

INTERNATIONAL INDIAN SCHOOL, DAMMAM
SUMMER ASSIGNMENT '17
STD XI {GSS}

ENGLISH

Prepare a colourful A4 size Booklet on the following novels:

- **The Canterville Ghost** by Oscar Wilde
- Any **One** novel by either **Charles Dickens** or **Jane Austen**

The Booklet should have :

- Apt colourful cover page
- Author Biography
- Summary of the Novel
- Character Sketches
- Appropriate pictures / illustrations

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HOLIDAY ASSIGNMENT

Subject : Mathematics

Class : XI

SETS

1. If $A = \{1, 2, 3\}$, find Power set of A.
2. If A and B are two sets such that $n(A) = 20$, $n(A \cup B) = 42$ and $n(A \cap B) = 4$, find $n(A)$ and $n(A - B)$.
3. If R is the set of real numbers and Q is the set of rational numbers, then what is $R - Q$?
4. If A and B are two sets then represent $(A - B)'$ using venn diagram.
5. If $n(U) = 700$, $n(A) = 200$, $n(B) = 300$, $n(A \cap B) = 100$ find $n(A' \cap B')$.
6. If A and B are two sets such that $n(A - B) = 20 + x$, $n(B - A) = 3x$ and $n(A \cap B) = x + 1$. Draw a Venn diagram to illustrate their information. If $n(A) = n(B)$, find (i) the value of x. (ii) $A \cup B$.
7. If $A = \{x: x \in \mathbb{N}, 1 \leq x \leq 6\}$, $B = \{x: x \in \mathbb{N}, 3 \leq x \leq 8\}$, $C = \{x: x \in \mathbb{N}, 5 \leq x \leq 10\}$ then verify that (i) $A - (B \cap C) = (A - B) \cup (A - C)$ (ii) $A \cap (B - C) = (A \cap B) - B \cap C$
8. If $U = \{1, 2, 3, 4, 5, 6, 7, 8, 9\}$, $A = \{1, 2, 3, 4\}$, $B = \{2, 4, 6, 8\}$, verify that (i) $(A \cup B)' = A' \cap B'$ (ii) $(A' \cup B)' = (A \cap B)'$
9. In a survey of 100 students, the number of students studying the various languages were found to be : English only 18 , English but not Hindi 23, English and Sanskrit 8, English 26, Sanskrit 48, Sanskrit and Hindi 8, no language 24. Find (i) How many students were studying Hindi ? (ii) How many students were studying English and Hindi?
10. A survey of 500 television viewers produced the following information ; 285 watch foot ball, 195 watch hockey, 115 watch basketball, 45 watch football and basetball, 70 watch football and hockey, 50 watch hockey and basketball, 50 do not watch any of the three games. How many watch all the three games? How many watch exactly one of the three games.

RELATIONS AND FUNCTIONS

11. Let $R = \{(x, y) : x, y \in \mathbb{N}, x + 3y = 22\}$. Write R and also find its domain and range.
12. Let $R = \{(x, y) : x, y \in \mathbb{N}, 2x + y = 9\}$. Write R in roster form. Depict the relation by an arrow diagram. Hence find its domain and range. Is R a function? Justify

13. Write the relation $R = \{(x, x+1): x \text{ is an odd natural number less than } 10\}$ in roster form.

14. If $A = \{1, 2\}$, $B = \{1, 2, 3\}$, $C = \{1, 5, 7\}$, and $D = \{2, 4, 7\}$. Verify that

(i) $(A \times B) \cap (C \times D) = (A \cap C) \times (B \cap D)$

(ii) $A \times (B - C) = (A \times B) - (A \times C)$

15. If $A = \{5, 6\}$, Find $A \times A \times A$

16. If $f(x) = 5x+3$, ($x \neq \frac{5}{4}$). Show that $f(f(x))$ is an identity function.

17. Find the domain and range of the functions

(i) $f(x) = -x^2$ (ii) $f(x) = \frac{x^2-9}{x-3}$ (iii) $f(x) = \frac{x^2-4}{x+2}$

(iv) $f(x) = \frac{4-x}{x-4}$ (v) $f(x) = \frac{x-2}{3-x}$ (vi) $f(x) = \frac{|x-4|}{x-4}$

