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VACATION ASSIGNMENT – 2078
GRADE- 11 (Management)

English			
DATE	TOPIC	TASK	CLASS /HOME ASSIGNMENT
Thursday 23 December 2021	Media and Society	Read the text in Page 22 “Social Media: Its Influence and Control over People’s Lives	Page No. 24: Way with words A Page No. 25: Comprehension A and B
Friday 24 December 2021	Media and Society	Write an essay in about 300 words on ANY ONE of the following topics: a) There are different schools of thought regarding the social media. Some people see the benefits while others see problems in them. What are your observations? Explain the advantages and disadvantages of the social media giving your position in it. b) What is cyber bullying? What are its effects? How can it be stopped?	
Monday 27 December 2021	History and Culture	Read the given text in Page 31 The contribution of the Qin Dynasty in Chinese history and culture.	Page No. 36: Way with words A and B Page No. 37: Comprehension A and B
Tuesday 28 December 2021		Write an email to your friend living abroad stating the contributions of Prithvi Narayan Shah in the unification of Nepal	
Wednesday 29 December 2021		Project Work Find the similarities and differences between the Qin Dynasty in China and the Rana Regime. You can search information on the internet and prepare a comparative chart. Once you complete your project, compare it with the charts from your friends.	
Thursday 30 December 2021	Life and Love	Read the text in Page 22 Read the given text on Page 42, “The Looking Glass”	Page No. 46: Way with Words A and B Page No 48: Comprehension A
Friday 31 December 2021	Health and Exercise	Read the text in Page 53 “You May Scoff”	Page No. 57: Way with Words A Page No 58/59: Comprehension A and B
Monday 3 January 2022		Write and essay in about 300 words on ANY ONE of the following topics: a) Yoga can be good to stay physically and mentally healthy. Do you practice any yoga? Write an essay on the benefits of yoga. b) How can a person be mentally healthy? Provide tips to a person to stay mentally fresh and healthy	
Tuesday 4 January 2022		Project Work “Eat Healthy Stay Healthy” is the slogan to keep oneself healthy and active. Here are some sources of healthy food: BERRIES, FRUITS, VEGETABLES, GRAINS, LENTILS and NUTS. Research the benefits of these food items and prepare a PowerPoint Presentation.	

नेपाली

नेपाली पाठ्यपुस्तकका पाठ ९, १०, ११ र १२ को अध्ययन गरी निम्नलिखित प्रश्नहरूको उत्तर लेख्नुहोस् :

पाठ	पेज	प्र. नं.
९	१३४	७
१०	१४८	७ र ८ (क)
११	१६०	४ र ५
१२	१७२	६
१२	१७८	१ देखि ९ सम्म

Mathematics

Q.1 If p and q be the statements, prove that

- $p \vee \sim(p \wedge q)$ is a tautology
- $\sim(p \vee q) \wedge q$ is a contrapositive
- $\sim q \wedge (p \Rightarrow q) \Rightarrow \sim p$ is a tautology
- $[(p \wedge q) \Rightarrow p] \Rightarrow (q \wedge \sim q)$ is a contradiction

Q.2 Let $U = \{\text{natural numbers from 1 to 20}\}$, $A = \{\text{multiple of 2 from 1 to 20}\}$, $B = \{\text{multiple of 3 from 1 to 20}\}$, $C = \{\text{even numbers from 1 to 10}\}$ and $D = \{\text{odd numbers from 1 to 15}\}$. Perform the followings indicated operations

- $A \cup (B \cap C)$
- $\overline{(A \cup B)} \cap C$
- $A - C$
- $A - (B \cup C)$

Q.3 Show that A.M., G.M. and H.M. of any two unequal positive numbers satisfy the given relations:

- $(G.M.)^2 = (A.M.) \times (H.M.)$
- $A.M. > G.M. > H.M.$

Q.4 If a, b, c are in H.P., prove that

- $\frac{bc}{b+c}, \frac{ca}{c+a}, \frac{ab}{a+b}$ are in H.P.
- $2a-b, b, 2c-b$ are in G.P.
- $a(b+c), b(c+a), c(a+b)$ are in A.P.

Q.5 a. If $a^x = b^x = c^x$ and a, b, c are in G.P., prove that x, y, z are in H.P.

- If one G.M. 'G' and two H.M.'s p and q are inserted between two given positive numbers, prove that $G^2 = (2p-q)(2q-p)$

Q. 6 a. The sum of infinity of a geometric series is 15, and the first term is 3. Find the common ratio.

- The sum of an infinite number of terms in G.S. is 15, and the sum of their squares is 45, find the series.

