



DOON BHARTI PUBLIC SCHOOL

HOLIDAYS HOMEWORK

SESSION : 2022 – 23

Name of Student _____

Class XII

Section _____

Dear Parents,

Long summer break is the most joyful part of school life! Summer vacation is around the corner. We hope the children enjoyed their first spell in school as we enjoyed getting to know them.

Holidays are meant for enjoyment and if this time is used for creative pursuits, it becomes learning experience. The holiday homework has been designed to be a meaningful and creative exercise. Do ensure the child is involved with your guidance.

General guidelines:

- Summer vacation starts from 1st June'22 up to 03rd July'22. School will reopen on Monday 4th July'22.
- The holiday homework is available online on our websites: www.doonbharti.in & www.doonbharti.com
- Students are to complete HHW in a separate HHW note book / worksheet or as per given direction.
- Activities of each subject carries 2% total weightage in first term.

FOR THE PARENTS

Be A Friend: Play games with your child like – Ludo, Carrom-board or Scrabble.

Explore Nature: Take your child for morning walk, count trees, cars, stones, flowers etc. while going for a walk.

LANGUAGE DEVELOPMENT

Story Time: Read stories, recall some characters and incidents of the story by writing summary of story & character of sketches of different characters of story.

Use magic words like.

“Thank You” “Please” “Excuse me” and “Sorry”

Best Wishes

PHYSICAL EDUCATION **Holiday Homework (2022-2023)**

ACTIVITY: 1

PRACTICAL FILE WORK:

- Practical-1: Fitness tests administration.
- Practical-2: Procedure for Asanas, Benefits & Contraindication for any two Asanas for each lifestyle disease.
- Practical-3: Anyone game of your choice out of the list. (Basketball, Football, Kabaddi, Kho-Kho, Volleyball, Handball, Hockey, Cricket) Labelled diagram of field & equipment (Rules, Terminologies & Skills).

ACTIVITY: 2

- Learn five yoga asanas and Make a short video of five asanas and send it to class whats app group

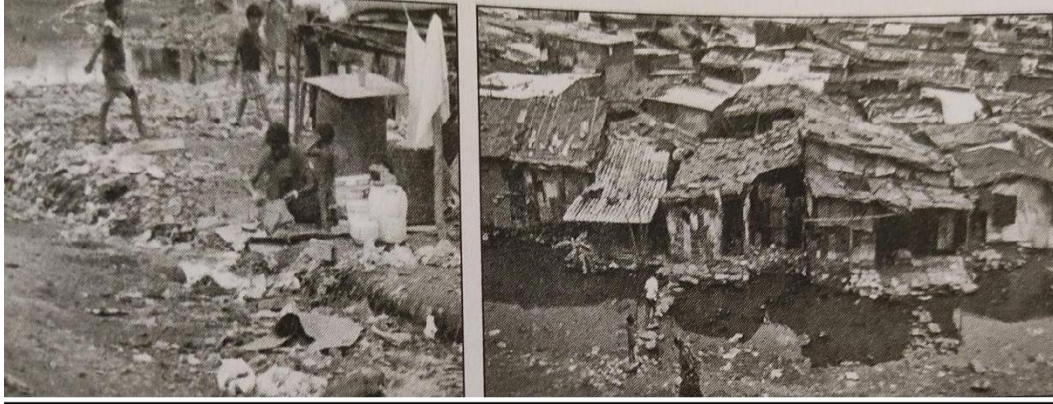
ENGLISH
Holiday Homework (2022-2023)

Instructions:-

1. Utilize your summer vacation constructively. Read good books / English newspaper daily. Obey your parents & help them. Be in touch with your subjects. Learn 5 new words with meaning daily.
2. All summer assignments must do in a Holiday homework notebook.

