THE S D VIDYA SCHOOL, NOIDA
SUMMER HOLIDAY HOMEWORK (2024-25)
CLASS – XII B

Dear students,

"Self-belief and hard work will always earn you success."

Holidays provide a much-needed respite from the daily routine and academic pressure. It allows you to unwind, spend quality time with family and friends, and engage in activities you love. Balancing holidays and studies is a crucial aspect of a student's life. While they are meant for relaxation and enjoyment, it is equally important to maintain a certain level of focus on studies during these breaks. By setting realistic goals and creating a conducive study environment, you can effectively utilize holidays to consolidate knowledge, enhance skills, and stay academically on track. Moreover, incorporating breaks and leisure activities into your study routine can help to maintain focus, reduce stress, and make study sessions more productive. Ultimately, by finding the right balance between holidays and studies you can enjoy the break while also making progress in your academic journey.

KEEP IN MIND TO:

- Pray to the Almighty daily and thank Him for the blissful life that you enjoy.
- Give prime importance to your health.
- Set and maintain a routine at home. Be a good time manager.
- Practice positive thinking and be grateful for what we have.
- Relax, listen to music, or read books.
- Be a helping hand to your parents and learn the skill of shared responsibility.

MOST IMPORTANT:

- Make sure that all the syllabus done by May is revised thoroughly.
- Complete the assignments.

REMEMBER:

"THE FUTURE BELONGS TO THE COMPETENT. GET GOOD, GET BETTER, BE THE BEST!"

Wishing all the students a joyful learning and happy holidays.

ENGLISH

PROJECT-
TITLE: **CRITICAL APPRECIATION-MY MOTHER AT SIXTY SIX**
(BY KAMALA DAS)

Make a Project File defining and illustrating the critical
appreciation of the poem 'My Mother at Sixty six' by 'Kamala
Das' (Flamingo). The project must include the following in the
same sequence-

1.Title of the project
2.Certificate
3.Acknowledgement
4.Index
5.Introduction to the topic
6.Analysis on the poem's theme/s and literary devices
7.Summary of the poem
8.A short interview of your mother (also paste/sketch a picture
of yours with your mother) asking her questions regarding the
days gone by for e.g. her childhood years, her school/college
days, her friends and time spent with them, fond memories
with her parents, her thoughts on time moving fast, her
childhood and present fears, the way she handles her sorrows
etc. (Frame proper questions with the given examples). You
may include any other relevant questions.
9.Conclusion and reflection on the significance of the poem
10.Bibliography/References

Note:
   ❖ You may display your creative vigour.
   ❖ Cover the file with a black sheet.
   ❖ The file's cover must have the title of the project written on it.
   ❖ You may use a file of your choice with A4 size sheets.
   ❖ The first page of the file must have the name, class, section, roll
     number of the student along with the title.

ASSIGNMENT–
(CREATIVE WRITING SKILLS)

(To be done in the Writing Skills Register)

1.You are Anand Bakshi, a social worker. You want to
organise a cleanliness campaign in your locality. Write a notice
in not more than 50 words to be displayed at suitable places in
the locality inviting the citizens to participate in the campaign.
Give details.

2. You are the Student Head, Cultural Affairs, at M.K. Sr. Sec. School. Your school is organising a 2-day Yoga camp over the weekend, for parents of the school students. Draft a card invitation, inviting the school parents for this Yoga camp. Share information about the camp organisers and include other necessary details.

3. You are Varun/Veena of 23, Ramesh Nagar, New Delhi. You want to invite your friends for a party to celebrate your brother's/sister's good board result and admission to a prestigious college. Draft an invitation with the necessary details.

ACCOUNTANCY

General Instructions:
   a) Holidays home work has been divided into two parts. Part A
      contains Project and Part B contains Assignments.
   b) Assignments need to be done in class Notebook.

Part A (Project)
Students are supposed to make a Project File containing one specific project based on financial statement analysis of a company covering any two aspects from the following:
         1. Comparative and common size financial statements
         2. Accounting Ratios
         3. Segment Reports
         4. Cash Flow Statements
Prepare Project as prescribed by CBSE.

Guidelines for preparation of project
   a) The project should be handwritten.
   b) Only coloured sheets to be used (no designer sheets).
   c) Cover page to be on hold.

Part B (Assignment)

1. How will you calculate interest on drawings if a partner withdrew equal amount at the beginning of every month?

2. Write any two items appearing on the credit side of partner's fixed capital account.

3. Distinguish between fixed capital and fluctuating capital account.

4. L and M are partners without any partnership deed. M wants that interest on Capital be provided @ 8% p.a. What should be done?

5. What is the maximum number of partners that a partnership firm can have? Name the Act which provides for the maximum number of partners in a partnership firm.

6. Abha and Bharat were partners. They shared profits and losses equally.On 1st April, 2014, their capital accounts showed balances of Rs. 3,00,000 and 2,00,000 respectively. Calculate the amount of profit to be distributed between the partners if the partnership deed provided for Interest On Capital @ 10% p.a. and the firm earned a profit of Rs. 50,000 for the year ended 31st March, 2015.