(vii) $f(x) = \frac{1}{\sqrt{x-5}}$ (viii) $f(x) = \sqrt{25-x^2}$

18. Draw the graph of the following functions

(i) $f(x) = x^2 - 2$ (ii) $f(x) = |x + 3|$ (iii) $f(x) = -x^2$

(iii) $f(x) = x^2 + 3$ (v) $f(x) = |x - 2|$ (vi) $f(x) = -|x|$

TRIGONOMETRY

Prove the following

19. $\tan 7A - \tan 5A - \tan 2A = \tan 7A \tan 5A \tan 2A$

20. $\frac{\sin 5x - 2 \sin 3x + \sin x}{\cos 5x - \cos x} = \frac{1}{\cot x}$

21. $\frac{\sin^2 A - \sin^2 B}{\sin A \cos A - \sin B \cos B} = \tan(A + B)$

22. $\sin^2 A + \sin^2(A + \frac{\pi}{2}) + \sin^2(A - \frac{\pi}{2}) = \frac{3}{2}$

23. $2(b \cos^2 \frac{C}{2} + c \cos^2 \frac{B}{2}) = a + b + c$

24. $\tan 75^\circ + \cot 75^\circ = 4$

25. $\frac{\cos A}{a} + \frac{\cos B}{b} + \frac{\cos C}{c} = \frac{a^2 + b^2 + c^2}{2abc}$

26. $\frac{\cos 11^\circ + \sin 11^\circ}{\cos 11^\circ - \sin 11^\circ} = \tan 56^\circ$

27. $\tan \frac{A-B}{2} = \frac{a-b}{a+b} \cot \frac{C}{2}$

28. Evaluate $\sqrt{2 + \sqrt{2(1 + \cos 4\theta)}}$

29. If $\tan \theta = \frac{a}{b}$, Prove that $b \cos 2\theta + a \sin 2\theta = b$

30. If the angles of a triangle are in the ratio 1 : 2 : 3, show that the corresponding sides are in the ratio $1 : \sqrt{3} : 2$

31. Find the general solutions of

- (i) $\tan^2 x + (1 - \sqrt{3}) \tan x - \sqrt{3} = 0$
- (ii) $2 \cos^2 x = 3(1 - \sin x)$
- (iii) $\sin \theta + \sin 2\theta + \sin 3\theta + \sin 4\theta = 0$
- (iv) $2 \tan x - \cot x + 1 = 0$

32. If $\frac{a+ib}{c+id} = x+iy$, then prove that $x^2 + y^2 = \frac{a^2 + b^2}{c^2 + d^2}$.

33 Find the values of x and y if $\frac{(1-i)x-2i}{3+i} + \frac{(2-3i)y+i}{3-i} = i$

34. Convert in to polar form. (a) $\frac{-16}{1+i\sqrt{3}}$ (b) $z = 4\sqrt{3} + 4i$

35. Find $\sqrt{-5+12i}$

36. Solve (a) $-x^2 + x - 2$. (b) $17x^2 - 28x + 12 = 0$

37. Solve the following system of inequalities.

- a). $x + y \geq 1, 7x + 9y \leq 63, x \leq 6, x \geq 0, y \geq 0$
- b) $3x + 2y \geq 24, 3x + y \leq 15, x \geq 4$
- c) $2x + y - 3 \geq 0, x - 2y + 1 \leq 0, y \leq 3$
- d) $2x + y \geq 8, x + 2y \geq 8, x + y \leq 6$.

38. Prove by mathematical induction that for $n \in N$:

$$\frac{1}{1.3} + \frac{1}{3.5} + \frac{1}{5.7} + \dots + \frac{1}{(2n-1)(2n+1)} = \frac{n}{2n+1}$$

39. Prove that for $n \in N$, $10^n + 3.4^{n+2} + 5$ is divisible by 9.

40. P.T $1.3 + 3.5 + 5.7 + \dots + (2n-1)(2n+1) = \frac{4(4n^2 + 6n - 1)}{3}, n \in N$

HOLIDAY ASSIGNMENT

PHYSICS

CLASS – X1

CHAPTER – 6. WORK, ENERGY AND POWER.

Write short notes on different forms of energy.

Chemistry

CLASS XI

HOLIDAY ASSIGNMENT

2017 -18

Prepare notes on Environmental Chemistry

SUMMER HOLIDAY ASSIGNMENT

BIOLOGY XI

1. Structural Organisation of Cockroach
2. Epithelial tissue , connective tissue , muscular tissue and neural tissue
(explanation with diagrams)
3. Diagrams of (a) human eye (b) human brain (c) human kidney
(d) human heart (e) aestivation and placentation in plants
- 4 . Mineral nutrition
5. Record work to be completed as per discussed in class .

