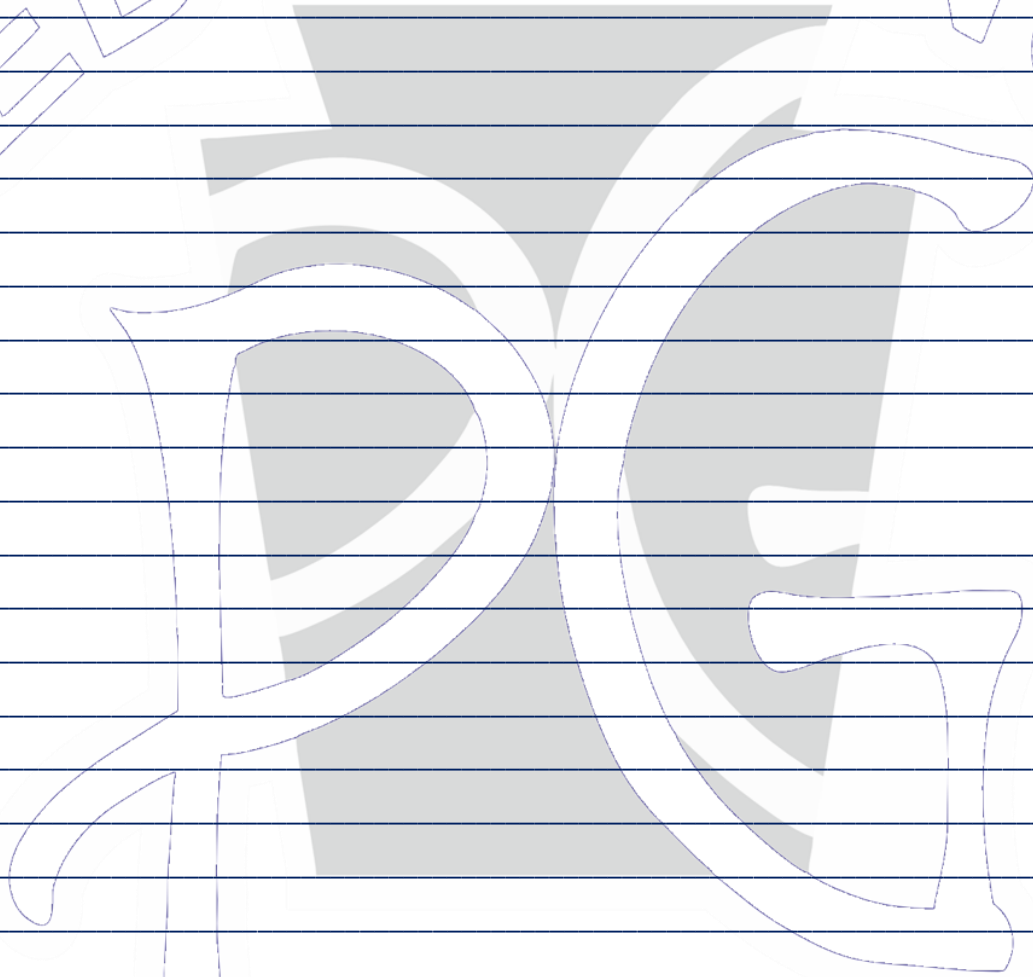
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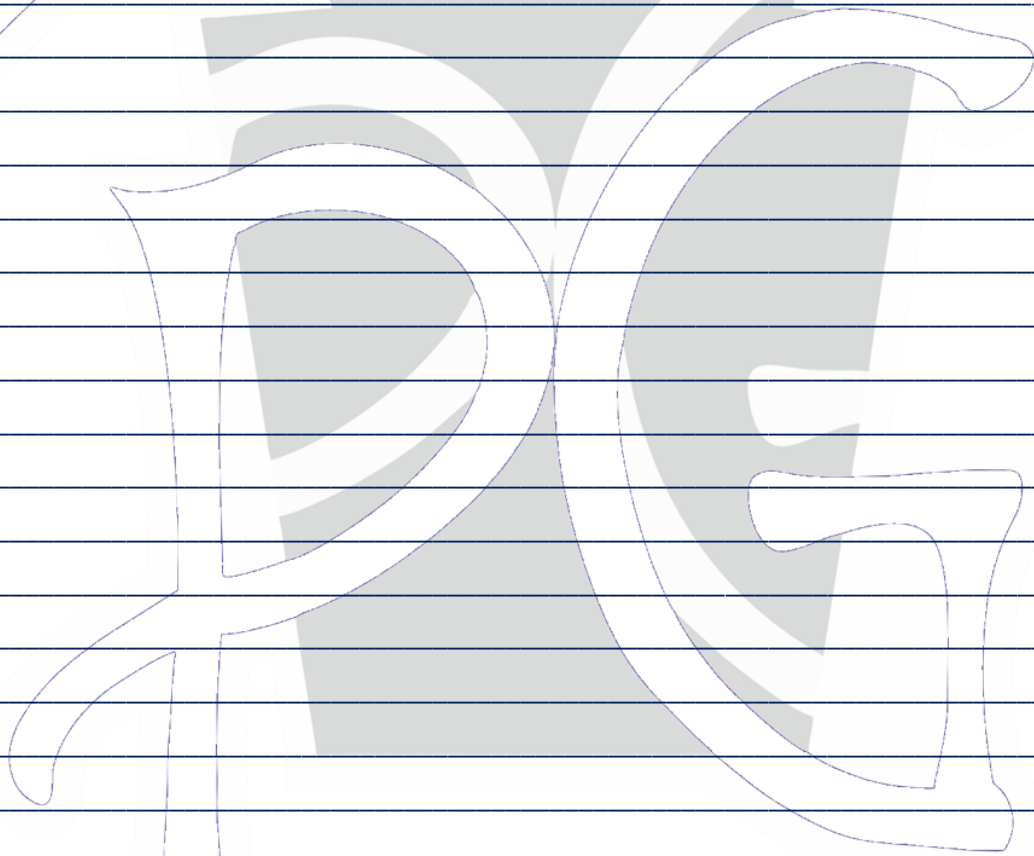
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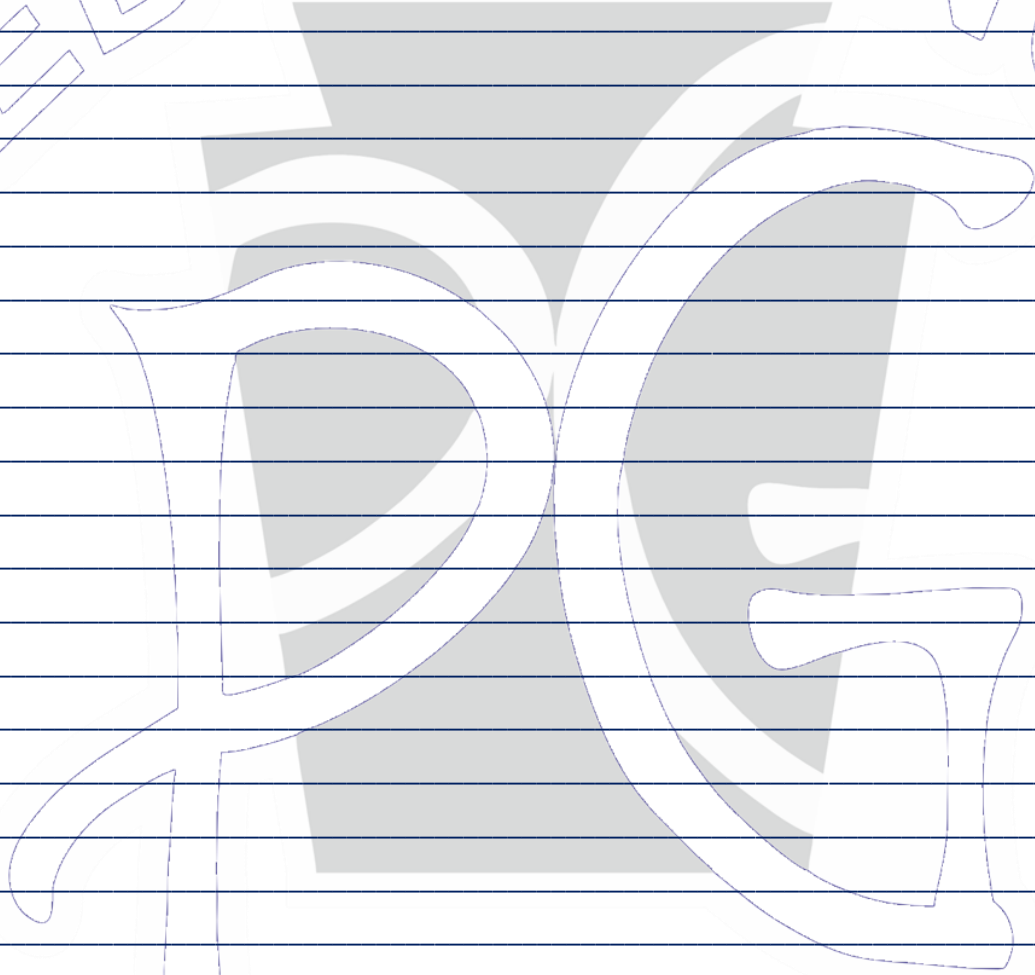
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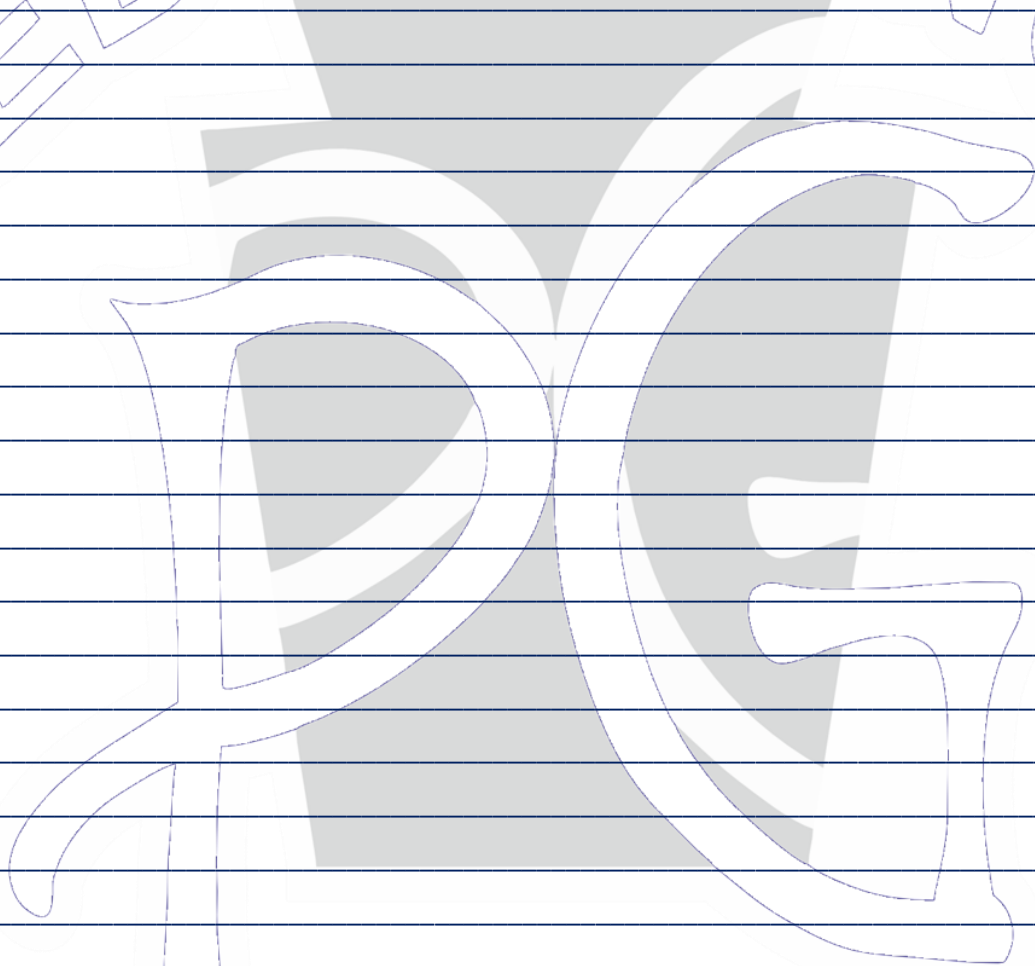
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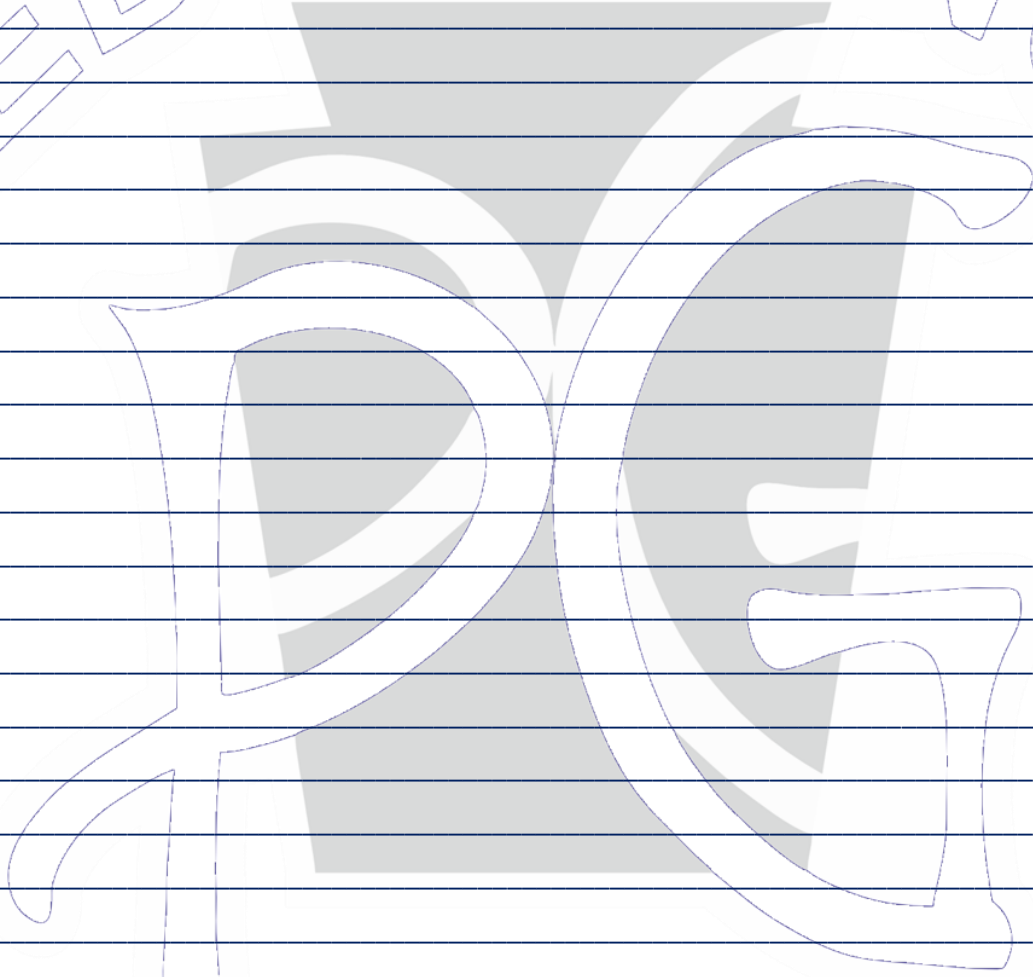