Writing Article:-

- Q. 1.** In India, the urban poor live in sub-human conditions in slums. Write an article on 'Possible Steps to Deal with Slums in India'. You are Kundan or Kashish, City Reporter of a newspaper. You can take help from the following visual. **(Word limit: 120 – 150)**



Writing Letter to the Editor:-

- Q. 2.** Admission to higher education is becoming increasingly difficult with cut-off lists for admission to universities and colleges constantly rising. Write a letter in about **120 – 150** words to the editor of a national newspaper voicing your concern over the issue.
In your letter you should

Writing Application for Job:-

- give instances of cut-off lists going up, in some cases touching 100% marks
- say how it will make higher education go beyond the reach of the majority of students who score less
- suggest what should be done to ensure that the benefits of higher education opportunities reach the maximum number of people

- Q. 3.** You are Rita / Rajesh Arora from 67-B, Shanti Park, Meerut. You have read an advertisement in 'The Times of India' for the post of Librarian given by Willow Public School, Meerut. Write an application to apply for the post. Also give a detailed bio-data separately. **(Word limit: 120 – 150)**

Writing Notice:-

- Q. 4.** The NCC Air Wing of your school is organising a visit to an Air Force Station in your area. As the senior under Officer of the wing write a notice in not more than **50** words for all the cadets informing them

In your notice you should include the following information:

- * date, time and place of the visit
- * purpose of the visit e.g. air show, flying, study aircraft, interaction with Air Force personnel (Choose one only)
- * Special instructions e.g. packed food and water, venue and time of reporting for the visit, compulsory participation (Choose one only)

about the visit.

Drafting Advertisement:-

- Q. 5.** You are Rohit Gupta, Managing Director of Gupta and Sons, a CA Firm in Kamala Nagar, Delhi. You want to appoint Audit Assistant and Computer Operators for your company. Draft an advertisement in not more than **50** words, giving all the necessary details of qualifications and experience required.

Mathematics
Holiday Homework (2022-2023)

1. Solve the following Question in your Holiday home work notebook.

i). If matrix have 28 elements what are the possible orders it can have? What if it has 13 elements?.

Find the value of x if

$$[lx \ 1]_{1 \times 3} \begin{bmatrix} 1 & 3 & 2 \\ 2 & 5 & 1 \\ 15 & 3 & 2 \end{bmatrix}_{3 \times 3} \begin{bmatrix} 1 \\ 2 \\ x \end{bmatrix}_{3 \times 1} = O.$$

ii).

Find non-zero values of x satisfying the matrix equation

$$x \begin{bmatrix} 2x & 2 \\ 3 & x \end{bmatrix} + 2 \begin{bmatrix} 8 & 5x \\ 4 & 4x \end{bmatrix} = 2 \begin{bmatrix} x^2 + 8 & 24 \\ 10 & 6x \end{bmatrix}.$$

iii).

iv). Area of a triangle with vertices (k, 0), (1, 1) and (0, 3) is 5 unit. Find the value (s) of k. 20. If A is a v).

Square matrix of order 3 and $|A| = -2$, find the value of $|-3A|$.

vi). If $A = 2B$ where A and B are of square matrices of order 3×3 and $|B| = 5$. What is $|A|$?

vii). What is the condition that a system of equation $AX = B$ has no solution.

viii). Find the area of the triangle with vertices (0, 0), (6, 0) and (4, 3).

ix). Let A be a non-singular square matrix of order 3×3 find $|\text{adj } A|$ if $|A| = 10$.

Find the matrix A satisfying the matrix equation:

$$\begin{bmatrix} 2 & 1 \\ 3 & 2 \end{bmatrix} A \begin{bmatrix} -3 & 2 \\ 5 & -3 \end{bmatrix} = \begin{bmatrix} 1 & 0 \\ 0 & 1 \end{bmatrix}$$

x).

xi). Given a square matrix A of order 3×3 such that $|A| = 12$ find the value of $|A \text{ adj } A$.

xii). Find the value of x such that the points (0, 2), (1, x) and (3, 1) y collinear.

2. Project work:-

i) Make a project based on matrix and determinants.

ii) Make a project based on inverse Trigonometry Function (graphically).