SUMMER HOLIDAY ASSIGNMENT 2017-'18

CLASS - XI MARKETING

PROJECT : I

Students are required to conduct a market survey for the product –Shampoo, which is available under different brands through household enquiries in the local area. (Questionnaire provided)

PROJECT : II

Students are required to conduct a market survey to check the buying motive of consumers for mobile phones as regards price and quality. (Questionnaire provided)

Presentation and submission of the project report

Following essentials are required to be fulfilled for its preparation and submission :

- * Survey should be conducted with minimum 10 households (consumers) each.
- * The total project should be in a file format, consisting of the findings.
- * The project should be handwritten.
- * The project should be presented in a neat spiral bound folder. (20- 25 pages).
- * The project report should be developed in the following sequence:-
 - Cover page should project the title, student information, school and year.
 - Certificate
 - List of contents
 - Acknowledgement and preface (Acknowledging the institution, the newspapers read, TV channels viewed, places visited and persons who have helped)
 - Introduction
 - Topic with suitable heading
 - Planning and activities done during the project, if any
 - Analysis of the survey
 - Observations and findings while conducting the project
 - Photographs
 - Appendix, if needed

Last date for submission of both the projects : 24th September 2017

PROJECT – I Market Survey for Shampoo

Personal details of the consumer

Name:	Sex :	Age :
Occupation :	Monthly income :	

1	Which brand of shampoo did you buy recently? * Dove * Himalaya * Head & Shoulders * Sunsilk * Herbal Essences * Pantene * Any other (specify) : _____
2	Are you buying the product for the first time? * Yes * No
3	If “Yes”, how was your first experience? * Excellent * Good * Fair * Poor
4	How long have you been using this product? * Less than a month * 1 to 6 months * 6 months to 1 year * More than 1 year
5	Which brand were you using before this? _____
6	Reasons for switching off to this brand (if any). _____
7	Are you using this shampoo to target any specific problem? * Dandruff * Hair loss * Oily hair * Split ends * Frizzy & dry hair * Any other problem

PROJECT – II Market Survey for Mobile Phone

Personal details of the consumer

Name:	Sex :	Age :
Occupation :	Monthly income :	

1	Which brand of mobile phone did you purchase? * Sony * Lenovo * Samsung * Apple * Blackberry * Any other (specify) _____
2	Why did you purchase this brand? * Popularity * Loyalty * Status
3	How did you come to know about the product? * TV * Newspaper / Magazines * Internet * Through friends
4	Which brand were you using before the present one? _____
5	Reasons for switching over to a new brand, if any _____
6	While buying this product, which feature attracted you the most? * Product design * Product features * Price * Any other (specify) _____
7	Where did you purchase this product from? * Retail shop * Showroom

8	<p>Overall, how satisfied are you with this product?</p> <ul style="list-style-type: none"> * Extremely satisfied * Satisfied * Not satisfied
9	<p>Compared to other products (brands) that are available would you say the product is</p> <ul style="list-style-type: none"> * Much better * A little better * The same * Worse
10	<p>Will you use this product again?</p> <ul style="list-style-type: none"> * Definitely * Probably * May be * Never
11	<p>Would you recommend this product to others?</p> <ul style="list-style-type: none"> * Yes * No
12	<p>Based on your experience with the product, how likely are you to buy this product again?</p> <ul style="list-style-type: none"> * Extremely likely * Somewhat likely * Very likely
13	<p>If you have contacted the consumer service for your product, were all your problem resolved to your complete satisfaction?</p> <ul style="list-style-type: none"> * Yes (if contacted customer service) * No
14	<p>What would you like to tell the company about your satisfaction with the product, other than what is asked in this survey? If yes, specify</p> <hr/> <hr/>

Name and class of the student conducting the survey

Name :

Class :

	* Online
8	Reasons for purchasing the product * Replacing the old one * As a gift * Any other _____
9	What price did you pay for this product? _____
10	Did you use any coupon or receive discount of any kind? * Yes * No
11	Will you give a brief description of the reasons for choosing this brand (on the basis of price and quality) _____ _____
12	How was your overall purchasing experience? * Excellent * Good * Fair * Poor
13	Are you satisfied with the product? * Yes * No
14	Did the price and quality meet your expectations? * Yes * No
15	How will you rate the overall value of this product? * Excellent * Good * Fair * Poor
16	Any features that you would like to suggest in this product. _____
17	Your contact address:- _____

Name and class of the student conducting the survey

Name :

Class :

Class XI - Business Studies

Summer Holiday Assignment – July'17

Identify the following in the departmental store you visited & prepare a detailed project report

- a) Different departments and their layout
- b) Nature of products offered for sale
- c) Display of fresh arrivals
- d) Promotional campaigns
- e) Space and advertisements
- f) Assistance by sales personnel
- g) Billing counter at the store – cash, credit card / debit card, swipe facility
- h) Added attractions at billing counter
- i) Additional facilities offered to customers
- j) Any other relevant aspect

Presentation and submission of the project report

Following essentials are required to be fulfilled for its preparation and submission.