Q. 7 Find the sum of the followings geometric series:

- $1 - \frac{1}{2} + \frac{1}{4} - \frac{1}{8} + \dots$
- $3^{-1} + 3^{-2} + 3^{-3} + \dots$

c) $\frac{a}{x} + \frac{b}{x^2} + \frac{a}{x^3} + \frac{b}{x^3} + \dots \dots \dots (|x| > 1)$ d) $16 - 8 + 4 - \dots \dots \dots$

Q.8 If $x = \frac{1}{1+y}$, $y > 0$, prove that $x + x^2 + x^3 + \dots \dots \dots \infty = \frac{1}{y}$.

Q.9 If $A = \begin{pmatrix} 4 & -5 \\ 3 & 6 \end{pmatrix}$ and $A = \begin{pmatrix} 1 & 3 \\ -1 & -2 \end{pmatrix}$ find A^T , B^T , $(AB)^T$ and show that $(AB)^T = (BA)^T$.

Q.10 If $A = \begin{pmatrix} 0 & -1 & 3y + 5 \\ 5z - 9 & 0 & y - 1 \\ x - 2 & 2x - 3 & 0 \end{pmatrix}$ and $A = A^T$, find the value of x, y, z .

Q.11 If $A = \begin{pmatrix} 1 & 2 & -2 \\ -1 & 3 & 0 \\ 0 & -2 & 1 \end{pmatrix}$ find A^{-1} and verify that $AA^{-1} = I$.

Q.12 If z_1, z_2 and z_3 are three complex numbers then they satisfy the commutative, associative and distributive laws of addition and multiplication.

Accountancy

Attempt all questions:

1. You are given the following transactions:

Started business with cash Rs. 1,00,000.

Additional capital introduced Rs. 50,000.

Purchased goods costing Rs 50,000 on credit.

Goods costing Rs. 2,000 destroyed by fire.

Rent due Rs. 1,000.

Interest earned but not received Rs 4,000.

Interest on capital Rs. 100.

Required: Accounting Equation **ANS. 2, 02,000**

2. Following transactions are given

Started business with Rs. 1,00,000 cash and goods Rs.1,00,000.

Goods worth Rs.3,000 were lost by theft. The insurance company admitted the claim in full.

Purchased furniture of Rs. 50,000 at 10 % discount.

Interest received Rs. 5,000.

Required: Accounting Equation Ans 2, 10,000

3. The transactions related B.k trading company is as under:

April 3: purchased furniture's for cash Rs. 25,000.

4: purchased goods for cash Rs. 20,000 at 10 % discount.

5: Interest received Rs. 500.

6: Rent paid to house owner Rs. 10,000.

7: Goods sold for cash Rs. 40,000 and allowed discount 5%.

8: commission received Rs. 2,000 and still Receivable Rs. 1,000.

9: Old furniture sold Rs. 5,000.

10: Borrowed loan from bank Rs. 50,000.

11: paid to Radha Rs. 25,000 by cheque in full settlement Rs. 25,500.

12: Salary paid by cheque Rs. 10,000 for the current month and Rs. 10,000 for the coming month as advance.

Required: Journal entries for the above transactions

4. Following transactions are given:

2069 Magh 1 : started business with cash Rs. 5,00,000.

2069 magh3 : Deposited into bank of Rs. 1,50,000.

2069 magh5 : Goods purchased from pradhan on credit. Of Rs. 50,000.

2069 magh7 : Goods sold to shrestha on credit of Rs. 25,000.

2069magh 12 : pradhan's account was settled by paying cash of Rs. 49,000.

2069 magh15 : shrestha has settled his account by paying cash of Rs. 24,500.

Required: Journal Entries

5. Following transactions are given:

Magh1: started business with cash Rs. 2,00,000 and furniture Rs. 50,000

Magh4: Goods purchased on credit for Rs. 50,000

Magh10: cash deposited into bank Rs. 20,000

Magh25: settled creditor account by paying in cash Rs. 49,000

Required: journal entries (b) cash Account Balance Rs. 1,31,000.

6. 14. Following Transactions related to purchase:

Baishakh1: purchased from S.K. Traders, Bhakatpur:

100 Kg rice @ Rs. 30 per kg

30 kg wheat @ Rs. 20 per kg

Baishakh3 purchased a computer from ABC computer supplier for Rs. 30,000.

Baishakh5: Purchased from A.K. Traders, Patan

50 kg grams @ 50 per kg

20kg salt @ 10 per kg

Trade discount 10%

Required: (i) purchase Book (ii) purchase account Ans 6,030

7. Following transactions are given:

Poush1: Balance of cash in hand Rs. 20,000 and cash at Bank Rs. 30,000

Poush5: purchased goods for Rs. 4,000 received discount Rs. 200

Poush9: Received cash from Ram Rs. 36,000 after deducting 10% discount

Poush15: Deposited into bank Rs. 2,000

Poush25: Received cash from Hari Rs. 24,000 in full settlement of His Account Rs. 2,500

Poush29: withdraw cash Rs. 6,000 from Bank for the office use.