7. Nusrat and Sonu were partners in a firm sharing profits in the ratio of 3:2. During the year ended 31st March, 2015, Nusrat had withdrawn Rs. 15,000. Interest on her drawings amounted to Rs. 300.

Pass necessary Journal entry for charging interest on Drawings assuming that the capitals are fixed.

8. Tom ad Harry were partners in a firm sharing profits in the ratio of 5:3. During the year ended 31st March, 2015 Tom withdrew Rs. 40,000. Interest on his drawings amounted to Rs. 2,000.

   Pass necessary journal entry for charging Interest on Drawings assuming that the capitals were fluctuating.

9. Anna and Bobby were partners sharing profits and losses in the ratio of 5:3. On 1st April, 2014, their capital Accounts showed balances of Rs.3,00,000 and Rs. 2,00,000 respectively. Calculate the amount of profit to be distributed between the partners if the Partnership Deed provided for Interest on Capital @ 10% p.a. and the firm earned a net profit of Rs. 45,000 for the year ended 31st March, 2015.

10. A & B started business on 1st January 2002 with capitals of Rs.50,000 each. A introduced additional capital of Rs.25,000 on 31st March and B introduced same amount on 1st July. Calculate interest @6% p.a. to be credited to their capital accounts on 31st December 2002.

11. On 1st January 2003, the capital accounts of A & B showed a balance of Rs.38,000 each after withdrawing Rs.1,000 p.m. each for the whole year of 2002. A made his withdrawal on the first of each month and B made his withdrawal at the last date of each month. Profit for the year 2002 is estimated as Rs.25,280. Profit is to be distributed equally after allowing interest on capital @6% p.a. on the net monthly balance. Prepare P&L appropriation account.

12. A, B and C sharing profits and losses equally withdrew @ Rs.2,000 per month during the year 2002. A made his drawings at the beginning of each month, B made the drawings at the middle of the month and C made the drawings at the end of each month. Calculate interest on drawings @6% p.a. to be charged on 31st December 2002.

13. A & B are sharing profits and losses in the ratio 3:2. Their partnership deed provided for commission to A @4% of the net profit after charging his commission. Net profit before commission was Rs.14,560. Calculate commission and profit share of each partner.

14. A & B are equal partners in a firm. Their partnership deed provided for commission to A @5% of the net profit before charging any commission and B is entitled to 5% commission on the profit after charging all commissions. Net profit before any such commission was Rs.16800. Calculate commission and profit share of each partner.

15. X and Y are partners in firm manufacturing solar cookers for sale, sharing profits in the ratio of 2:1. They invested capitals of Rs. 10,00,000 and Rs. 8,00,000 respectively. X withdrew the following amounts during the year to pay the college fee and other expenses of his son:

Rs.

1st April	20,000
1st June	18,000
1st November	28,000
1st December	10,000

Y withdrew Rs. 30,000 in the beginning of each quarter (i.e. the first day of each quarter) for the household expenses of his family. The firm also paid Rs. 10,000 p.m. as rent for the premises owned by Y used as office of Partnership Firm. Calculate interest on Drawing of the partners.

16. C and D are partners in a firm; C has contributed ₹ 1,00,000 and D ₹ 60,000 as capitals. Interest is payable @ 6% p.a. and D is entitled to salary of ₹ 3,000 per month. In the year ended 31st March, 2020, the profit was ₹ 80,000 before interest and salary.

    Prepare Profit and Loss Appropriation Account.

17. Amit and Vijay started a partnership business on 1st April, 2019. Their capital contributions were ₹ 2,00,000 and ₹ 1,50,000 respectively. The Partnership Deed provided as follows:

    (a) Interest on capital be allowed @ 10% p.a.
    (b) Amit to get a salary of ₹ 2,000 per month and Vijay ₹ 3,000 per month.
    (c) Profits are to be shared in the ratio of 3 : 2.
    Net Profit for the year ended 31st March, 2020 was ₹ 2,16,000. Interest on drawings amounted to ₹ 2,200 for Amit and ₹ 2,500 for Vijay.
    Prepare Profit and Loss Appropriation Account.

18. A and B are partners sharing profits and losses in the ratio of 3 : 1. On 1st April, 2019, their capitals were:

    A ₹ 50,000 and B ₹ 30,000. During the year ended 31st March, 2020, the firm earned a net profit of ₹ 50,000.

    The terms of partnership are:

    (a) Interest on capital is to be allowed @ 6% p.a.

    (b) A will get a commission @ 2% on turnover.

    (c) B will get a salary of ₹ 500 per month.

    (d) B will get commission of 5% on profits after deduction of all expenses including such commission.

    Partners' drawings for the year were: A ₹ 8,000 and B ₹ 6,000. Turnover for the year was ₹ 3,00,000.

    After considering the above facts, you are required to prepare Profit and Loss Appropriation Account and Partners' Capital Accounts.