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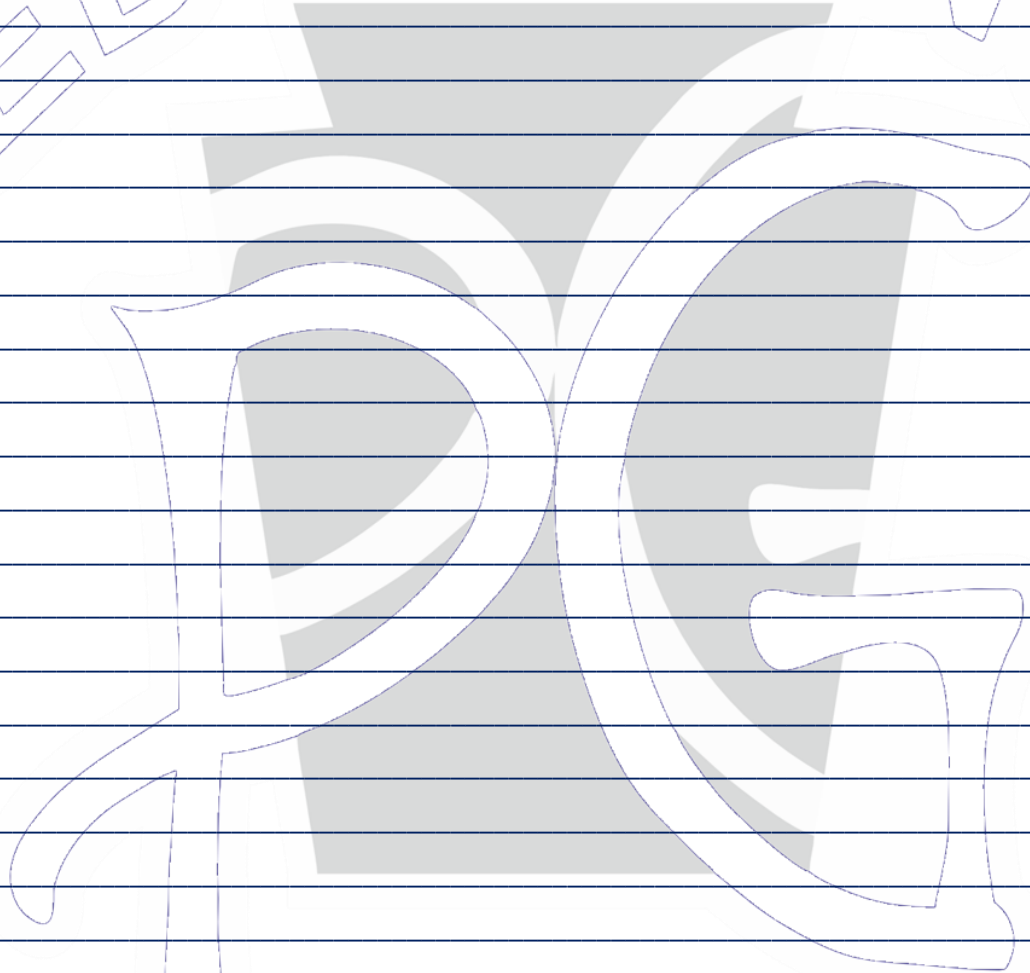
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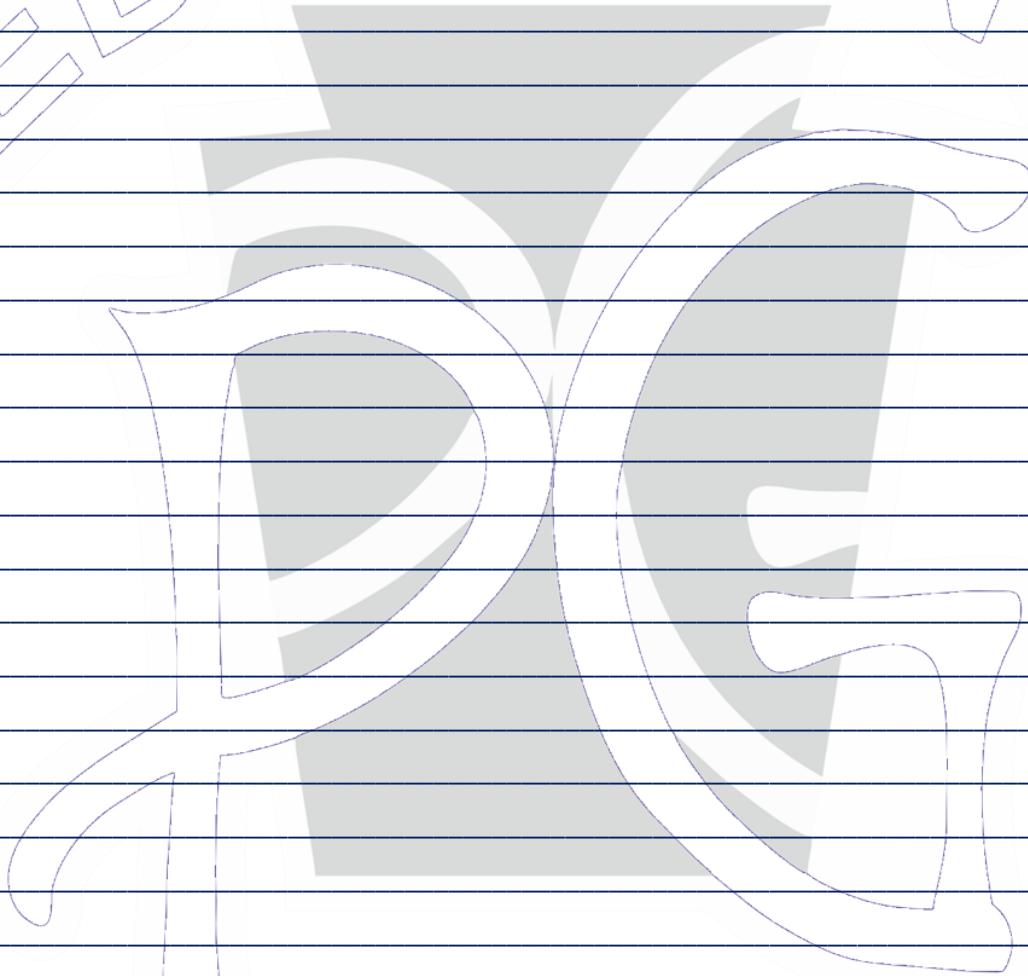
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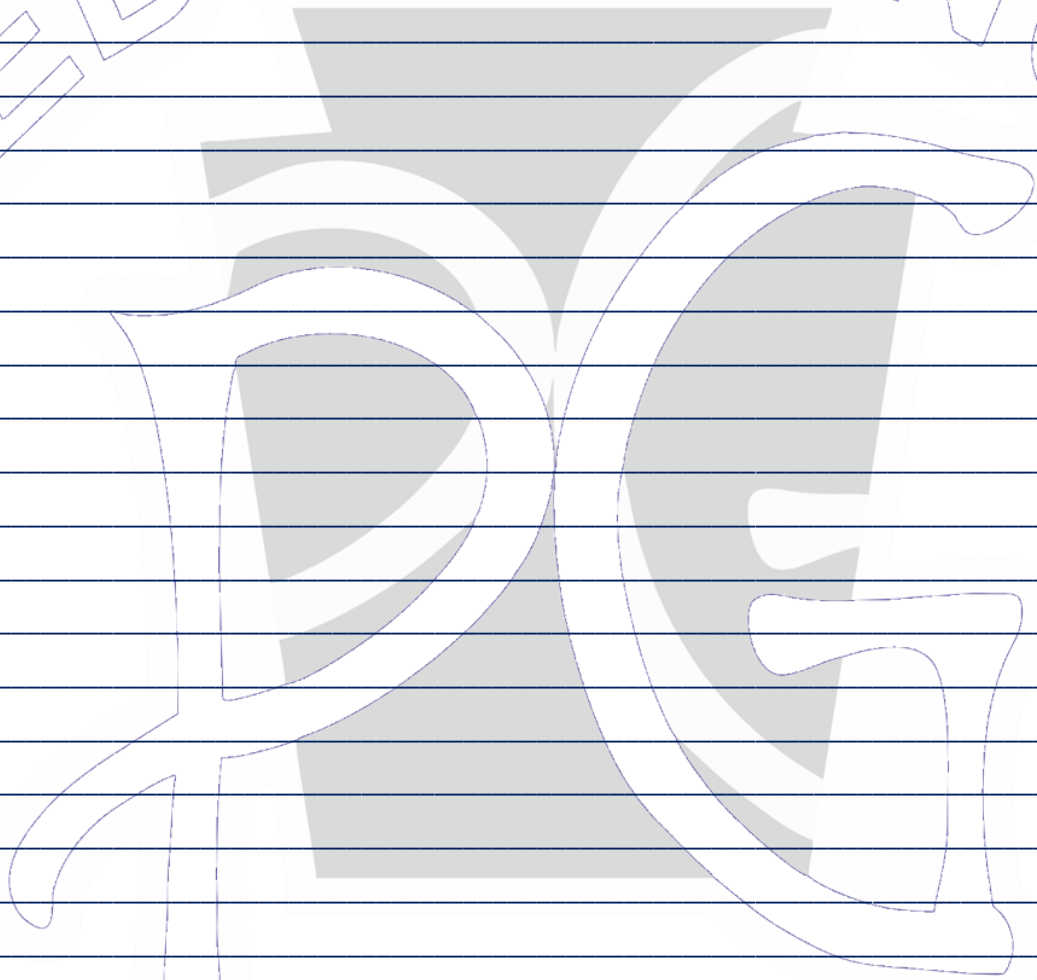
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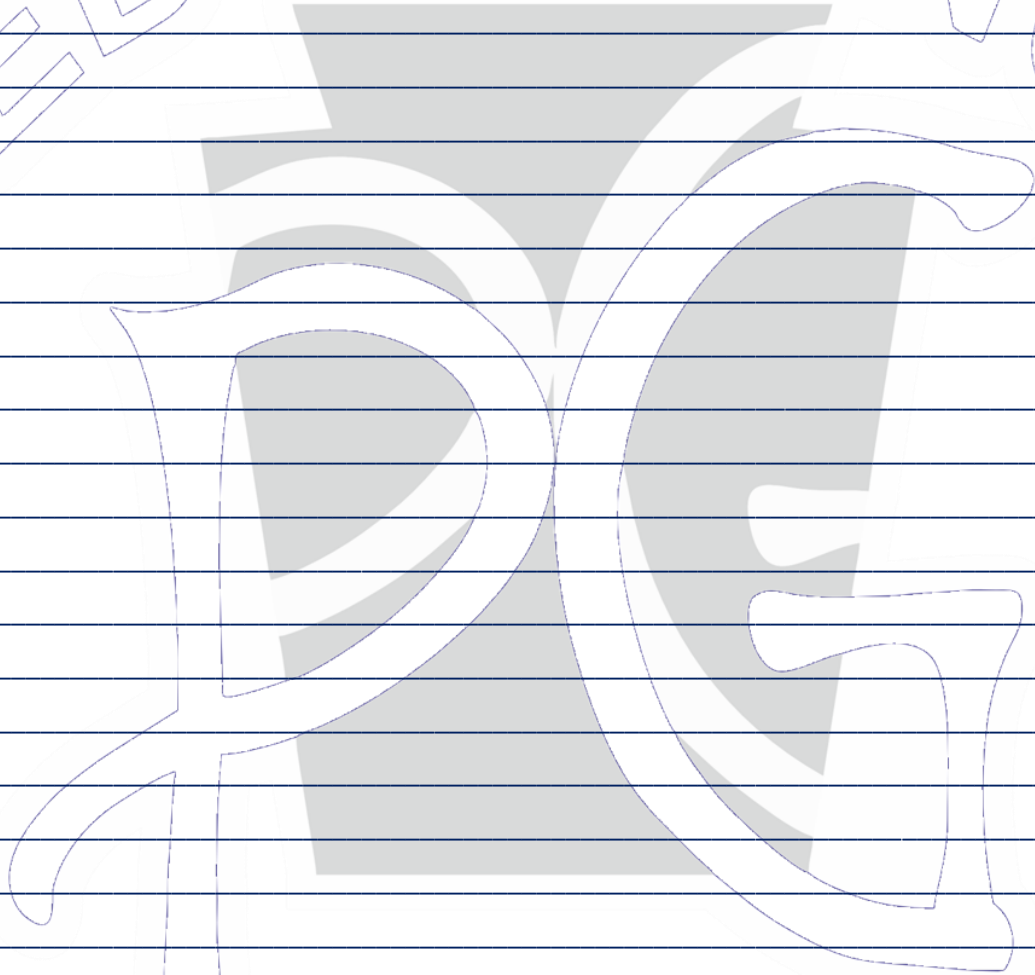
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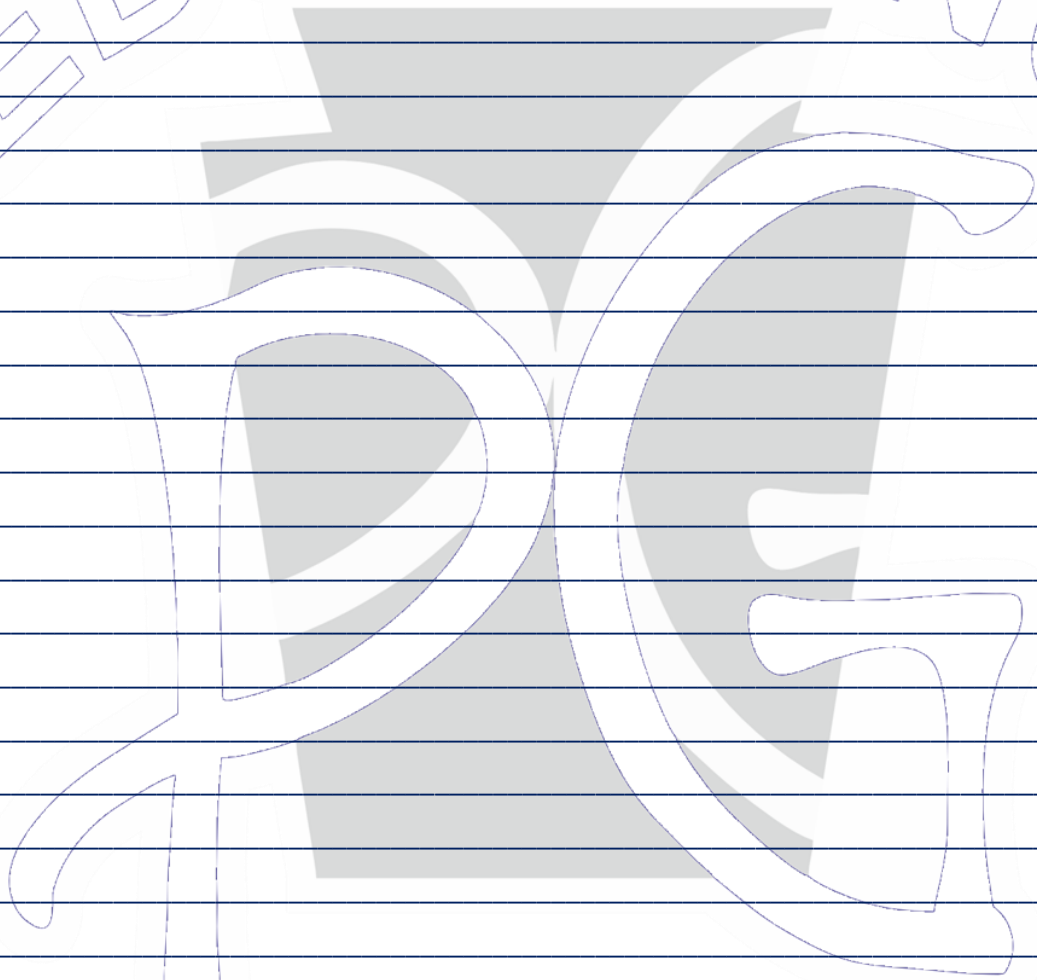
Subject – Science**PHYSICS**