1. The total project will be in a file format, consisting of the findings.
2. The project will be handwritten.
3. The project will be presented in a neat folder.(20-25 pages)
4. The project report will be developed in the following sequence;
 - Cover page should project the title, student information, school and year.
 - List of contents.
 - Acknowledgements and preface (Acknowledging the institution, the newspapers read, TV channels viewed, places visited and persons who have helped)
 - Introduction
 - Topic with suitable heading.
 - Planning and activities done during the project, if any.
 - Observations and findings while conducting the project.
 - Conclusions (summarized suggestions or findings, future scope of study)
 - Appendix, if needed.

The project to be submitted on or before 10th Sep'17

Sheena Saluja

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SUMMER HOLIDAY ASSIGNMENT 2017- '18

CLASS : XI

ECONOMICS

PROJECT

Topic – “Changing Consumer Awareness amongst Households”

Students are required to make a project on any 4 consumer goods. .

Presentation & Submission of the Project

The following essentials are required:-

- Survey should be conducted with minimum 8 households (include questionnaire)
- Project should be in a file
- Project should be hand written
- It should be presented in a neat spiral bound folder (20 – 25 pages)
- The project should be developed in the following sequence –
 - # Cover page should project the title, student information, school and year
 - # List of contents
 - # Acknowledgement and preface (Acknowledging the institution, the newspaper read, TV Channels viewed, places visited and persons who have helped)
 - # Introduction
 - # Topic with suitable headings
 - # Activities done during the project, if any
 - # Analysis of your survey
 - # Use various statistical tools like diagrams, numerical, graphs, pictures etc.
 - # Student's own views

Last date for submission of project: **26th September 2017**

Jamy John Joseph
5/7/2017

HOLIDAY ASSIGNMENT (COMPUTER SCIENCE)
CLASS XI
PROGRAMMING METHODOLOGY (Refer text book)
(Neatly hand written copy should be submitted)

1. Why a program should have good presentation style?
2. What are the different stylistic guidelines in program development?
3. What is the role of comments and indentation in a program?
4. What is a prologue?
5. What is free formatting?
6. What is pretty printing?
7. What is Echo printing?
8. What are the characteristics of a good program?
9. What are the different stages of program development?
10. What do you mean by source code and object code?
11. What is meant by Robustness?
12. What is meant by Guard code?
13. What is a bug?
14. What are the different types of errors?
15. What are the different types of compilation errors?
16. What are run time errors?
17. What are logical errors? Why logical error harder to locate?
18. What is known as Exception?
19. What is Exception Handling?
20. Mention the different steps you would follow while writing a program.
21. What is meant by an algorithm?
22. What is testing?
23. What is debugging?
24. What are general debugging methods?
25. What is program verification?
26. What are the different methods developed for program verifications?
27. What are different methods developed for program testing?
28. What is program documentation?
29. What is mean by program maintenance?
30. What are the different types of maintenance?
31. What is modularity in programming?

INTERNATIONAL INDIAN SCHOOL, DAMMAM

Girls Secondary Section

Holiday Assignment

Informatics Practices - Class XI

Students are required to develop a project using Java Netbeans and MySQL. The project should be an application in any one of the following domains : e-Governance/e-Business/e-Learning (with GUI front-end and corresponding back-end).

INTERNATIONAL INDIAN SCHOOL, DAMMAM

Girls Secondary Section

Holiday Assignment

POLITICAL SCIENCE - Class XI

Students are required to make a POWERPOINT PRESENTATION (PPT)

OR A BOOKLET for ANY ONE of the following topics.

- a. Election and Representation
- b. Constitution as a Living Document
- c. Judiciary
- d. Peace
- e. Development

HOLIDAY ASSIGNMENT (2017-18)

CLASS XI

SUBJECT- PSYCHOLOGY

Chapter 1 tells you about several professions in the field of Psychology. Contact a Psychologist who fits into one of the categories and interview the person. Have a list of questions prepared beforehand. Possible questions could be :

1. What kind of Education is necessary for your job?
2. Which college /University would you recommend for the study of this discipline?
3. What are the different jobs available today in your area of work?
4. What would a typical day at work be like for you?
5. Would you mind if I ask you to share your experience with your client?
6. What motivated you to enter this line of work?

Write a report of your interview and include your specific reactions. Please draw the cover page to mention the field of Psychology, the name of the interviewer and the interviewee. Kindly submit your assignment by 18th September 2017.