19. Sajal and Kajal are partners sharing profits and losses in the ratio of 2 : 1. On 1st April, 2019 their Capitals were: Sajal—₹ 5,00,000 and Kajal—₹ 4,00,000.

    Prepare Profit and Loss Appropriation Account and the Partners' Capital Accounts at the end of the year from the following information:

    (a) Interest on Capital is to be allowed @ 5% p.a.

(b) Interest on the loan advanced by Kajal for the whole year, the amount of loan being ₹ 3,00,000.

(c) Interest on partners' drawings @ 6% p.a. Drawings: Sajal ₹ 1,00,000 and Kajal ₹ 80,000.

(d) 10% of the divisible profit is to be transferred to General Reserve.

Profit, before giving effect to the above, for the year ended 31st March, 2020 is ₹ 7,02,600.

20. A, B and C were partners in a firm having capitals of ₹ 50,000; ₹ 50,000 and ₹ 1,00,000 respectively. Their Current Account balances were A: ₹ 10,000; B: ₹ 5,000 and C: ₹ 2,000 (Dr.). According to the Partnership Deed the partners were entitled to an interest on Capital @ 10% p.a. C being the working partner was also entitled to a salary of ₹ 12,000 p.a. The profits were to be divided as:

(a) The first ₹ 20,000 in proportion to their capitals.

(b) Next ₹ 30,000 in the ratio of 5 : 3 : 2.

(c) Remaining profits to be shared equally.

The firm earned net profit of ₹ 1,72,000 before charging any of the above items.

Prepare Profit and Loss Appropriation Account and pass necessary Journal entry for the appropriation of profits.

21. Reya, Mona and Nisha shared profits in the ratio of 3 : 2 : 1. Profits for the last three years were ₹ 1,40,000; ₹ 84,000 and ₹ 1,06,000 respectively. These profits were by mistake distributed equally. The error is now to be corrected.

Give the necessary rectification Journal entry.

22. P and Q were partners in a firm sharing profits and losses equally. Their fixed capitals were ₹ 2,00,000 and ₹ 3,00,000 respectively. The Partnership Deed provided for interest on capital @ 12% per annum. For the year ended 31st March, 2016, profits of the firm were distributed without providing interest on capital.

Pass necessary adjustment entry to rectify the error.

23. Mita and Usha are partners in a firm sharing profits in the ratio of 2 : 3. Their Capital Accounts as on 1st April, 2015 showed balances of Rs.1,40,000 and Rs.1,20,000 respectively. The drawings of Mita and Usha during the year 2015–16 were Rs.32,000 and Rs.24,000 respectively. Both the amounts were withdrawn on 1st January 2016. It was subsequently found that the following items had been omitted while preparing the final accounts for the year ended 31st March, 2016:

(a) Interest on Capital @ 6% p.a.

(b) Interest on Drawings @ 6% p.a.

(c) Mita was entitled to a commission of Rs.8,000 for the whole year.

Showing your working clearly, pass a rectifying entry in the books of the firm.

24. A, B and C were partners. Their fixed capitals were Rs.60,000, Rs.40,000 and Rs.20,000 respectively. Their profit sharing ratio was 2 : 2 : 1. According to the

Partnership Deed, they were entitled to interest on capital @ 5% p.a. In addition, B was also entitled to draw a salary of Rs.1,500 per month. C was entitled to a commission of 5% on the profits after charging the interest on capital, but before charging the salary payable to B. The net profits for the year, Rs.80,000, were distributed in the ratio of their capitals without providing for any of the above adjustments. Showing your workings clearly, pass the necessary adjustment entry.

25. Mohan, Vijay and Anil are partners, the balances of their Capital Accounts being Rs.30,000, Rs.25,000 and Rs.20,000 respectively. In arriving at these amounts profit for the year ended 31st March, 2020, Rs.24,000 had been credited to partners in their profit-sharing ratio. Their drawings were Rs.5,000 (Mohan), Rs.4,000 (Vijay) and Rs.3,000 (Anil) during the year. Subsequently, following omissions were noticed and it was decided to rectify the errors:

(a) Interest on capital @ 10% p.a.

(b) Interest on drawings: Mohan Rs.250, Vijay Rs.200 and Anil Rs.150.

Make necessary corrections through a Journal entry and show your workings clearly.

26. Maanika, Bhavi and Komal are partners sharing profits in the ratio of 6:4:1. Komal is guaranteed a minimum profit of ₹ 2,00,000. The firm incurred a loss of ₹22,00,000 for the year ended 31st March,2018. Pass necessary journal entry regarding deficiency borne by Maanika and Bhavi and prepare Profit and Loss Appropriation Account.

27. The partners of a firm, Alia, Bhanu and Chand distributed the profits for the year ended 31st March, 2017, ₹ 80,000 in the ratio of 3:3:2 without providing for the following adjustments:

    (a) Alia and Chand were entitled to a salary of ₹ 1,500 each p.m.
    (b) Bhanu was entitled for a salary of ₹ 4,000 p.a.

Pass the necessary Journal entry for the above adjustments in the books of the firm. Show workings clearly.

