

HOME WORK

ACCOUNTANCY

1. Draw flow chart for the following a)Levy of GST b)Reversal of GST.

2. Journalise the following transactions in the books of Shiv Enterprises, Delhi:

(a) Purchased goods from Shyam & Co., Delhi of list price Rs. 25,000 at 20% trade discount and 3% cash discount on value of goods. Paid CGST and SGST @ 6% each. Payment was made immediately and availed cash discount.

(b) Purchased goods from Sunder Agencies, Delhi of list price Rs.20,000 at 25% trade discount and 2% cash discount. Paid CGST and SGST @ 6% each. 50% of the payment was made immediately.

(c) Purchased goods from Rama & sons, Delhi of list price Rs.50,000 at 20% trade discount and 3% cash discount. Paid CGST and SGST @ 6% each. 75% of the payment was made immediately by cheque.

(d) Sold to Ramesh & Co., Chandigarh goods of list price Rs.40,000 at 15% trade discount and 3% cash discount on value(Cost) of goods. Charged IGST @ 12% . Ramesh & Co., paid the full amount by cheque and availed cash discount.

(e) Sold goods of list price Rs.50,000 less 20% trade discount. Charged IGST @ 12% cash discount allowed @ 2% against cheque payment.

3. Pass journal entries for the following transactions (with GST):

i) Goods taken by Proprietor for personal use.

ii) Goods given as charity.

iii) Distribution of goods as samples.

iv) Loss of stock by Theft / Fire / Samples.

v) Purchase and Sale of Fixed assets.

4. Aishwarya of Mumbai started business on 1st on 1st April,2018 with Machinery of Rs.4,00,000 and furniture of Rs.1,00,000.She purchased these assets from Mumbai andpaid by cheque from his Savings account. He introduced capital of Rs.1,00,000 in cash. Journalise the following transactions for the month of April, prepare the Ledger, Trial balance and Balance sheet.

DATE 2018	PARTICULARS	AMOUNT (RS.)
April 1	Purchased goods for cash from Ram, Mumbai	55,000

April 4	Purchased goods from Naresh, Gurugram (Haryana)	40,000
April 6	Sold goods for cash	70,000
April 12	Cash deposited into bank*	80,000
April 14	Purchased machinery costing Rs.10,000 for cash	
April 15	Sold goods to Ganga Bros., Mumbai	30,000
April 16	Returned goods to Naresh	2,000
April 18	Paid Naresh by cheque *	20,000
April 20	Withdrawn from bank for personal use*	10,000
April 25	Received cheque from Ganga Bros. and deposited into bank*	20,000
April 28	Paid salary for the month of April*	10,000
April 30	Received bank interest*	400
April 30	Purchased stationery for cash	1,000

CGST and SGST is levied @ 6% each on intra-state transactions and 12% on inter-state transactions except transactions marked (*).

BUSINESS STUDIES

The students are required to visit any one of the following:

- 1) A Departmental store.
- 2) An Industrial unit.
- 3) A Fast food outlet.
- 4) Any other organisation.

Students are required to observe the application of General Principles (14) of management advocated by Henry Fayol and submit a report .

ECONOMICS

1.Holiday homework for economics- project work on GST and DEMONETISATION

PHYSICAL EDUCATION

1. What do you understand by Seeding?
2. What do you mean a Bye?
3. Define Planning?
4. Explain any two objectives of intramurals?
5. Briefly explain any two objectives of extramural?
6. Explain the procedure of placement of teams in each quarter on knock-out basis?
7. What do mean by Knock-out Tournament? Draw the fixture of 21 teams on knock-out basis?
8. What do mean by Knock-out Tournament? Discuss the advantages and disadvantages of knock-out tournament?
9. What do you mean by Specific Sports Programmes? Explain about health runs and run for unity in detail?
10. What is a league tournament? Draw a fixture of six teams using round robin method?
Discuss the pre, during and post responsibilities of committees?
11. What do you mean by balanced diet?
12. Define balanced diet?
13. Define health weight?
14. What do you mean by food myths? Briefly explain about four food myths?
Briefly mention about nutrition during competition?
15. What do you mean by macronutrients? Explain about any four macronutrients?
16. What do you mean by non-nutritive components of diet? Explain various non-nutritive components in brief?

CLASS XII SUB: MATHEMATICS

1. Consider $f: R_+ \rightarrow [-9, \infty)$ given by $f(x) = 5x^2 + 6x - 9$. Prove that f is invertible with $f^{-1}(y) = \frac{\sqrt{5y+54}-3}{5}$.
2. Determine whether the relation R on the set of real numbers R as $R = \{(a, b): a, b \in R \text{ and } a - b + \sqrt{3} \in S, \text{ where } S \text{ is the set of irrational numbers}\}$ is reflexive, symmetric and transitive.
3. A function $f: N \rightarrow N$ given by $f(x) = x^2 + x + 1$. Check whether the function is injective.
4. If $f(x) = x + 7$ and $g(x) = x - 7$, find $(f \circ g)(7)$.
5. Using elementary transformations, find the inverse of the matrix

$$\begin{pmatrix} 1 & 2 & 3 \\ 2 & 5 & 7 \\ -2 & -4 & -5 \end{pmatrix}$$

6. Using properties of determinants, prove that

$$\begin{vmatrix} b+c & a-b & a \\ c+a & b-c & b \\ a+b & c-a & c \end{vmatrix} = 3abc - a^3 - b^3 - c^3$$

7. Using matrix method, solve the following system of equations

$$x + y + z = 3 ; x - 2y + 3z = 2; 2x - y + z = 2$$

8. If a, b, c are positive and are the p^{th}, q^{th} and r^{th} terms of G.P, then

$$\text{Show that } \begin{vmatrix} \log a & p & 1 \\ \log b & q & 1 \\ \log c & r & 1 \end{vmatrix} = 0$$

9. If points $(2,0), (0,5),$ and (x,y) are collinear, show that $\frac{x}{2} + \frac{y}{5} = 1$

$$10. \text{ Prove that } \begin{vmatrix} a & b & ax+by \\ b & c & bx+cy \\ ax+by & bx+cy & 0 \end{vmatrix} = (b^2 - ac)(ax^2 + 2bxy + cy^2)$$

ENGLISH CLASS- XII

Q1.NOTE MAKING AND SUMMARY. (Do in a ruled sheet)

Choose any 3 comprehension passages and do note making and summary. (Follow and stick to the format and the rules taught in the class.)

Q2.Read the newspaper daily and cut samples of the following:-

- a. Reports
- b. Articles
- c. Posters
- d. Classified advertisements

Paste them neatly in the writing skills section for reference.

Q3. Write a report in 120-150 words on any place that you have visited in your summer holidays