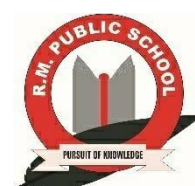


R.M PUBLIC SCHOOL

(CBSEAFFILIATIONNO.730072)



SESSION-2023-24 Winter Holidays Homework Class: - 11TH COMMERCE

Circular No. : 930

Date : 28-12-2023

Dear Parents / Students

Greetings from RMPS Fraternity!



Books become permanent companions. Sometimes, they are born before us; they guide us during our life journey and continue for many generations.

.....A.PJ ABDUL KALAM

Winter vacations are a delightful escape from the routine, offering a chance to embrace the chilly enchantment of the season. Whether it's snuggling up with a book by the fireplace, embarking on a snowy adventure, or simply relishing the festive spirit, these moments become a tapestry of warmth in the midst of the cold. The serene landscapes draped in snow create a picturesque backdrop for relaxation and reflection, making winter vacations a cherished interlude to recharge and appreciate the beauty of the season. Here are some holiday activities designed for creative utilization of time. Give a flight to your imagination and spend time purposely. This winter vacation the holiday

homework so designed by the mentors of the school is a medium for you all to achieve the motto of "Fun and Learn".

REMEMBER

- *Neatness and hygiene are part of your routine.
- *Holidays homework is a part of subject enrichment and will be assessed on the basis of creativity and efforts of the students.
- * It's a perfect time to enhance your speaking skills and vocabulary by conversing in English with your family and siblings.
- *Reading is essential for those who seek to rise above the ordinary. Spend your quality time with reading purposeful books.
- * A beautiful handwriting makes a good impression. Practice one page of English and Hindi writing daily.
- * Schedule your time for activities so that there is no piling up for the last moment.
- * Holiday homework should be your authentic creative work.
- * The marks of holiday homework will be included in your Term-2 exam. Kindly deposit the holiday homework on below mentioned slots, later it will not be accepted by the class teacher.

SUBMIT HOLIDAYS HOMEWORK ACCORDING TO THE GIVEN SCHEDULE

DATE	SLOTS	ROLL NO.	TIMING
09-01-2024	FIRST	1 TO 15	09:00 am to 09:30 am
	SECOND	16 onwards	09:30 am to 10:00 am

SR.NO	SUBJECT	TOPICS	ACTIVITY	MATERIAL REQUIRED
1	ENGLISH	<p>Q1. Look at the following sentences. Rearrange them to form meaningful sentences. Write the correct sentence in your answer sheet against the correct blank.</p> <p>1.measured/intensity/in/decibel /sound/ is/units</p> <p>2.West Bengal – Bhutan/ the technical/are/at/network/the /currently/an/railway/advanced /Stage/studies/for</p> <p>3.Its approval/the union/sixth/gave/for the/of/pay commission/cabinet/setting up/the</p> <p>Q2. Write a speech in about 150 words on the topic “The Role Of youth In Shaping a more Compassionate Society”.</p> <p>Q3. You are the director of coaching academy. Write an advertisement for the publication in the newspaper for admission to the various courses being provided in your institute.</p>	Design a poster on answer sheet Your school is organising Sports day. Prepare a poster to create awareness regarding the importance of sports in our daily lives.	File,colourful sheets. Glue, scissor sketch, pen and picture.

SR.NO	SUBJECT	TOPICS	ACTIVITY	MATERIAL REQUIRED
2	<p>BUSINESS STUDIES</p> <p>Roll No 1 to 15 will make model</p>	<ol style="list-style-type: none"> 1. Explain briefly the principles of insurance with suitable examples 2. List the documents required for incorporation of company. 3. What is MoA. Briefly explain its clauses. 4. Discuss the stages of formation of a company. 5. Explain the steps of Import and Export procedure. 	Prepare a working model on Aids to trade	Plywood 24/24 inch, pastel sheets, tape, toy cars and artificial plants etc