28. Vikas and Vivek were partners in a firm sharing profits in the ratio of 3 : 2. On 1st April, 2019, they admitted Vandana as a new partner for 1/8th share in the profits with a guaranteed profit of Rs.1,50,000. New profit-sharing ratio between Vikas and Vivek will remain same but they decided to bear any deficiency on account of guarantee to Vandana in the ratio 3 : 2. Profit of the firm for the year ended 31st March, 2020 was Rs.9,00,000.

Prepare Profit and Loss Appropriation Account of Vikas, Vivek and Vandana for the year ended 31st March, 2020.

29. Asgar, Chaman and Dholu are partners in a firm. Their Capital Accounts stood at Rs.6,00,000; Rs.5,00,000 and Rs.4,00,000 respectively on 1st April, 2019. They shared Profits and Losses in the proportion of 4 : 2 : 3. Partners are entitled to interest on capital @ 8% per annum and salary to Chaman and Dholu @ Rs.7,000 per month and Rs.10,000 per quarter respectively as per the provision of the Partnership Deed.

Dholu's share of profit (excluding interest on capital but including salary) is guaranteed at a minimum of Rs.1,10,000 p.a. Any deficiency arising on that account shall be met by Asgar. The profit for the year ended 31st March, 2020 amounted to Rs.4,24,000.

Prepare Profit and Loss Appropriation Account for the year ended 31st March, 2020.

30. Ajay, Binay and Chetan were partners sharing profits in the ratio of 3 : 3 : 2. The Partnership Deed provided for the following:

(i) Salary of Rs.2,000 per quarter to Ajay and Binay.
(ii) Chetan was entitled to a commission of Rs.8,000.
(iii) Binay was guaranteed a profit of Rs.50,000 p.a.

The profit of the firm for the year ended 31st March, 2015 was Rs.1,50,000 which was distributed among Ajay, Binay and Chetan in the ratio of 2 : 2 : 1, without taking into consideration the provisions of Partnership Deed. Pass necessary rectifying entry for the above adjustments in the books of the firm. Show your workings clearly.

ECONOMICS

General Instructions:
a) Holidays home work has been divided into two parts. Part A contains Project and Part B contains Assignments.
b) Assignments need to be done in class Notebook.

Part A (Project)

Prepare Project on any topic as prescribed by CBSE.

Guidelines for preparation of project
a) The project should be handwritten.
b) Only coloured sheets to be used (no designer sheets).
c) Cover page to be on hold.
d) Project should be supported with lots of colour pictures.

Part B (Assignment)

1. Give two reasons for low level of agricultural productivity during the colonial rule.

2. Define Colonialism.

3. When was India's first official census operation undertaken?

4. What is meant by export surplus?

5. What do you mean by economic drain?

6. Which is regarded as the defining year to mark the demographic transition from its first to second decisive stage?

7. Which Indian industry was adversely affected due to the partition?

8. Name some modern industries which were in operation in our country at the time of independence.

9. What was the focus of the economic policies by the colonial government in India?

10. How did export surplus during British rule lead to the economic drain of Indian Wealth?

11. What were the motives behind the systematic de-industrialisation by the British rulers in India? Describe briefly.

12. What were the adverse impacts of the destruction of Indian Handicraft industries by the British rulers during the colonial period?

13. What was the development of modern industries in the colonial period?

14. Describe the salient features of India's occupational structure during British period.

15. Give a brief appraisal of India's demographic profile during the colonial period.

16. State the level of income and economic development in India during the British rule.

17. What were the main causes of India's agricultural stagnation during the colonial period?

18. Critically appraise some of the shortfalls of the industrial policy pursued by the British colonial administration.

19. The traditional handicrafts industries were ruined under the British rule. Do you agree with this view? Give reasons in support of your answer.

20. Briefly describe the state and nature of India's foreign trade during colonial rule.

21. Briefly describe the state of infrastructural facilities during the British period.

22. What were the main motives of British rulers behind the beginning of railways in India? How had the development and construction of railways in colonial period affected the Indian economy?

23. Underscore some of the India's most crucial economic challenges at the time of independence.

24. Give a brief outline of the policies of British rulers that led to exploitation of Indian economy.

25. Were there any positive contributions made by the British in India? Discuss.

BUSINESS STUDIES

1. Prepare the Project work on the topic allotted -
❖ Project A: MARKETING MANAGEMENT
❖ Project B: BUSINESS ENVIRONMENT
❖ Project C: - STOCK EXCHANGE
❖ Project D: - PRINCIPLES OF MANAGEMENT
PRESENTATION AND SUBMISSION OF PROJECT REPORT OF PROJECT A ,B AND C -The following essentials are required to be fulfilled for its preparation and submission.
1. The total length of the project will be of 25 to 30 pages.
2. The project should be handwritten.
3. The project should be presented in a neat folder.
4. The project report should be developed in the following sequence
a) The cover page should include the title of the Project, student information, school and year.
b) List of contents.
c) Acknowledgements and preface (acknowledging the institution, the places visited and the persons who have helped).
d) Introduction
e) Topic with suitable heading.
f) Planning and activities done during the project, if any.
g) Observations and findings of the visit.
h) Conclusions (summarised suggestions or findings, future scope of study).
i) Photographs (if any).
j) Appendix.
k) Teacher's observation.
l) Signature of the teacher.