- (1) A body covers one-third distance at speed v_1 km/hr, next one third at speed v_2 km/hr and last one third at speed v_3 km/hr, then find the average speed of the body for entire journey.
- (2) An object starting from rest travels 20m in first 2 s and 160m in next 4 s. What will be the velocity after 7 s from the start.
- (3) The velocity-time graph shows the motion of a cyclist. Find
- its acceleration
 - its velocity and
 - the distance covered by the cyclist in 15 seconds.
- (4) Define motion. What do you understand by the terms 'uniform motion' and 'non-uniform motion'? Explain with examples.
- Define speed. What is the SI unit of speed?
 - What is meant by (i) average speed, and (ii) uniform speed?
- (5) (a) What is meant by the term 'acceleration'? State the SI unit of acceleration.
- (b) Define the term 'uniform acceleration'. Give one example of a uniformly accelerated motion.
- (6) A train travels the first 15 km at a uniform speed of 30 km/h, the next 75 km at a uniform speed of 50 km/h and the last 10 km at a uniform speed of 20 km/h. Calculate the average speed for the entire train journey.
- (7) A farmer moves along the boundary of a square field of side 10m in 40 s. What will be the magnitude of displacement of the farmer at the end of 2 minutes 20 seconds from his initial position?
- (8) A farmer moves along the boundary of a square field of side 10m in 40 s. What will be the magnitude of displacement of the farmer at the end of 2 minutes 20 seconds from his initial position?
- (9) Using following data, draw time – displacement graph for a moving object:-
Use this graph to find average velocity for first 4 s, for next 4 s and for last 6 s.
- (10) A car starts from rest and moves along the x-axis with constant acceleration 5 m s^{-2} for 8 seconds. If it then continues with constant velocity, what distance will the car cover in 12 seconds since it started from the rest?