HOLIDAY ASSIGNMENT (2017-18)

CLASS XI

SUBJECT- PSYCHOLOGY

Chapter 1 tells you about several professions in the field of Psychology. Contact a Psychologist who fits into one of the categories and interview the person. Have a list of questions prepared beforehand. Possible questions could be :

7. What kind of Education is necessary for your job?
8. Which college /University would you recommend for the study of this discipline?
9. What are the different jobs available today in your area of work?
10. What would a typical day at work be like for you?
11. Would you mind if I ask you to share your experience with your client?
12. What motivated you to enter this line of work?

Write a report of your interview and include your specific reactions. Please draw the cover page to mention the field of Psychology, the name of the interviewer and the interviewee. Kindly submit your assignment by 18th September 2017

POWER POINT PRESENTATION

1. Origin of the universe [4 theory]
2. Our solar system
3. Evolution of earth
4. Earthquake: Effects and Mitigation
5. Volcanoes: Types and Volcanic landforms
6. Continental Drift theory
7. Plate tectonic theory and Movement of Indian plate
8. Minerals classification and characteristic
9. Rocks: types: rock cycle
10. Weathering: types- physical: chemical: biological
11. Mass movements
12. Soil: soil formation process
13. Action of running water [Erosional landforms]
14. Action of running water [Depositional features]
15. Action of underground water [Erosional and Depositional]
16. Action of Glaciers [Erosional and Depositional]
17. Action of Waves and currents [Erosional and Depositional]
18. Action of wind [Erosional and Depositional]
19. Atmosphere composition and layers
20. Solar radiation [Heat Budget]
21. Planetary wind system
22. Tropical and extra tropical cyclones
23. Evaporation Condensation and Types of clouds
24. Precipitation: Types
25. Global warming
26. Hydrological cycle and Relief of ocean floor
27. Tides: types of tides
28. Types of Geo system
29. Biodiversity: types conservation of Biodiversity
30. Tornadoes, Thunderstorms etc.
31. Interior of the earth

CLASS XI HOLIDAY ASSIGNMENT 2017 - 2018

ACCOUNTING EQUATION

1. Prepare accounting equation from the following transactions

a. Started business with capital Rs. 1,00,000
b. Bought furniture Rs. 25,000
c. Bought goods for cash Rs. 20,000
d. Bought goods from Ram Rs. 5,000
e. Sold goods for cash for Rs. 15,000
f. Sold goods to Shyam Rs. 8,000
g. Paid cash to Ram Rs. 4,000
h. Received cash from Shyam Rs. 5,000
i. Paid Cash into Bank Rs. 25,000
j. Withdrawn from bank Rs. 10,000

2. Prepare accounting equation from the following transactions

a. Commenced business with a Capital of Rs. 50,000
b. Bought Machinery for cash Rs. 10,000
c. Purchased goods for cash Rs. 15,000
d. Purchased goods from A Rs. 5,000
e. Sold goods for cash Rs. 10,000
f. Paid to A Rs. 2,000
g. Sold goods to B Rs. 3,000
h. Paid into Bank Rs. 6,000
i. Paid to A by cheque Rs. 1,000
j. Received from B a cheque for Rs. 2,000

**JOURNAL 3. Mr. Nirmal has the following transactions in the month of April.
Write Journal Entries for the transactions.**

10th April:	Commenced business with a capital of Rs. 1,00,000
11th April:	Purchased goods from Veeru for Rs. 20,000
13th April:	Purchased Goods for Cash Rs. 15,000
14th April :	Purchased Goods from Abhiram for cash Rs. 9,000
16th April :	Bought Goods from Shyam on credit Rs. 12,000
17th April :	Sold goods worth Rs. 15,000 to Tarun
19th April :	Sold goods for cash Rs. 20,000
20th April :	Sold goods to Utsav for cash Rs. 6,000
21st April :	Sold goods to Pranav on credit Rs. 17,000
22nd April :	Returned goods to Veeru Rs.3,000
23rd April :	Goods returned from Tarun Rs. 1,000
25th April :	Goods taken by the proprietor for personal use Rs. 1,000
26th April :	Bought Land for Rs. 50,000
27th April :	Purchased machinery for cash Rs. 45,000
28th April :	Bought computer from Intel Computers for Rs. 25,000
28th April :	Cash sales Rs. 15,000
29th April :	Cash purchases Rs. 22,000
30th April :	Bought furniture for proprietor's residence and paid cash Rs. 10,000