2.Assignment(to be done in class Notebook)
1) What are the steps taken by management in the planning process?
2) High Voltage' – a company which manufactures microwaves is known for its flawless planning. However the top management of the company accepts that some of its plans have failed in the past as the outside business environment is unpredictable and dynamic. The company invests a huge portion of its revenue on planning related issues. Recently in a newspaper the company was blamed for preventing its employees from doing new things due to the plans which are decided by the top management. Rajesh a middle level manager in the company in a seminar said that the planning aspect of a company should be dealt cautiously. There should be specific goals and activities to reach these goals should also be properly executed. Company has many serious competitors in the market. Even they unanimously agree that without planning no other function of management can exist and it's the basic platform on which the whole structure of management is laid. When it comes to follow up of plans it becomes very important to know the standards. The success of a plan can only be checked when it is known how much of the set target has been met because it is at the stage of planning these targets are set. It's not about the past. It's for the coming time and challenges that a company formulates a plan. Rajesh

knows this well. He uses his intelligent imagination and foresight while formulating the plans.

Which limitations of planning have been highlighted in the above case?

Which features of planning have been indicated in the above paragraph?

Which importance of planning do you find sighted in the above case?

3.) Ramesh is a supervisor in a company. He works at the lower level of management. He teaches 'on the job training' the ways in which a task is to be done by the workers at the shop floor level. He meets his boss on ce a week day and gives him a numerical statement quantifying the numbers needed in various activities at the shop floor for next 6 months. The boss approves his requirements and gives him a job to set targets in figures about the next plan he thinks is good for the manufacturing unit. Ramesh's dedication is noticed by all.

In the above case which types of plans have been highlighted? 2

Which step of planning process is highlighted in the above case?

4.) In an annual general meeting a company sets its targets for the year. The manufacturing department has decided to manufacture 2.5 million units of the product and has decided to monitor the performance so as to control it accordingly. The survey done by the company has shown a number of cities in the north which are showing increased demand for the product. The company in its research during the last three months generated various options and decided to follow the best one. The HR team is also concerned about its output. The HR head revealed that there can be shortage of MBA pass outs which can reduce the quality of manpower in the near future so it has decided to arrange HR workshops in different colleges to get the best candidates. The board meeting ends on a positive note.

In the above case identify the importance of planning and the concerned lines.

5.) Identify the types of plans:

1.Ramesh is a senior middle level manager. He is busy in allocating resources to his staff, he has also finalised the objectives and decided the course of action to be followed. He is expecting energy in his staff for the whole season but he will have to be caucious.

2.Suresh is giving a speech to the workers of his factory. He is the owner of a toy manufacturing factory and has 123 workers. He tells them that this year's target of production is 7.5 lakh toys.

3.On the wall of 'Health is Wealth' hospital a board is hanging. On this board. It is written 'We care for the health of senior citizens as our topmost priority'. This hospital is known for treating people aged more than 60 years.

4.Rakesh calls his new subordinates for a meeting. He is a top level manager. He arranges for a power point presentation to train his subordinates who are all middle level managers. He tells them the way of doing task of treating suppliers through a new software system to be installed within next 30 days.

5.Dinesh takes a meeting and guides his employees in a type of plan which is chronological in nature and is situation specific. It is a collection of various methods in a step wise sequence.

6.Amit has given a detailed statement of expected results in numerical terms. This plan is conveyed to the subordinates by him in a special

meeting.

6. An established firm has fifty years of experience in shipping industry. The company time and again proves itself as one of the dominant figures in the market. The plan for the whole year is given a lot of importance. According to the owner of the company their plans are the basic structures upon which other important functions of management rest. It is important that the plans are communicated to the employees. The top management ensures that the plans are communicated and implemented at all levels and in all departments. To learn from past mistakes is a habit of this successful company. They prepare plans for short term as well as long term where it can be seen that throughout the year the plans are prepared one after another. Shipping industry needs such dedicated companies. The goals are specific and the activities to achieve these specific goals are undertaken. The company has planned a growth of 20% in revenue this year. Let's see how much it's possible for it to achieve it by the end of the year.

In the above case identify the various features of planning highlighted. Which type of plan is indicated in the above case?

7.) Flows Technology' deals in bulb manufacturing business. It plans for a successful year of production and sale this year. It has in advance given targets to all its departments and employees. The departments and employees are happy about this. They know that now they won't have to do unconcerned activities thus leading to more focused approach resulting in saving of resources. The company is thinking of starting two new plants in the southern portion of India. For this some concrete plan has to be made. The main core team of the company has decided to weigh all the options and then choose the best one. The road might be long but the company is geared to face all the challenges.

In the above case identify importance of planning highlighted.