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3	ACCOUNTS	<p>Q1. Following Trial Balance has been extracted from the books of Prasad as on 31st March, 2023:</p> <table><tr><td>Particulars</td><td>Dr. (Rs.)</td></tr><tr><td> Machinery</td><td>4,00,000</td></tr><tr><td>Cash at Bank</td><td>1,00,000</td></tr><tr><td>Cash in Hand</td><td>50,000</td></tr><tr><td>Wages</td><td>1,00,000</td></tr><tr><td>Purchases</td><td>8,00,000</td></tr><tr><td>Stock on 1st April, 2022</td><td>6,00,000</td></tr><tr><td>Sundry Debtors</td><td>7,30,000</td></tr><tr><td>Rent</td><td>45,000</td></tr><tr><td>Commission</td><td>25,000</td></tr><tr><td>General Expenses</td><td>80,000</td></tr><tr><td>Salaries</td><td>50,000</td></tr></table> <table><tr><td>Particulars</td><td>Cr. (Rs.)</td></tr><tr><td>Capital</td><td>9,00,000</td></tr><tr><td>Sales</td><td>16,00,000</td></tr><tr><td>Sundry creditors</td><td>4,50,000</td></tr><tr><td>interest received</td><td>30,000</td></tr></table> <p>Additional information</p> <ol style="list-style-type: none">1. outstanding salaries for ₹45,0002. depreciate machinery at the rate 10%3. wages outstanding were ₹50004. Rent prepaid ₹10,0005. provide for interest on capital at the rate 5% per annum6. stock on 31st March 2023 ₹8,00,000 <p>Prepare trading and profit and loss account for the year ended 31st March 2023 and balance sheet as at that date.</p> <p>Q2. Following are the balances extracted from the books of Narain on 31st March 2023.</p> <table><tr><td>Particulars</td><td></td></tr><tr><td>Capital</td><td>3,00,000</td></tr><tr><td> Drawing</td><td>50,000</td></tr><tr><td> Furniture and Fittings</td><td>26,000</td></tr><tr><td>Bank Overdraft</td><td>42,000</td></tr><tr><td>Creditors</td><td>1,38,000</td></tr><tr><td>Building</td><td>2,00,000</td></tr></table>	Particulars	Dr. (Rs.)	Machinery	4,00,000	Cash at Bank	1,00,000	Cash in Hand	50,000	Wages	1,00,000	Purchases	8,00,000	Stock on 1st April, 2022	6,00,000	Sundry Debtors	7,30,000	Rent	45,000	Commission	25,000	General Expenses	80,000	Salaries	50,000	Particulars	Cr. (Rs.)	Capital	9,00,000	Sales	16,00,000	Sundry creditors	4,50,000	interest received	30,000	Particulars		Capital	3,00,000	Drawing	50,000	Furniture and Fittings	26,000	Bank Overdraft	42,000	Creditors	1,38,000	Building	2,00,000
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Stock on 1st April, 2022	2,20,000
Debtors	1,80,000
Rent from Tenants	10,000
Purchases	11,00,000
Sales	15,00,000
Sales Return	20,000
Discount (Dr.)	16,000
Discount (Cr)	20,000
Insurance	20,000
General Expenses	40,000
Salaries	90,000
Commission (Dr.)	22,000
Carriage on Purchases	18,000
Bad debts written off	8,000

Additional Information:

1. Closing Stock at cost as on 31st March, 2023 was Rs. 2,00,600 whereas its Net Realisable value (Market Value) was Rs. 2,05,000.
2. Depreciate: Building by Rs. 3000 and Furniture and Fittings by Rs. 2500
3. Make a provision of 5% on debtors for doubtful debts
4. Carry forward Rs. 2000 for unexpired insurance.
5. Outstanding salary was Rs. 15000

Prepare Trading and Profit and Loss Account for the year and Balance Sheet as at that date.

Q3. Trial Balance of Chatter Sen on 31st March, 2023 revealed the following balances:

Debit Balances :

Machinery	10,00,000
Purchases	5,80,000
Sales Return	10,000
Opening Stock	4,00,000
Discount Allowed	3,500
Bank Charges	750
Sundry Debtors	4,50,000
Salaries	68,000
Wages	1,00,000
Freight In	7,500
Freight Out	12,000
Rent	20,000
Insurance	10,000

Advertisement	10,000
Cash at Bank	69,000
CREDIT BALANCES:	
Capital A/c	12,00,000
Sales	12,70,000
Purchases Return	12,750
Discount Received	8,000
Loan	50,000
Sundry Creditors	2,00,000

Stock on 31st March, 2023 was Rs 3,50,000 at cost and its net realisable value (market value) was Rs, 4,00,000.