CHEMISTRY

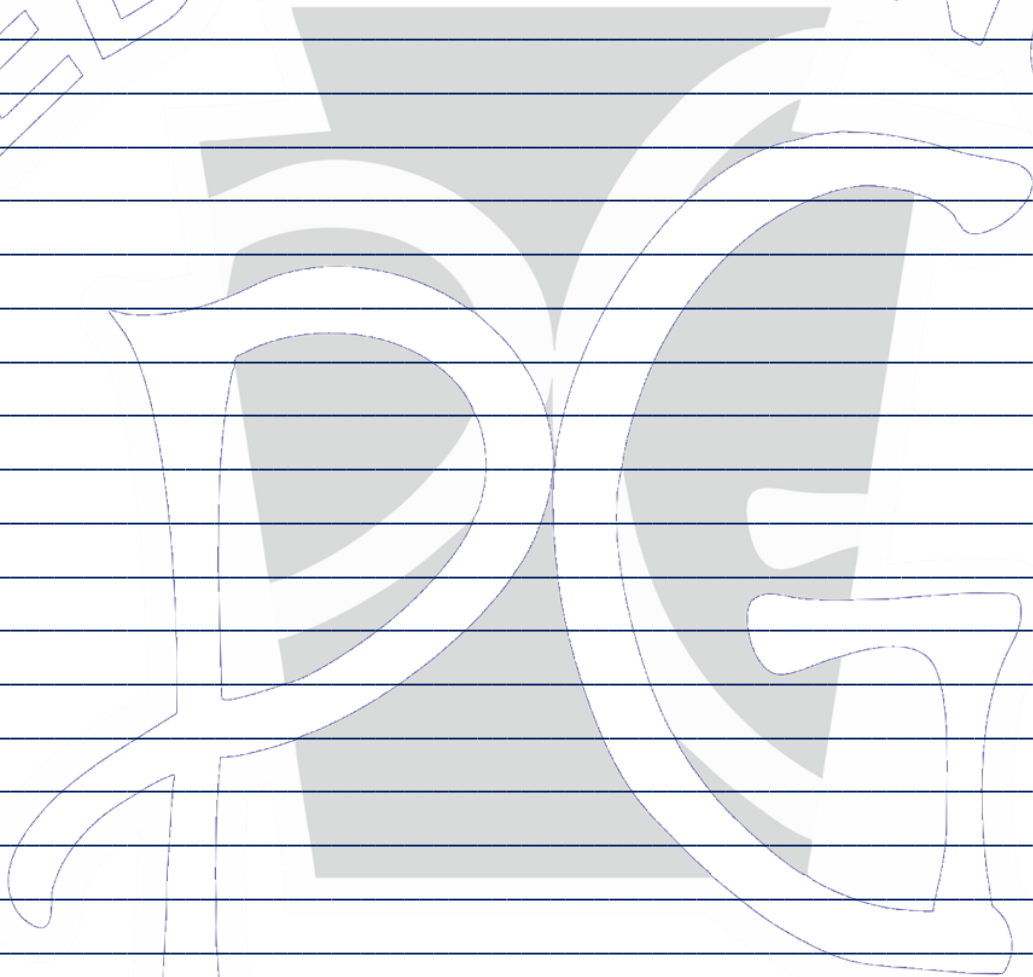
- Define diffusion.
- Why does temperature remain constant during state transformation?
- Ice floats on water has served to be a boon for our environment. Justify.
- Sponge though compressible is called a solid. Why?
- What is the difference between vaporisation and evaporation?
- What are the values latent heat of fusion and latent heat of vaporisation of ice and water?
- Convert 100°C to Kelvin and 100 Kelvin to $^\circ\text{C}$.
- What is freezing mixture? What are its constituents?
- How is the purity of a substance checked?