8.) ABC Ltd.Business' is a balloon manufacturing firm. With the arrival of foreign firms it is feeling the pressure of improving its business strategy. Because of the firm's advance planning it could not suddenly bring changes in its plans as the whole organisation had started implementing the decided plan. But this year the organisation wants to ensure success. However, the firm knows that the external environment is changeable and continues to vary in a fast manner. The organisation wants to prepare in advance for a better future. It has decided to allocate a portion of its budget specifically for proper planning as it knows there are going to be expenses like Expert's fee, survey charges, etc.

Which limitations of planning have been identified in the above case?

9.) A shoe manufacturing company wants to become a market leader. For this a detailed planning is required. The first step taken by the firm is to set targets for the three months duration for selling maximum number of shoes in the market which they set as 2,50,000. The team doesn't want to make any mistake so they decide to do proper planning. They decide to chalk out alternative plans so that they can arrive at the best possible plan. However the team is surrounded with doubts. To remove doubts it goes for judging the plans to get the most profitable one. The plan is taken to the whole organisation and the concerned persons. Ultimately it is put into action. Without much caring for the results the company starts working on the

other project simultaneously.
Identify the steps in the planning process which have been applied by the organisation in the above case?

10.) An auto company C Ltd. is facing a problem of declining market share due to increased competition from other new and existing players in the market. Its competitors are introducing lower-priced models for mass consumers who are price sensitive. For quality-conscious consumers, the company is introducing new models with added features and new technological advancements.

HISTORY

ASSIGNMENT (TO BE DONE IN NOTEBOOK)

1. How Buddhist texts were prepared and preserved?
2. What is Hagiography?
3. For what did the following symbols stand for in Buddha's life?
   I.   Empty seat
   II. Stupa
   III. Wheel
4. Describe the differences between Hinayana and Mahayana form of Buddhism.
5. What are the main features of a Buddhist stupa?
6. How teachings of Buddha have been reconstructed? Describe his teachings also.
7. "to understand the meanings of sculptures, historian have to be familiar with the stories behind them." Support the statement by giving examples from Buddhist and Hindu Art from 600 BCE to 600 CE.
8. Discuss the most idea of Jainism and how did it make an impact on Indian thinking?
9. Explain the teachings of Jainism.
10. Why the mid-first millennium is considered as a turning point in World History? Which ideas of Buddhism became popular with the people?

PROJECT WORK

A FEW SUGGESTIVE TOPICS FOR CLASS XII PROJECTS
1. The Indus Valley Civilization-Archaeological Excavations and New Perspectives
2. The History and Legacy of Mauryan Empire
3. "Mahabharat"- The Great Epic of India
4. The History and Culture of the Vedic period
5. Buddha Charita
6. A Comprehensive History of Jainism
7. Bhakti Movement- Multiple interpretations and commentaries.
8. "The Mystical Dimensions of Sufism
9. Global legacy of Gandhian ideas
10. The Architectural Culture of the Vijayanagar Empire
11. Life of women in the Mughal rural society
12. Comparative Analysis of the Land Revenue Systems introduced by the Britishers in India
13. The Revolt of 1857- Causes; Planning & Coordination; Leadership, Vision of Unity
14. The Philosophy of Guru Nanak Dev
15. The Vision of Kabir
16. An insight into the Indian Constitution

POLITICAL SCIENCE

Project Work
General Instruction:
1.Project to be prepared on any topic from any book of class XII Political Science
(Part A-Contemporary world politics Part B-Politics in India since independence).
2.It should be a handwritten project on an A-4 size sheets.
3. Project file to include - cover page, acknowledgement, certificate, executive summary, content and bibliography.
4. The content should cover all areas of the chosen topic extensively.
5. The project should be prepared in a neat and organised manner, with proper pictorial representations**.**
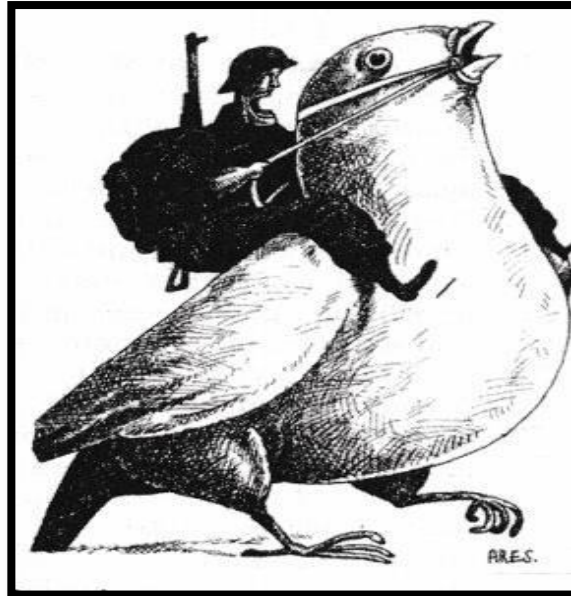
Assignment Sheet
Topic: Security in the contemporary world
        Answer the following questions:
 1.   What is security?
 2.   What is difference between deterrence and defence?
 3.   What is cooperative security?
 4.   Explain difference between migrants and refugees and internally displaced persons.
 5.   Describe International terrorism as a new source of threat to security
 6.   What is balance of power?
 7.   Write a note on Health epidemics as a new source of threat to security.
 8.   Write a short note on Global Poverty.
 9.   Study the picture given below and answer the questions that follow:

        a) How do the big powers react when new countries claim nuclear status?
        b) On what basis can we say that some countries can be trusted with nuclear weapons while others can't be?
        c)What does it tell you about the balance of power?