Required: Triple column cash Book Ans cash 26,200 Bank 26,000 .

8. the following transactions are given to you :

2059, Shrawan :1 . Started business with Rs . 5,00,000 in the bank and Rs 1, 00,000 in cash .

1. Bought furniture and paid by cheque Rs. 2,50,000

2. Paid rent by cheque Rs 12, 500.

5. cash sales Rs 12,500.

8. Paid wages Rs. 2,500.

9. Paid insurance by cheque Rs 1,250.

Required : post the above transactions in the appropriate ledgers of the firm and balance them on 31st shrawan.

9. prepare journal entries ;

a. Salary paid to a staff Rs. 10,000.

b. Issued a cheque of Rs . 2,000 for wages payment .

c. Paid commission of Rs . 1,000.

d. Rent of Rs. 5,000 paid to the house owner .

e. Interest of Rs . 1,000 paid on loan .

f. issued a cheque of Rs . 20,000 for the advertisement .

g. paid salary of Rs 12, 000 to S.K kayastha

h. paid wages of Rs. 2,000 to Mr . Karki.

Required: Triple column cash book

20. Following are Transactions are given:

i. Commenced business with cash Rs. 1, 00,000 and Furniture Rs. 50,000.

ii. Goods purchased on credit Rs. 10,000.

iii. Furniture costing Rs. 10,000 was sold for Rs. 9,000.

iv. Paid wages Rs. 5,000.

Required: Accounting Equation

i. Water and electricity bill paid Rs. 1,500.

9. Write any four functions of accounting.

10. Briefly explain the any two objectives of accounting.

11. Explain in brief the meaning of accounting.

12. Give the meaning of ' Going concern concept

And ' cost concept.

13. Write the meaning of Revenue Receipt with two examples

14. Point out any two errors that are disclosed by Trail Balance.

15. What is meant by double entry book keeping system?

16. Enumerate any two differences between Expenses and income.

17. Highlight the concept of trail balance.

18. Following are transactions relating to sales:

2068 Magh2: sold to Ram

100 kg tea @ Rs. 450 per kg.

200 kg sugar @ Rs. 80 per kg.

5% Trade discount on Tea sold

2068 Magh4: 50 kg Tea; @ Rs. 400 per kg.

Required: sales Book

19 Following cash and bank Transactions are given.

Magh1 : cash Balance Rs. 2, 50,000.

Magh2 : Deposited into Bank Rs. 1, 50,000.

Magh5 : Goods sold on credit Rs. 20,000.

Magh10: cash received from debtors Rs. 9,000 after deducting 10% discount.

Magh20: cash withdrawn from bank for official use Rs. 10,000 and for personal use Rs. 5,000.

Magh25 : paid cash salary Rs. 15,000 and rent Rs. 10,000.

21. Following transactions are relating to sale

i. Sold to Ramesh

100kg sugar: Rs. 70 per kg

ii. Sold to Nimesh on cash

300kg tea: @ Rs140 per kg

iii. Sold to Bhamesh

250 kg sugar: @ 80 per kg

500kg tea @ Rs.200 per kg. Trade discount on tea 10%

Required: sales book

22. A trader started business with Rs. 2, 50,000 on shrawan1, 2068. At the end of the year his business position is as under:

Equip	Rs. 160,000
Stock	Rs. 1, 90,000
Cash balance	Rs. 30,000
Bills payable	Rs. 60,000

Debtors Rs. 50,000

Additional information:

Depreciate equipment at 15% per annum

Bad debts written off Rs. 4,000

Required: **(i) closing statement of affairs**

(ii) Statement of profit and loss account

Business Studies

Malpi International School

Grade XI

Winter Holidays Assignment

Full Marks: 60

Subject: Business Studies

Students are required to give their answer in their own words as far as practicable. Each question carries 20 marks and will be awarded based on your reasoning to the cases. All these case studies have to be hand written in a separate sheet of paper and submitted in the class. No late submissions will be accepted.

Question 1.

If you were to start a sole trading concern what type of business would you start up and how would you run the organization. Write your narrative with minimum 300 words.

Question 2.

Your friend has invited you to open a restaurant on a partnership basis at a very good location at Jhamshikhel. The land and restaurant building belongs to your friend. What type of restaurant would you open up and what type of term and condition would you have with your partner? Write your partnership agreement with minimum 12 points of understanding.

Question 3.

You have been given Rs. 50,00,000/- by your father to invest in a joint stock company. What are the 10 things that you would see before investing in that company? What type of joint stock company would you prefer and why?