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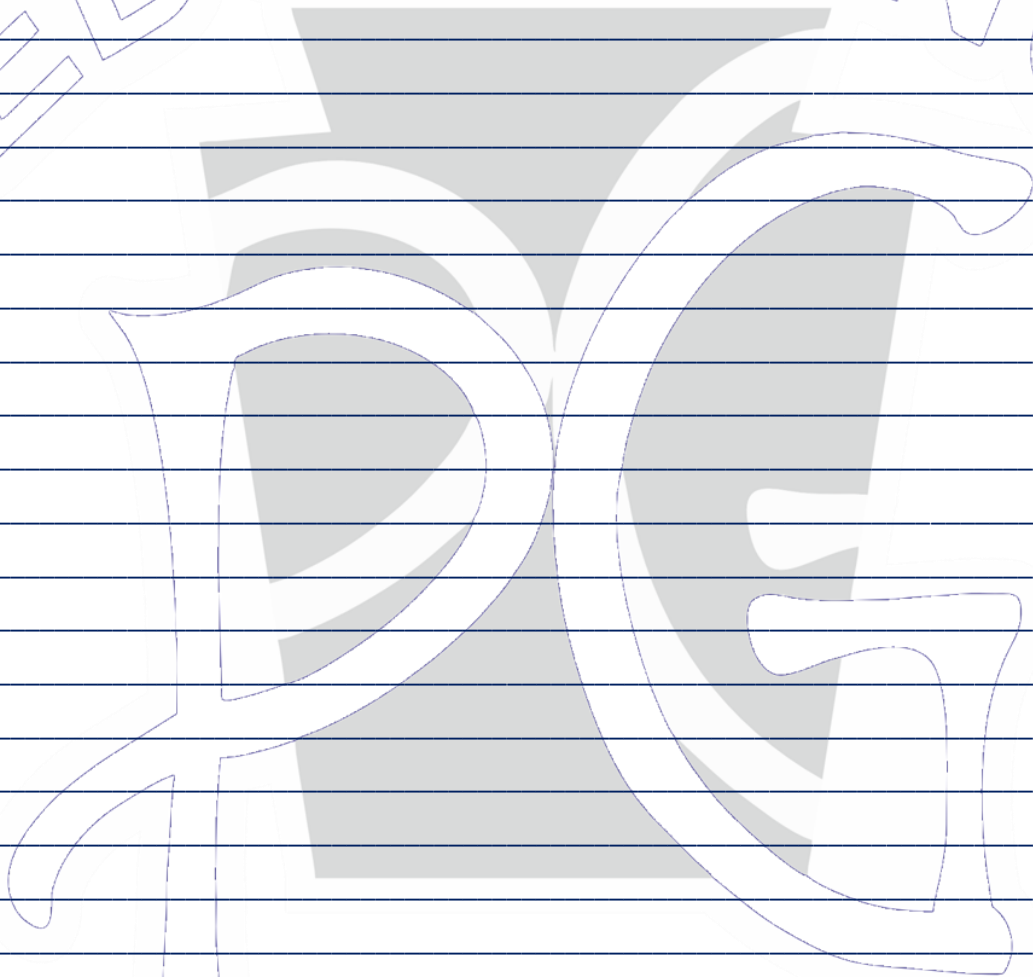
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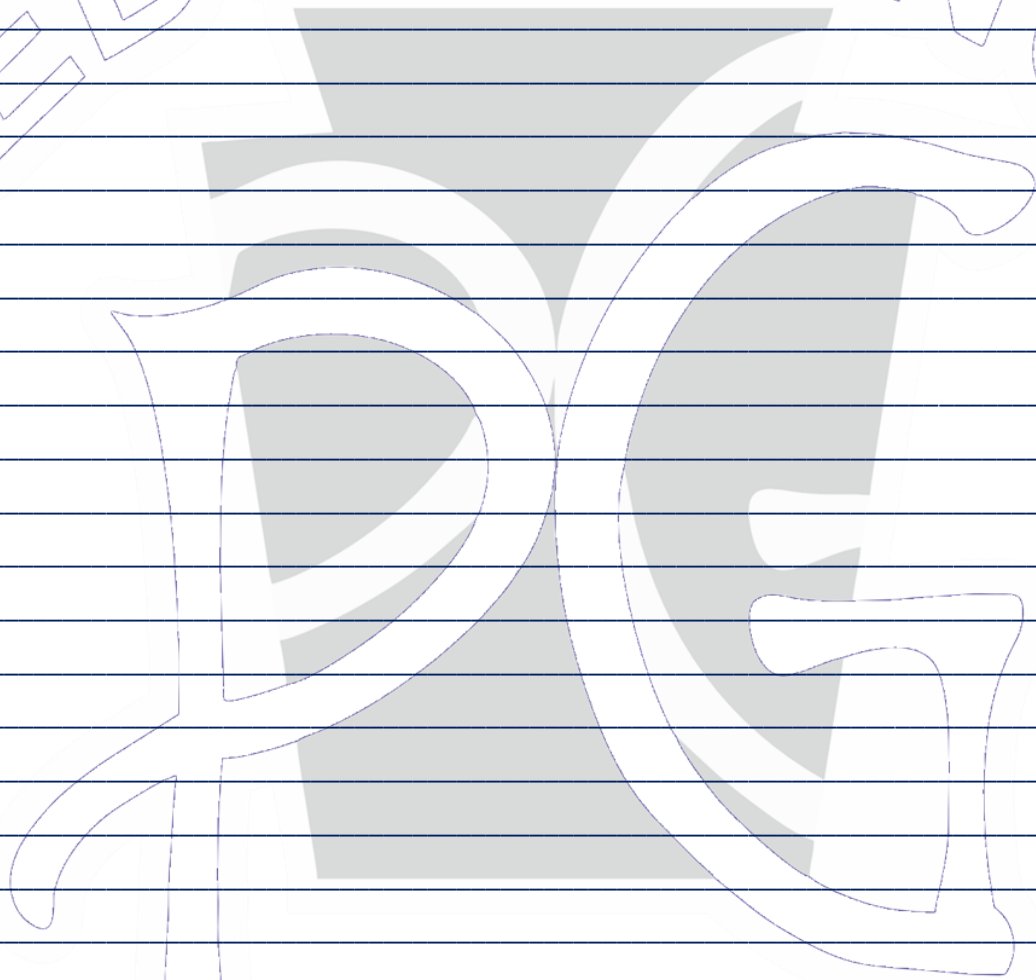
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Subject – Social Science