 10.   Study the picture given below and answer the questions that follow:

a) What does the cartoon represent?
b) What does the pigeon and man with goods symbolise?
c) As per the cartoon, what task is the soldier trying to accomplish?

Note- Assignment to be done in class note book.

MATHEMATICS

(a) Prepare power point presentation on trigonometry
(b) Complete the given assignment in the note book.

ASSIGNMENT -1

1. What are the possible orders for a matrix having 53 elements?
2. Construct a 2 x 2 matrix, where:
   a. $a_{ij} = (i-2j)^2/2$
   b. $a_{ij} = |-2i+3j|$
3. Find the value of x if
$$\begin{vmatrix} 2 & 4 \\ 5 & 1 \end{vmatrix} = \begin{vmatrix} 2x & 4 \\ 6 & x \end{vmatrix}$$

4. Determine the value of k, if the area of triangle is 4 units. The vertices are (k,0), (4,0), (0,2).
5. If A is an invertible matrix of order 2, then $\det(A^{-1})$ is equal to:
   a. $\det(A)$
   b. $1/\det(A)$
   c. 1
   d. 0
6. Given $3\begin{bmatrix} x & y \\ z & w \end{bmatrix} = \begin{bmatrix} x & 6 \\ -1 & 2w \end{bmatrix} + \begin{bmatrix} 4 & x+y \\ z+w & 3 \end{bmatrix}$,determine the values of x,y,z,w.

7. find the inverse of $\begin{bmatrix} 2 & 0 & -1 \\ 5 & 1 & 0 \\ 0 & 1 & 3 \end{bmatrix}$ if it exists.

8. Determine the inverse of $\begin{bmatrix} 2 & -3 & 3 \\ 2 & 2 & 3 \\ 3 & -2 & -2 \end{bmatrix}$ if it exists.

9. Express the given matrix as the sum of the symmetric and the skew-symmetric matrix.
$$\begin{bmatrix} 3 & 5 \\ 1 & -1 \end{bmatrix}$$

10. If $A = \begin{bmatrix} cos\lambda & -sin\lambda \\ sin\lambda & cos\lambda \end{bmatrix}$ and A+A'=I, then the value of λ is
    a. $\pi/6$
    b. π
    c. $\pi/3$

11. Determine the values of the variables such as a, b, c and d from the given equation:
$$\begin{bmatrix} a-b & 2a+c \\ 2a-b & 3c+d \end{bmatrix} = \begin{bmatrix} -1 & 5 \\ 0 & 13 \end{bmatrix}$$

12. If $A = \begin{bmatrix} 3 & -2 \\ 4 & -2 \end{bmatrix}$ and $I = \begin{bmatrix} 1 & 0 \\ 0 & 1 \end{bmatrix}$, find k so that $A^2 = KA-2I$

13. If $A = \begin{bmatrix} 3 & -4 \\ 1 & -1 \end{bmatrix}$, then prove that $A^n = \begin{bmatrix} 1+2n & -4n \\ n & 1-2n \end{bmatrix}$, where n is an any positive integer.

14. If $A = \begin{bmatrix} 2 & 2 & -4 \\ -4 & 2 & -4 \\ 2 & -1 & 5 \end{bmatrix}$ and $B = \begin{bmatrix} 1 & -1 & 0 \\ 2 & 3 & 4 \\ 0 & 1 & 2 \end{bmatrix}$ then find BA and use this to solve the system of equations y+2z+7,x-y=3 and 2x+3y+4z=17.

15. Using the matrix method, solve the system of equation 3x+2y-2z=3, x+2y+3z=6,2x-y+z=2.

ASSIGNMENT -2

1. Find $\dfrac{dy}{dx}$ for the following:

   (a) $y=\dfrac{1}{\sqrt{a^2-x^2}}$

   (b) $y=\dfrac{5x}{\sqrt[3]{1-x^2}}+\sin^2(2x+3)$

   (c) $y=\dfrac{\cos x+\sin x}{\cos x-\sin x}$

   (d) $y=\log\sqrt{\dfrac{1+\cos^2 x}{1-e^{2x}}}$

   (e) $y=\log(x+\sqrt{1+x^2})$

   (f) $y=\sqrt{\dfrac{1-\sin 2x}{1+\sin 2x}}$

2. Show that $\dfrac{d}{dx}\left[\dfrac{x}{2}\sqrt{a^2-x^2}+\dfrac{a^2}{2}\sin^{-1}\left(\dfrac{x}{a}\right)\right]=\sqrt{a^2-x^2}$.