3. Do Practice Questions (any ten) of each Chapter from "Together with" matrix, Determinants and inverse trigonometry function in your notebook.

विषय-हिन्दी
अवकाश कार्य

निर्देश – सभी प्रश्न अनिवार्य हैं

अवकाश कार्य के अंक दिए जाएंगे।

(1) परियोजना कार्य:- सभी विद्यार्थियों को करना अनिवार्य है।

निर्देश - फाइल 12 से 18 पेज की होनी चाहिए। चित्रों का भरपूर प्रयोग करें।

कला वर्ग- विषय-

अनुक्रमांक - 1 से 5 - ग्लोबल वार्मिंग: मनुष्यता के लिए खतरा।

अनुक्रमांक - 6 से 10 - कोरोनावायरस एक महामारी।

अनुक्रमांक - 11 से 14 - युवा पीढ़ी और देश का भविष्य।

अनुक्रमांक - 15 से 16 - आज के विद्यार्थी की चुनौतियां।

वाणिज्य वर्ग:-

अनुक्रमांक - 1 से 4- बाल श्रमिकों की समस्या।

अनुक्रमांक -5 से 9 - नशाखोरी की बदलती प्रवृत्ति।

अनुक्रमांक -10 से 13 - विज्ञापनों की लुभावनी दुनिया।

अनुक्रमांक -14 से 17 -को बेड कोविड-19 और हम।

अनुक्रमांक - 18 से 21- प्रेमचंद जीवन परिचय तथा एक कहानी।

अनुक्रमांक- 22 से 25- जयशंकर प्रसाद जीवन परिचय तथा एक कहानी।

अनुक्रमांक - 26 से 28 - महादेवी वर्मा जीवन परिचय एक कहानी।

- (2) अवकाश कार्य कॉपी में चार अपठित कविता उनके पांच पांच पांच प्रश्न लिखिए।
- (3) अवकाश कार्य कॉपी में - सावन की पहली बौछार व इतिहास का एक दिन पर एक फीचर लिखिए।
- (4) स्वयं रचित एक कविता, कहानी या नाटक लिखो। (A4 शीट पर)
- (5) प्रथम सत्र में कराया गया कार्य याद कीजिए।

➤ **निम्नलिखित अपठित गद्यांश को “अवकाश कार्य” कॉपी में करो।**

1. गद्यांश न० 17 (पेज न० 42)
2. अभ्यास कार्य – 1, 2, 3, 4 (पेज न० – 44, 46, 48, 50)

➤ **निम्नलिखित अपठित काव्यांश को “अवकाश कार्य” कॉपी में करो।**

1. काव्यांश - 14 (पेज न० से 72)
2. काव्यांश - 15 (पेज न० से 73)
3. अभ्यास कार्य – 1, 2, 3 (पेज न० – 74, 75, 76)

Accountancy
Holiday Homework (2022-2023)

Short Answer Questions

1. Define Partnership Deed.
2. Explain in 50 words as to why it is considered desirable to make the partnership agreement in writing.
3. List the items which may be debited or credited in capital accounts of the partners when: (i) Capitals are fixed. (ii) Capital are fluctuating.
4. Why is Profit and Loss Adjustment Account prepared? Explain.
5. Give two circumstances under which the fixed capitals of partners may change.
6. If a fixed amount is withdrawn on the first day of every quarter, for what period the interest on total amount withdrawn will be calculated?