HISTORY /POLITICAL SCIENCE

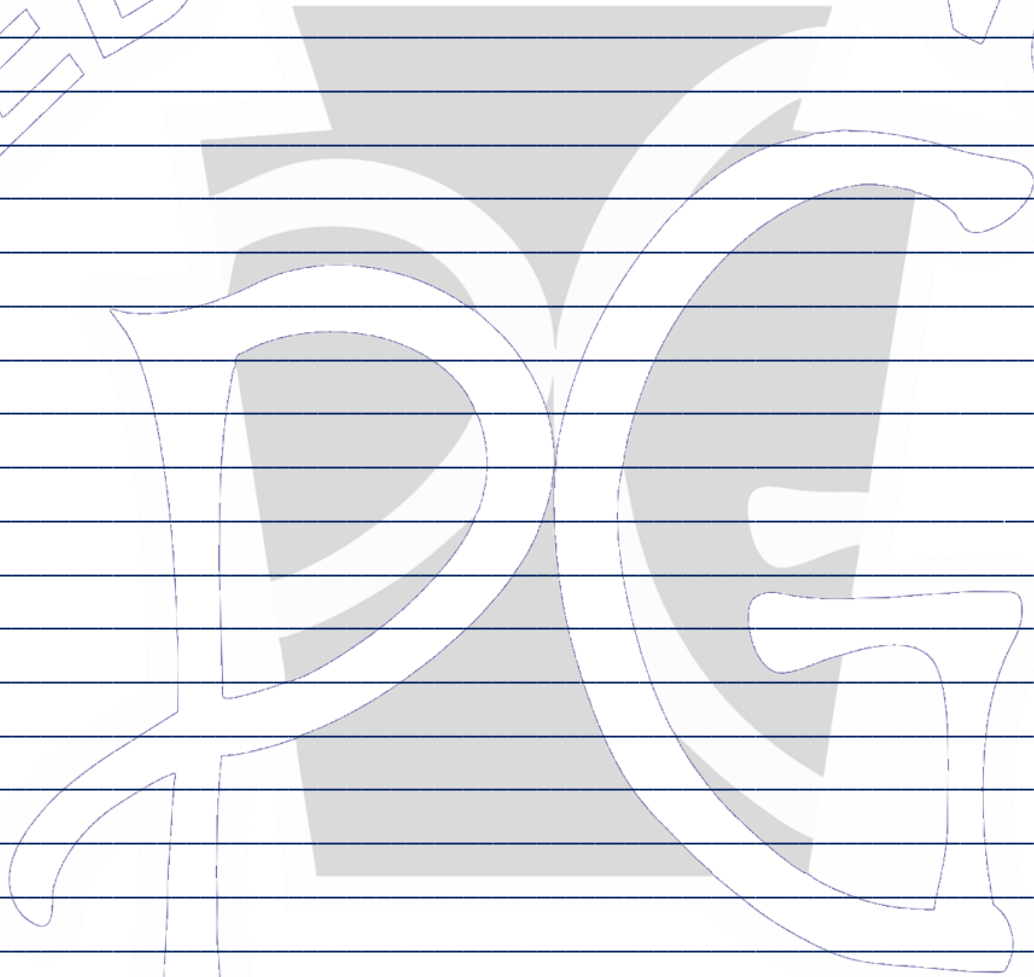
1. What is referendum?
2. Explain the significance of India's eminent position in the Indian ocean.
3. "India has a long coastline which is advantageous". Explain.
4. How elections in India are different from Mexico ?
- 5 Why was every election won by the party called PRI in China? Explain any three reason,
6. Define the meaning and aim of Production.
7. Explain any two differences between Physical capital and the human Capital.
8. Mention three merits and three demerits of democracy.
9. Why is a democratic government a better form of government? Explain.
10. How does democracy in a country enhance the dignity of an individual? Explain.
11. What steps were taken by General Pervez Musharraf in Pakistan to empower/enhance himself?
12. Explain any five arguments against democracy.
13. How can we say that China is not a democratic country despite holding elections regularly after every five years, for electing the country's parliament?

GEOGRAPHY

1. Which Union Territory of India has the least area?
 2. Which is the largest mountain range of the Himachal or Lesser Himalayas?
 3. What are the main contributions of land routes to India in ancient times? Explain.
 4. Latitudinal and longitudinal extent of India is about 30 degree. Then why is the North-South extent bigger than East-West extent?
 5. Name any three divisions of the Himalayas based on regions from West to East and write on main feature of each,
 6. Which part of India is called Purvanchal? Give any two of its features.
 7. On the political map of India ten geographical features A,B,C,D,E,F,G,H,I and J are marked. Identify these features with help of the map key and write their correct names on the line marked against each of it in the map.
- | | | | |
|---------------------------|---------------------------|---------------------------|---------------------------|
| A. A Country | B. Water Body | C. Capital of Odisha | D. A State |
| E. Capital of India | F. A Pass | G. Most Southern Latitude | H. Most Northern Latitude |
| I. Most Eastern Longitude | J. Most Western Longitude | | |