3. If $y=\sqrt{\dfrac{1-x}{1+x}}$, prove that $(1-x^2)\dfrac{dy}{dx}+y=0$.

4. If $y=\left(x+\sqrt{x^2+a^2}\right)^n$, prove that $\dfrac{dy}{dx}=\dfrac{ny}{\sqrt{x^2+a^2}}$.

5. Find $\dfrac{dy}{dx}$ for the following:

   (a) $\sin^{-1}(\cos x)+\cos^{-1}(\sin x)$

   (b) $\tan^{-1}\left(\dfrac{1-\cos x}{\sin x}\right)$

   (c) $\tan^{-1}\left(\dfrac{\cos x-\sin x}{\cos x+\sin x}\right)$

   (d) $\tan^{-1}\left(\sqrt{\dfrac{1+\sin x}{1-\sin x}}\right)$

   (e) $\tan^{-1}\left(\dfrac{\sqrt{1+\sin x}+\sqrt{1-\sin x}}{\sqrt{1+\sin x}-\sqrt{1-\sin x}}\right)$

6. Find $\dfrac{dy}{dx}$ for the following:

   (a) $\cos^{-1}(4x^3-3x)$

   (b) $\cot^{-1}\left(\dfrac{1-x}{1+x}\right)$

   (c) $\tan^{-1}\left(\dfrac{\sqrt{1+x^2}-1}{x}\right)$

   (d) $\tan^{-1}\left(\dfrac{\sqrt{1+x^2}-\sqrt{1-x^2}}{\sqrt{1+x^2}+\sqrt{1-x^2}}\right)$

   (e) $\sin^{-1}\left(\dfrac{5x+12\sqrt{1-x^2}}{13}\right)$

7. If $\sqrt{1-x^2}+\sqrt{1-y^2}=a(x-y)$, prove that $\dfrac{dy}{dx}=\sqrt{\dfrac{1-y^2}{1-x^2}}$.

8. If $y=\sqrt{x}+\dfrac{1}{\sqrt{x}}$, prove that $2x\dfrac{dy}{dx}+y=2\sqrt{x}$.

ASSIGNMENT -3

1. $\sin^{-1}[2x\sqrt{(1-x^2)}] =$

   (a) $\frac{1}{2}\sin^{-1}x$ **(b)** $2\sin^{-1}x$ (c) $\sin^{-1}x$ (d) none

2. $\tan^{-1}\frac{\sqrt{a-x}}{\sqrt{a+x}} =$

   (a) $\frac{1}{2}\cos^{-1}\frac{x}{a}$ (b) $\frac{1}{2}\cot^{-1}\frac{x}{a}$ (c) $\cos^{-1}\frac{x}{a}$ (d) $\frac{1}{2}\sin^{-1}\frac{x}{a}$

3. If $\tan^{-1}x + \tan^{-1}\frac{1}{7} = \frac{\pi}{4}$, then $x =$

   (a) $\frac{7}{6}$ (b) $\frac{4}{3}$ (c) $\frac{3}{4}$ (d) $\frac{6}{7}$

4. $\sec^{-1}(\sec\frac{\pi}{3}) =$

   (a) $\frac{2\pi}{3}$ **(b)** $\frac{\pi}{3}$ (c) π (d) none

5. The value of $\sin(2\cos^{-1}(-\frac{3}{5}))$ is

   (a) None of these   **(b)** $-\frac{24}{25}$ (c) $\frac{7}{25}$ (d) $\frac{24}{25}$

6. What is the value of expression $[\cot^{-1}\{\cos(\tan^{-1}1)\}]$?

   (a) $\frac{\sqrt{2}}{\sqrt{3}}$ (b) $\frac{1}{\sqrt{3}}$ (c) 1   (d) none

7. If $4\cos^{-1}x + \sin^{-1}x = \pi$ then $x =$

   (a) $\frac{1}{2}$ (b) $\frac{1}{\sqrt{2}}$ **(c)** $\frac{\sqrt{3}}{2}$ (d) 0

8. If $\tan^{-1}3 + \tan^{-1}x = \tan^{-1}8$, then $x =$

   (a) $\frac{7}{9}$ (b) $\frac{4}{3}$ (c) $\frac{3}{4}$ (d) $\frac{1}{5}$

9. If $\sin^{-1}x - \cos^{-1}x = \frac{\pi}{6}$, then $x =$

   (a) $\frac{1}{2}$ (b) $\frac{1}{\sqrt{2}}$ **(c)** $\frac{\sqrt{3}}{2}$ (d) 0

PHYSICAL EDUCATION

1. Prepare practical file in a lab manual of Physical Education.
➢ Write about the motor fitness test all the seven items.
➢ Yoga and its importance.
➢ Five diseases and 2 asans of each disease
➢ Specialised Sports

Assignment
2. Write in PE note book.
➢ Draw a knockout picture of 21 teams.
➢ Draw a knockout fixture of 24 teams in which two teams are special seeded.
➢ Draw a league fixture of 9 teams through cyclic method.
➢ Prepare flowchart of micro and macronutrients