Practical Questions

7. Tripathi and Chauhan are partners in a firm sharing profits and losses in the ratio of 3:2. Their capitals were Rs.60,000 and Rs.40,000 as on January 01, 2005. During the year they earned a profit of Rs. 30,000. According to the partnership deed both the partners are entitled to Rs. 1,000 per month as Salary and 5% interest on their capital. They are also to be charged an interest of 5% on their drawings, irrespective of the period, which is Rs. 12,000 for Tripathi, Rs. 8,000 for Chauhan. Prepare Partner's Accounts when, capitals are fixed.
(Ans: Tripathi's Current account Balance Rs. 20,400, Chauhan's Current account Balance Rs.17,600)
8. Anubha and Kajal are partners of a firm sharing profits and losses in the ratio of 2:1. Their capital, were Rs.90,000 and Rs.60,000. The profit during the year were Rs. 45,000. According to partnership deed, both partners are allowed salary, Rs. 700 per month to Anubha and Rs. 500 per month to Kajal. Interest allowed on capital @ 5% p.a. The drawings at the end of the period were Rs. 8,500 for Anubha and Rs. 6,500 for Kajal. Interest is to be charged @ 5% p.a. on drawings. Prepare partners capital accounts, assuming that the capital account are fluctuating.
(Ans: Anubha's Capital Account Balance Rs.1,23,975, Kajal's Capital Account Balance Rs.77,175)
9. Harshad and Dhiman are in partnership since April 01, 2006. No Partnership agreement was made. They contributed Rs. 4,00,000 and 1,00,000 respectively as capital. In addition, Harshad advanced an amount of Rs. 1,00,000 to the firm, on October 01, 2006. Due to long illness, Harshad could not participate in business activities from August 1, to September 30, 2006. The Profits for the year ended March 31, 2006 amounted to Rs. 1,80,000. Dispute has arisen between Harshad and Dhiman. Harshad Claims: (i) he should be given interest @ 10% per annum on capital and loan; (ii) Profit should be distributed in proportion of capital; Dhiman Claims: (i) Profits should be distributed equally; (ii) He should be allowed Rs. 2,000 p.m. as. Remuneration for the period he managed the business, in the absence of Harshad; (iii) Interest on Capital and loan should be allowed @ 6% p.a. You are required to settle the dispute between Harshad and Dhiman. Also prepare Profit and Loss Appropriation Account.
(Ans Harshad's share in profit Rs. 88,500, Dhiman's share in profit Rs. 88,500)
10. Aakriti and Bindu entered into partnership for making garment on April 01, 2006 without any Partnership agreement. They introduced Capitals of Rs. 5,00,000 and Rs. 3,00,000 respectively on October 01, 2006.

Aakriti Advanced. Rs, 20,000 by way of loan to the firm without any agreement as to interest. Profit and Loss account for the year ended March 2007 showed profit of Rs, 43,000. Partners could not agree upon the question of interest and the basis of division of profit. You are required to divide the profits between them giving reason for your solution.

(Ans: Profit shares equal Aakriti and Bindu Rs. 21,200)

11. Rakhi and Shikha are partners in a firm, with capitals of Rs. 2,00,000 and Rs. 3,00,000 respectively. The profit of the firm, for the year ended 2006-07 is Rs. 23,200. As per the Partnership agreement, they share the profit in their capital ratio, after allowing a salary of Rs. 5,000 per month to Shikha and interest on Partner's capital at the rate of 10% p.a. During the year Rakhi withdrew Rs. 7,000 and Shikha Rs. 10,000 for their personal use. You are required to prepare Profit and Loss Appropriation Account and Partner's Capital Accounts.

(Ans: Loss Transferred to Rakhi Capital Rs.34,720 and Shikha Capital Rs.52,080).

12. Prepare a PPT in the form of written on the topic of Accounting for partnership firm.

OR

Collect the financial data of any company and prepare a project on the basis of data.

SUBJECT- Business Studies(054)

Holiday Homework (2022-2023)

1. Prepare a PPT depicting concept map of the chapter "Nature and significance of management" & "Principles of management" covering concept, features, Objectives, significance and importance of management.

(8-10 slides to be done by students as a file form.)

2. These questions are short answer type & long answer type has to be done in notebook:-

Short answer type questions:-

- (a) Define Management.
- (b) Name any two important characteristics of Management.
- (c) Ritu is a manager of the northern division of a large corporate house. At what level does she work in the organisation? What are the basic function?
- (d) Why is management considered a multi-faceted concept?
- (e) Discuss the basic features of management as profession.