Prepare Trading and Profit & Loss Account for the year ended 31st March, 2023 and Balance Sheet as at that date.

Q4. Bharat stores purchased on 1st July 2020 machinery costing ₹30,000. It further purchased machinery on 1st January 2021 costing ₹20,000 and on 1st October 2021 costing ₹10,000. On 1st April 2022 1/3 of the machinery installed on 1st July 2020 became obsolete and was sold for ₹3000. The company follows financial year as accounting year.

Show how the Machinery Account would appear in the books of company if depreciation is charged @ 10% p.a. on Written Down Value Method.

Q5. Shyam purchased on 1st April 2021 a machine for ₹6000. On 1st October 2021 he purchased another machine for ₹5000. On 1st October 2022 he sold the machine purchased on 1st April 2021 for ₹4000.

It was decided that depreciation at the rate of 10% per annum was to be written off every year under diminishing balance method.

Assuming the accounts were closed on 31st March every year, show the machinery account for the years and the 31st March 2022 and 2023.

SR.NO	SUBJECT	TOPICS	ACTIVITY	MATERIAL REQUIRED
4	MATHS	<p>Q1. How many litres of water will have to be added to 1250 litres of 45% solution of acid so that the resulting mixture will contain more than 25% but less than 30% acid content?</p> <p>Q2. Differentiate $\cos x, \log x, \tan x$ w.r.t. x using abnition method.</p> <p>Q3. Find all pairs of consecutive even positive integers, both of which are larger than 5 such that their sum is less than 23.</p> <p>Q4. If $(x + iy)^3 = u + iv$, then show that $u/x + v/y = 4(x^2 - y^2)$.</p> <p>Q5. Find mean and variance of first n natural numbers.</p>		

SR.NO	SUBJECT	TOPICS	ACTIVITY	MATERIAL REQUIRED
6	COMPUTER SCIENCE	<p>1. Create a power point presentation on topic "CYBER SAFETY".</p> <p>2. Write a program in python to take necessary inputs from a user and perform the following operations using statistics and Math modules.</p> <ul style="list-style-type: none"> • To calculate the expression x^n • To calculate the absolute value of a number. • To calculate area of a circle where the values of π will be taken from the constant of the math module. • To calculate the median of a list of 10 integers. • To calculate the square root of a number. <p>3. Convert the following:</p> <ul style="list-style-type: none"> • $(11000111)_2 = ()_{10}$ • $(1CAF)_{16} = ()_2$ <p>4. Write a program in python that reads a line, then counts words and displays how many words are there in the line.</p> <p>5. Write a program in python</p>		

	<p>which assigns grades in an exam as per the following conditions:</p> <table><tr><th>MARKS</th><th>GRADES</th></tr><tr><td>>90 and <=100</td><td>"A"</td></tr><tr><td>>80 and <=90</td><td>"B"</td></tr><tr><td>>60 and <=80</td><td>"C"</td></tr><tr><td>otherwise</td><td>"D"</td></tr></table> <p>input the marks of "n" students and store them in a list and then store the grades in another list as per the above conditions. Display marks and grades of all the students having grades "B" and "D".</p>	MARKS	GRADES	>90 and <=100	"A"	>80 and <=90	"B"	>60 and <=80	"C"	otherwise	"D"		
MARKS	GRADES												
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SR.NO	SUBJECT	TOPICS		MATERIAL REQUIRED
7	ECONOMICS	<p>1. What are primary data? Enumerate the various methods of collecting primary data. Discuss the merits and demerits of any one of them.</p> <p>2. Explain the meaning of sampling survey. What are its advantages and disadvantages?</p> <p>3. Mention two series from the point of view of their construction. Give an example of each</p> <p>4. Which diagrams are known as bar diagrams? Explain the methods of its construction.</p> <p>5. What is meant by pie diagram? Explain the method of its construction.</p>	Prepare a model on law of demand Roll no. 16 to 30 will make model	Cardboard, black mirror, colourful sheets, glue, scissor etc.

SR.NO	SUBJECT	TOPICS	ACTIVITY	MATERIAL REQUIRED
8	PHE	Q1. Explain yogic kriyas in details. Q2 Define Training .what is the concept of Training and importance? Q3 Explain Adolescence problem need and management. Q4 Describe changing trends briefly. Q5 Explain Paralympic and deaflympic.		



Regards
Vice Principal