4. Journalise the following transactions in the books of Rama & Sons

3rd May :	Cash deposited into bank Rs. 60,000
4th May :	Loan given to Bhuvan Rs. 20,000
4th May :	Paid cash to Veeru Rs. 20,000
5th May :	Paid to Veeru by cheque Rs. 15,000
5th May :	Cash received from Tarun Rs. 12,000
5th May :	Took loan from Anush Rs. 15,000
6th May :	Cheque received from Pranav Rs. 15,000
6th May :	Paid to Intel Computers by cheque Rs. 17,000
6th May :	Withdrew from bank Rs. 5,000
7th May :	Withdrew from bank for office use Rs. 8,000
7th May :	Cash received from Bhuvan on loan account Rs. 10,000
8th May :	Withdrew from bank for personal use Rs. 1,000
8th May :	Cash taken by proprietor for personal use Rs. 3,000
9th May :	Bought furniture and paid by cheque Rs. 15,000
9th May :	Paid to Anush by cheque on loan account Rs. 5,000
9th May :	Brought additional capital of Rs. 25,000

5. Write journal entries in the books of Chikky & Bros.

10th June :	Paid wages Rs. 12,000
11th June :	paid rent by cheque Rs. 10,000
13th June :	Paid salary to Mr. Charan Rs. 12,000
14th June :	Purchased stationery from Kagaz & Co. and paid by cheque Rs. 5,000
15th June :	Received interest Rs. 14,000
17th June :	Received commission by cheque Rs. 6,000
18th June :	Rent received from Mr. Mody Rs. 8,000
19th June :	Interest received from Mr. Bijju by cheque Rs. 10,000
20th June :	Carriage paid on purchase of goods Rs. 3,000
22nd June :	Carriage paid on sale of goods Rs. 2,000

LEDGER

**6. Mr. Ramu has the following transactions in the month of July.
POST THE FOLLOWING TRANSACTIONS IN LEDGER**

July 1st :	Ramu started business with a capital of Rs. 75,000
1st :	Purchased goods from Manu on credit Rs. 25,000
2nd :	Sold goods to Sonu Rs.20,000
3rd :	Purchased goods from Meenu for cash Rs. 15,000
4th :	Sold goods to Tanu for cash Rs. 16,000
5th :	Goods returned to Manu Rs. 2,000
6th :	Bought furniture for Rs.15,000
7th :	Bought goods from Zenu Rs. 12,000
8th :	Cash paid to Manu Rs. 10,000
9th :	Sold goods to Jane Rs. 13,500
10th :	Goods returned from Sonu Rs. 3,000
11th :	Cash received from Jane Rs. 5,500
12th :	Goods taken by Ramu for domestic use Rs. 3,000
13th :	Returned Goods to Zenu Rs. 1,000
14th :	Cash received from Sonu Rs. 12,000
15th :	Bought machinery for Rs. 18,000
16th :	Sold furniture for Rs. 1,000
17th :	Cash paid for the purchase of bicycle for Ramu's son Rs. 1,500
19th :	Cash sales Rs. 15,000
20th :	Cash purchases Rs.13,500

**7. POST THE FOLLOWING TRANSACTIONS IN LEDGER IN BOOKS OF
MOON**

Aug 10th :	Moon commenced business with a capital of Rs. 1,50,000
11th :	Cash deposited into bank Rs. 50,000
12th :	Bought equipment for Rs. 15,000
13th :	Bought goods worth Rs. 20,000 from Star and payment made by cheque
14th :	Sold goods to Sun for Rs. 15,000 and payment received through cheque
16th :	Paid rent by cheque Rs. 5,000
17th :	Took loan from Mr. Storm Rs. 25,000
18th :	Received commission from Mr. Air by cheque Rs. 5,000
19th :	Wages paid Rs. 15,000
20th :	Withdrew from bank for personal use Rs. 3,000
21st :	Withdrew from bank for office use Rs. 10,000
22nd :	Bought goods for Rs. 25,000
23rd :	Cash paid into bank Rs. 30,000
24th :	Interest paid through cheque Rs. 2,000
25th :	Gave loan to Mr. Wind Rs. 10,000
26th :	Amount paid to Mr. Storm on loan account Rs. 15,000
27th :	Salary paid to Manager Mr. Liquid Rs. 5,000
28th :	Postage paid Rs. 1,000
29th :	Received cheque from Mr. Wind on loan account Rs. 3,000
30th :	Sold equipment for Rs. 2,000

TRIAL BALANCE

8. Record the following transactions in the Journal and post them into ledger and prepare a Trail Balance

Oct 1st :	Neel started business with a capital of Rs. 80,000
3rd :	Bought goods from Karl on credit Rs. 20,000
4th :	Sold goods to Tarl Rs.25,000
5th :	Cash purchases Rs. 25,000
7th :	Cash sales Rs. 15,000
9th :	Goods returned to Karl Rs. 2,000
10th :	Bought furniture for Rs.15,000
11th :	Cash paid to Karl Rs. 12,000
12th :	Goods returned from Tarl Rs. 3,000
14th :	Goods taken by Neel for personal use Rs. 3,000
15th :	Cash received from Tarl Rs. 12,000
16th :	Took loan from Parl Rs. 30,000
17th :	Salary paid Rs. 5,000
18th :	Bought stationery for Rs. 1,000
19th :	Amount paid to Parl on loan account Rs. 18,000
20th :	Interest received for Rs. 4,000

9. Enter the following transactions in the Journal and post them into ledger. From the information obtained prepare a Trail Balance.