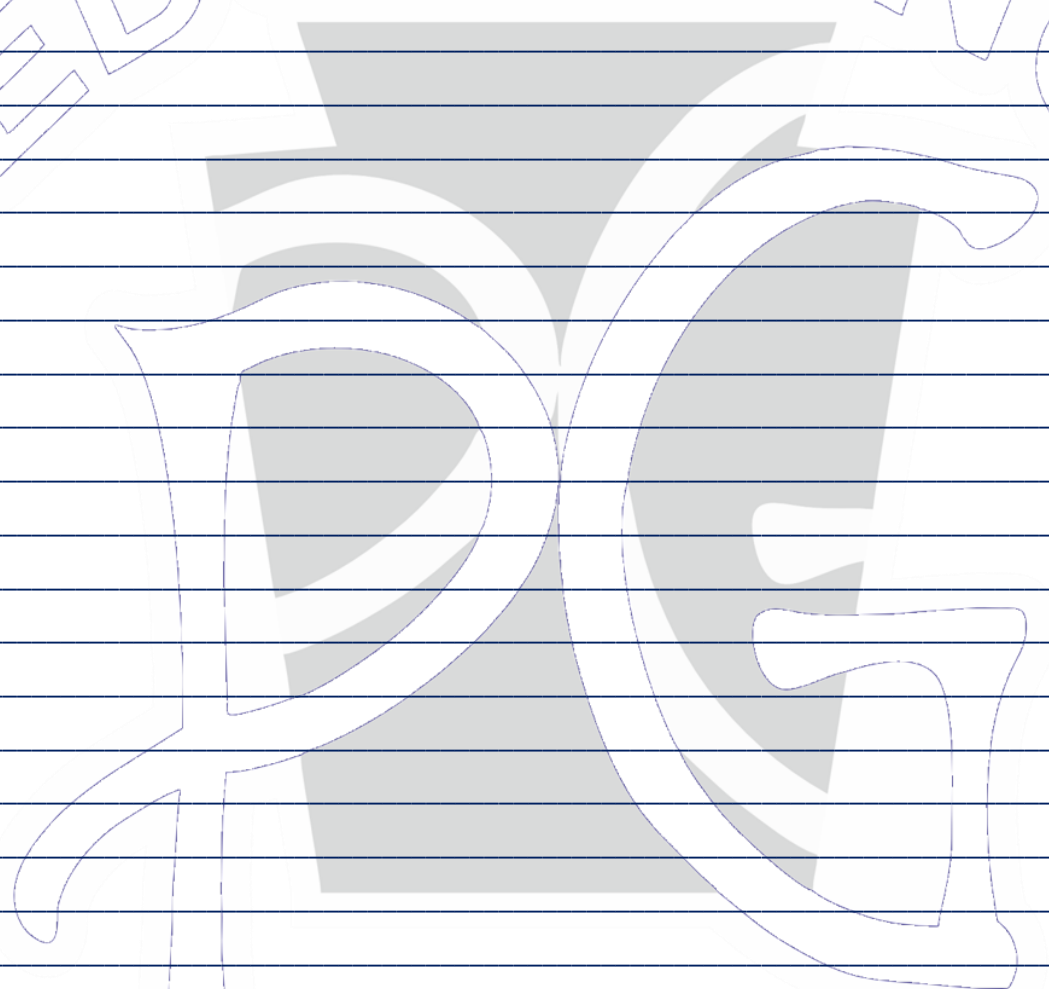
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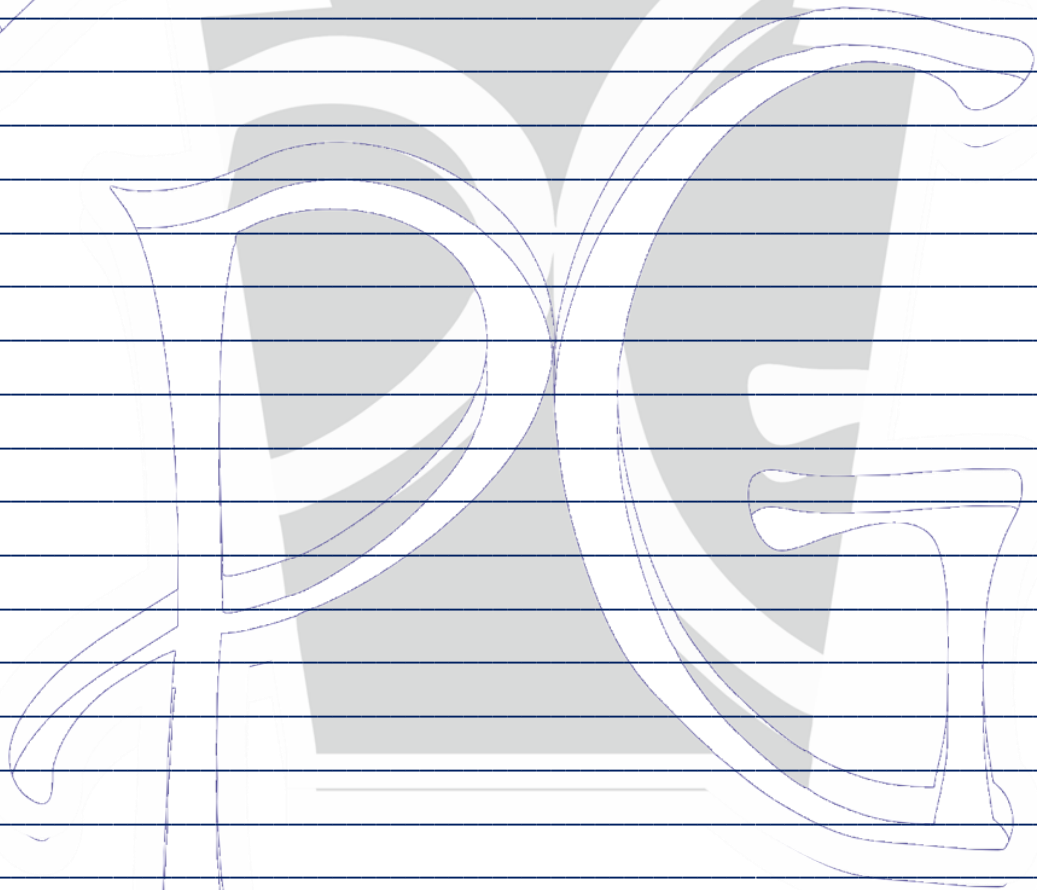
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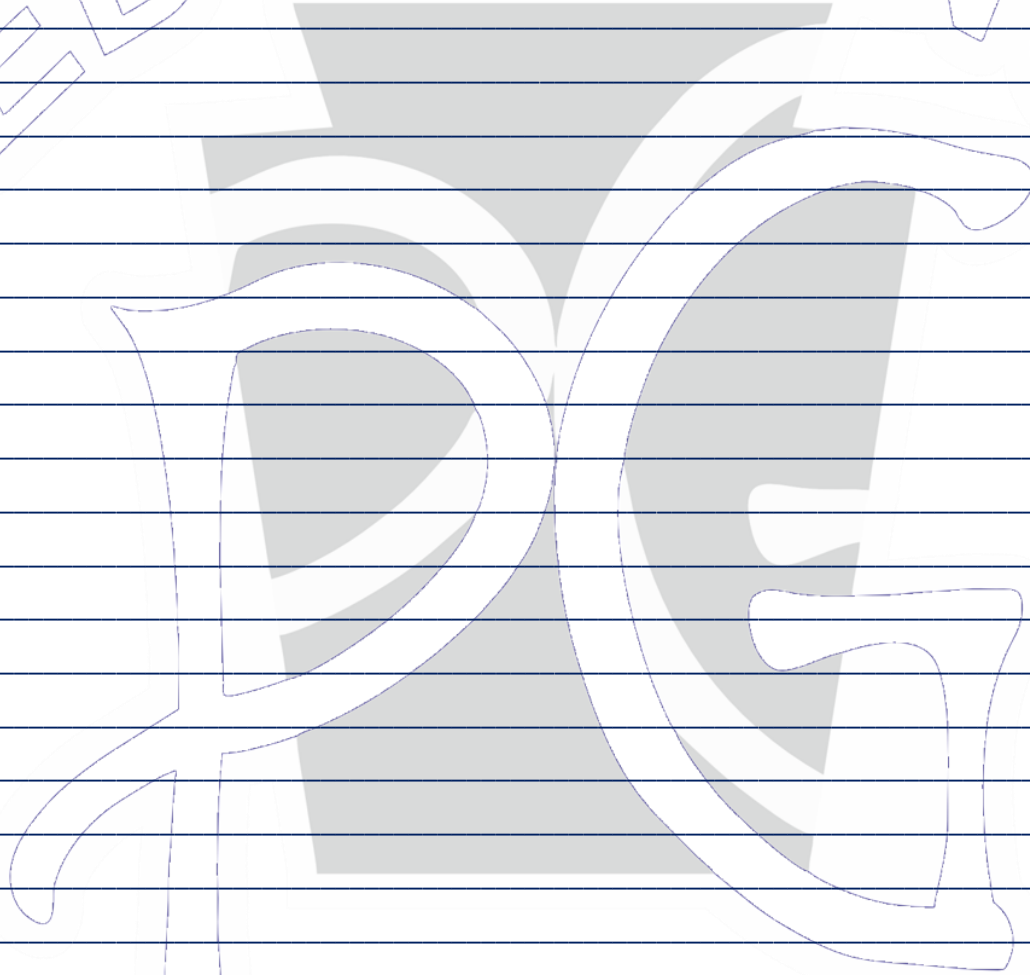
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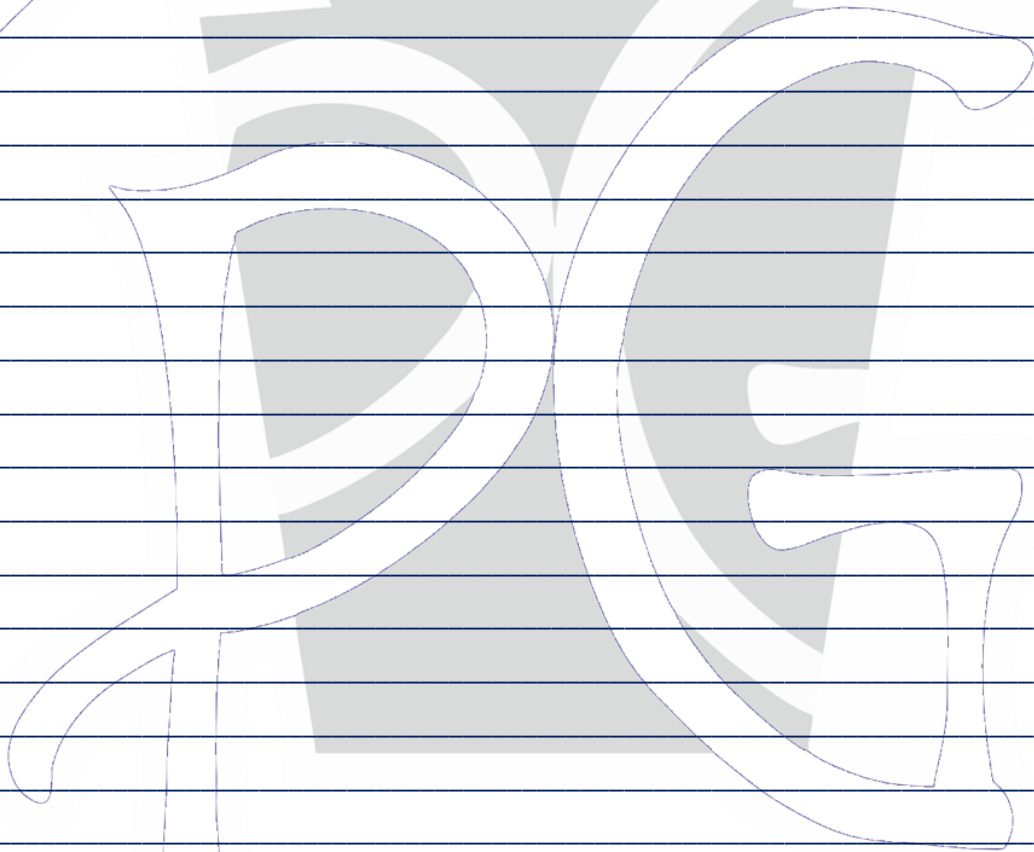
Subject – Computer Application (165)

1. Write the HTML tag in note pad application for creating School Web Site Home Page on given points.
 - a. About the school (School Infrastructure, Labs, Rooms, Smart Class, etc)
 - b. About the best academic staff
 - c. About your school result
 - d. About discipline and manner

Write From Here

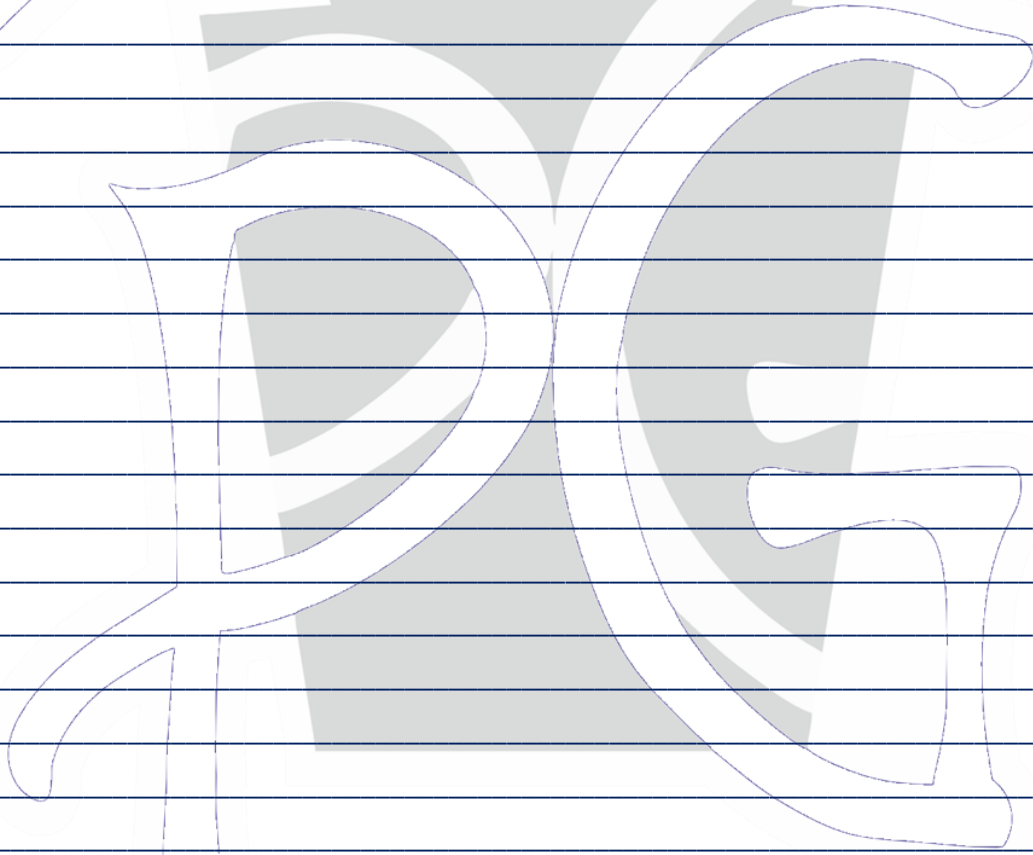
Lined writing area for the student's response.