Long answer type questions:-

- (a) Management is considered to be both art and science. Explain.
- (b) Do you think Management has the characteristics of a full fledged profession.
- (c) 'Coordination is a essence of Management'. Do you agree? Give reason for your answer.
- (d) "A successful enterprise has to achieve its goals effectively and efficiently."
- (e) Management is a series of continuous interrelated functions. Comment.

Economics

Holiday Homework (2022-2023)

- 1. Solve 10 questions on Indian economy on the eve of Independence and Five year plan in India from previous years final exam.
- 2. Solve 10 questions on Money and banking from Previous years final exams.
- 3. Complete your project works and latest reports by different ministries must be incorporated.
- 4. Prepare a Report on the following topic (any one)
 - a. Five years plans in India
 - b. Foreign Trade
 - c. Digital India
 - d. Goods and services tax



DOON BHARTI PUBLIC SCHOOL

Class – XII
Session:- (2022-2023)
CPT – 1 Date Sheet & Syllabus

DATE SHEET OF CPT – 1					
DATE	DAY	SUBJECT	DATE	DAY	SUBJECT
11-07-2022	Monday	English	22-07-2022	Friday	Physics/Accountancy/ Pol. Science
15-07-2022	Friday	Biology/Maths/Hindi	25-07-2022	Monday	Chemistry/B.St./History
18-07-2022	Monday	Economics	29-07-2022	Friday	Physical Education

Syllabus

<p>English (Reader):- Flamingo</p> <ul style="list-style-type: none">Chapter- 1 (The Last Lesson)Chapter - 2 (Lost Spring) <p>Poem:</p> <ul style="list-style-type: none">My Mother at Sixty – sixKeeping Quiet <p>Vistas:</p> <ul style="list-style-type: none">Chapter – 1 (The Third Level)Chapter – 2 (The Tiger King) <p>English (Grammar):-</p> <ul style="list-style-type: none">Unseen PassageNoticeArticleFormal invitation <p>Economics: Macro Economics</p> <ul style="list-style-type: none">Ch – 5 MoneyCh – 6 Banking <p>Indian Economic Development</p> <ul style="list-style-type: none">Ch – 1 Indian economy on the eve of Independence <p>Accountancy:</p> <ul style="list-style-type: none">V-I- Ch – 2 Accounting for Partnership firmCh- 3 Change in profit sharing ratio among the existing partner <p>Business Studies:</p> <ul style="list-style-type: none">Ch – 1 Nature & significance of managementCh – 2 Principles of management <p>Maths :</p> <ul style="list-style-type: none">Ch-1 MatricesCh-2 Determinant'sCh-3 Inverse trigonometry function <p>Physical Education:</p> <ul style="list-style-type: none">Ch-1 Management of sport eventsCh-2 children and women in sports	<p>Hindi (R) :- गद्य</p> <ul style="list-style-type: none">पाठ – 1 भक्तिनपाठ – 2 बाजार दर्शन <p>काव्य:</p> <ul style="list-style-type: none">पाठ – 1 आत्मपरिचय, एक गीत <p>Hindi (Grammar) :-</p> <ul style="list-style-type: none">पाठ – 1 विभिन्न माध्यमों के लिए लेखनपाठ – 2 पत्रकारिता <p>लेखन कार्य :-</p> <ul style="list-style-type: none">अनौपचारिक पत्रफीचरअपठित गद्यांश <p>Political Science:</p> <ul style="list-style-type: none">World Politics: Ch-2 The end of bipolariseIndian Politics: Ch-1 Challenges of nation building <p>History:</p> <ul style="list-style-type: none">Brick, Beads and bones; The Harappan civilisationKings, Farmer and Towns: early states and economics. <p>Physics:</p> <ul style="list-style-type: none">Ch-1 Electric charge and fieldCh-2 Electrostatic potentialCh-3 current electricity <p>Chemistry:</p> <ul style="list-style-type: none">Ch-10 Halo alkanes and Haloarenes <p>Biology:</p>
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