Nov 10th :	Mr. Roy started business with Rs.60,000
11th :	Bought furniture from Modern Furniture for Rs. 10,000
12th :	Purchased goods for cash Rs. 15,000
13th :	Purchased goods from B. Sen & Co for Rs.30,000
14th :	Opened a bank account by depositing Rs. 16,000
16th :	Sold goods for cash Rs. 15,000
17th :	Purchased stationery for Rs.1000 from Bharat Stationery Mart
18th :	Sold goods to Zahir Khan for Rs. 10,000
19th :	Bought machinery for Rs. 6,000 and payment made by cheque
20th :	Goods returned by Zahir Khan for Rs. 2,000
21st :	Payment to B.Sen &Co by cheque Rs. 5,000
22nd :	Withdrew from bank for personal use Rs. 3,000
23rd :	Withdrew from bank for office use Rs. 10,000
24th :	Interest paid through cheque Rs. 2,000
26th :	Cheque received from Zahir Khan Rs. 5,000
27th :	Paid electricity bill for Rs. 100
29th :	Cash sales for Rs. 6,000
30th :	Commission received by cheque Rs. 5,000

10. JOURNALISE, POST AND PREPARE TRIAL BALANCE

Oct. 1	Manohar commenced business	1,00,000
2	Purchased goods from Ravi	10,000
4	Sold goods to Gopi	20,000
5	Cash purchases	20,000
6	Cash paid into bank	10,000
7	Paid for salaries	5,000
8	Sold for cash	20,000
9	Bought furniture paid by cheque	2,000
10	Goods returned to Ravi	2,000
12	Bought goods from Sobhan	10,000
14	Cash paid to Ravi	7,800
	Discount received	200
16	Goods returned from Gopi	3,000
17	Deposited cash into bank	10,000
18	Sold goods to Bhuvan	12,000
19	Paid advertisement by cheque	1,000
20	Paid cash to Sobhan	5,000
22	Cash received from Gopi 6,900 Discount allowed to him 100	
25	Received interest through cheque	2,000
28	Goods taken by Manohar for own use	1,000
31	Paid for rent	2,000

11. JOURNALISE, POST AND PREPARE TRIAL BALANCE

Nov. 1	Venkat & Co. commenced business with furniture Rs.25,000	
	Cash Rs. 75,000 and goods Rs 20,000	
2	Sales	10,000
3	Purchases	8,000
5	Sold goods to Mahesh	12,000
6	Bought goods from Ramesh	7,000
9	Sold goods to Kesav for cash	6,000
10	Mahesh returned goods	6,000
11	Commission received	1,000
12	Returned goods to Ramesh	1,500
15	Cash deposited into bank	15,000
16	Bought goods from Suresh	12,000
17	Paid to Ramesh by cheque 4,000 Discount received 200	
19	Withdrew from bank for domestic use	3,000
21	Sold goods to Madhav	9,000
22	Cash received from Mahesh 4,000 Discount Allowed 100	
23	Stationery expenses	500
25	Cash paid to Suresh	3,000
26	Cash received from Madhav	5,000
28	Cash deposited into bank	10,000
30	Paid salaries by cheque	3,000

1. Enter the following transactions in a **THREE COLUMN CASH BOOK** of Mrs. Mahalakshmi. 2012

May 3 Balance of: Cash on hand: Rs. 12000;
Cash at Bank Rs. 10000
5 Bought Goods, for cash, Rs. 8000
6 Received cash from Mohit, Rs. 13000 and allowed discount Rs. 50
8 Paid to Anjan & Co., Rs. 15000 and received discount Rs. 100
10 Withdrew from Bank for personal use, Rs. 3000
10 Sold goods for cash, Rs. 4000
12 Paid into bank Rs.6000
15 Received cheque from Niraj, Rs. 16000
19 Withdrew from bank for office use, Rs. 2500
24 Paid salaries by cheque, Rs. 7500
30 Received cheque for commission Rs. 2000 from Nisha, and paid the same into bank