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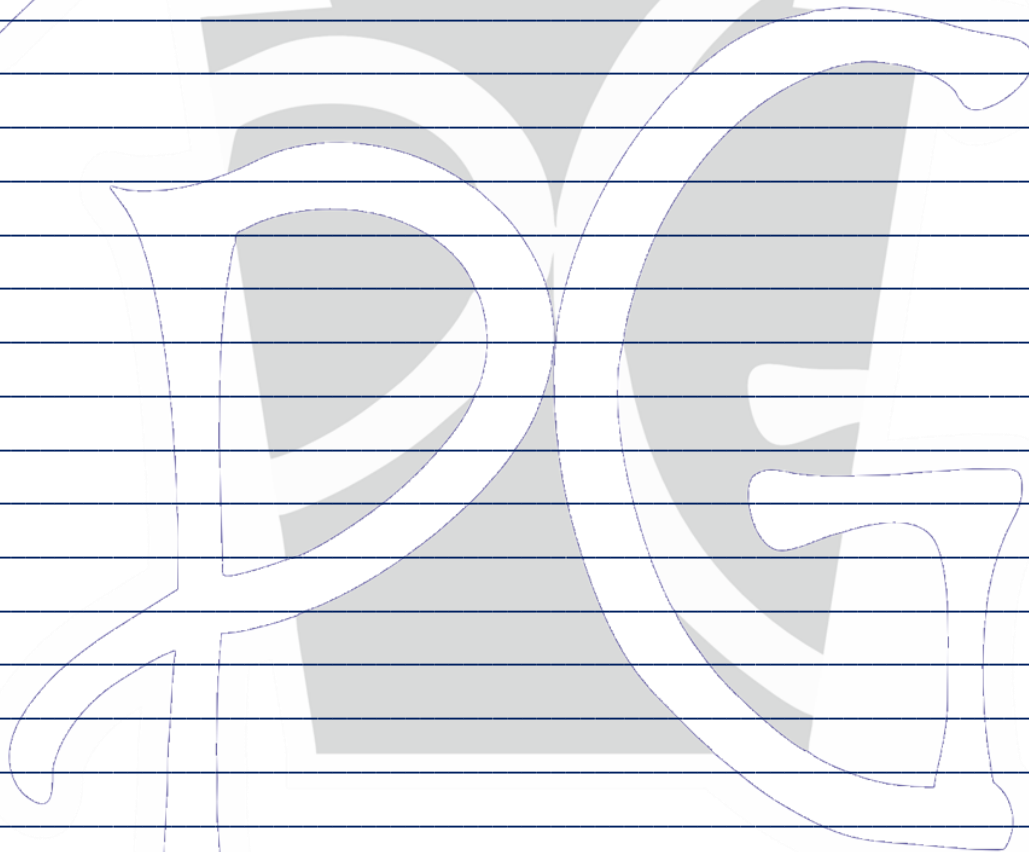
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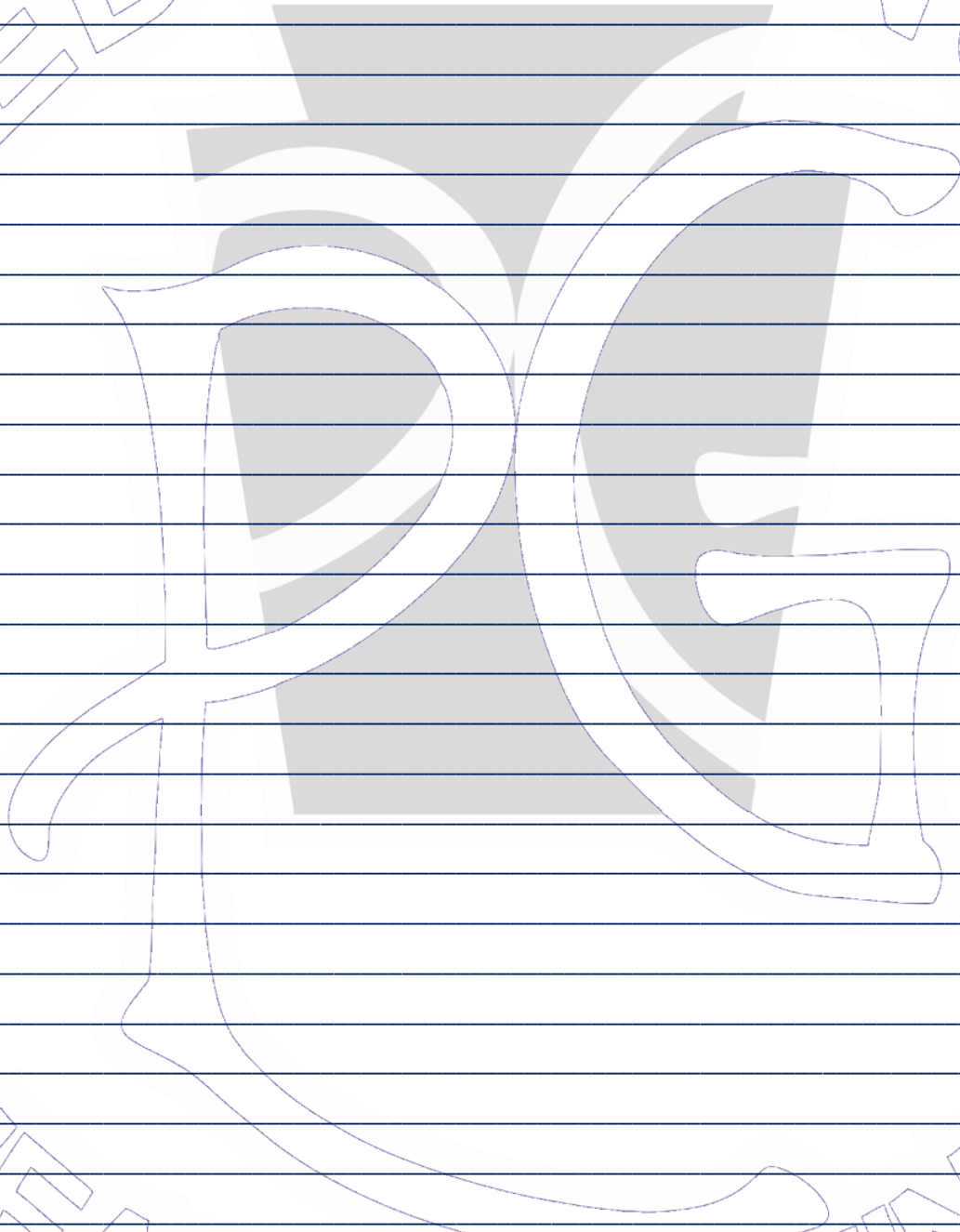
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Smart Activity

- ❖ Plant a tree. Click a photograph with it and share the same in your class group. 1 to 12
- ❖ Write the names of all the teaching staff of your school (P. G. Senior Secondary School)
- ❖ Write the process of making a perfect cup of tea.
- ❖ Write a paragraph on your daily routine and submit it in your class group every day between 8pm to 10 pm.

Write From Here

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HEART AND MIND



P. G. SENIOR SECONDARY SCHOOL

Affiliation No.: 2131500

Affiliated to CBSE, (10+2) New Delhi, Bharat

School Code: 70839



NIDHI SINGH
Qualified IIT MAINS
& ADVANCE 2021
(Campus-IIT, Guwahati)



HOW Nidhi's Biggest Dream of Life came true

Know from the TOPPER herself !

I am Nidhi Singh, I got admission in PG Senior Secondary School in class 6th and studied there till class 12th. It has been an amazing experience of my life where the school not only focuses on academics but also on overall development of a student. The teachers here are very helpful and supportive. Moreover, I would like to thank every teacher of this family who helped me to develop my overall personality by correcting my mistakes.

Nidhi Singh

For Admission Enquiry -  +91-9918035063

Address: D.C.F. Chowk, Captainganj-Kushinagar