2. From the following information, prepare a suitable cash book 2012 APRIL

April 01 Cash at hand Rs. 22000
April 2 Cash at Bank Rs. 87000
April 3 Bought goods from Rahim Rs. 73000
April 4 Cash sales deposited with the bank Rs. 73000
April 8 Sold Goods to Das Rs. 8200
09 Received cheque in full settlement of Das's account Rs. 8000
10 Paid to settle Rahim's account Rs. 7000
12 Purchased office furniture by cheque Rs. 3500
13 Bought goods from P K Ghosh Rs. 10400
15 Paid carriages Rs. 200
18 Bank collected dividend Rs. 500
20 Withdrawn from Bank Rs. 2000
25 Paid wages Rs. 1500
27 Paid to P K Ghosh by cheque Rs. 1000

3. PREPARE TRIPLE COLUMN CASH BOOK JULY 1998

July 01 Commenced business with Rs. 100000
2 Paid into bank Rs. 80000
3 Purchased goods by cheque Rs. 30000
4 Paid rent Rs. 150
12 Purchased furniture by cheque Rs. 1800
15 Cash sales Rs. 650
16 Gave Gopal a cheque Rs. 970 (allowed discount by him Rs. 25)
18 Received from Narayan a cheque for Rs. 1500 and he was allowed a discount of Rs. 30
20 Paid into Bank Rs. 1500
25 Paid wages Rs. 60
26 Drew for office use Rs. 400 from Bank
27 Drew for personal use Rs. 400 from Bank
28 Issued a cheque to Mr. Amar Rs. 500
29 Cheque issued to Amar was dishonoured
30 Furniture purchased for resale for cash Rs. 250

4. Prepare a three- column cashbook.2010

Jan 1 Cash in hand 5,000
Jan 1 Bank overdraft 1,000
Jan 2 Paid wages 1,500
Jan 3 Deposited into bank 2,000
Jan 4 Cash sales 7,500
Jan 5 Sold goods for cheque which was deposited in bank on the sameday 5,000
Jan 6 Purchased goods from Shivam on credit 4,000
Jan 7 Drew from bank for personal use 1,000
Jan 8 Paid to Shivam in full settlement 3,500
Jan 9 Received from Ram, who owes Rs. 5,000, Rs. 2,000 only on account

5. Enter the following transactions in Triple column Cash book of RajTraders.2010

Dec 1 Started business with cash 9,000
Dec 1 Deposited in the bank 4,000
Dec 2 Purchased office equipment 1,000
Dec 4 Cash Purchases, issued cheque 2,500
Dec 8 Received cheque from Anuj on account 3,250
Dec 10 Cash sales, received cheque 1,300
Dec 15 Office expenses 275
Dec 25 Office rent paid by cheque 300
Dec 28 Received cheque from Raju and endorsed the same to Rohit 400
Dec 30 Paid advance income tax by cheque 575
Dec 31 Deposited into bank, balance of cash in excess of Rs. 300

6. Enter the following transactions in the TRIPLE COLUMN CASH BOOK 2010

April 1 Balance of cash in hands Rs. 400 , overdraft at bank Rs. 5,000
4 Invested further capital of Rs. 10,000 out of which Rs. 6,000 deposited into the bank
5 Sold goods for cash Rs. 3,000
6 Received from Ghanshyam Rs. 8,000 ; discount allowed to him Rs. 200
10 Purchased goods for cash Rs. 5,500
11 Paid to Ram Vilas ,our creditor, Rs. 2,500; discount allowed by himRs.65
13 Commission paid to our agent Rs. 530
14 Office furniture purchased from Keshav in cash Rs. 200
14 Rent paid Rs. 50
16 Drew cheque for personal use Rs. 850
17 Cash sales of Rs. 2,500.
18 Collection from Atul Rs. 4,000, deposited in the bank on 19 April
19 Drew from the bank for office use Rs. 500.
24 Dividend received by cheque Rs. 50, deposited in the bank on the same day
25 Commission received by cheque Rs. 230, deposited in the bank on 28th April
29 Drew from the bank for salary of office staff Rs. 1,500
29 Paid salary of the manager by cheque Rs. 500
30 Deposited cash in the banks Rs. 1,000

7. Prepare Triple Column Cash Book from the following transactions.2010

Jan 1 Cash at office Rs. 72
Bank overdraft Rs. 1,250
4 Received from Prem Chand a cheque for Rs. 1,875 in full settlement of his account of Rs. 1,900 . The cheque was banked on the same day
5 Bought goods and paid by cheque Rs.500 .
6 Narinder settled his account of Rs. 700 by Cheque . This was banked onthe same day.
9 Paid to Manohar Lal by cheque for Rs. 420 . Discount received Rs.80.
12 Cash sales to date Rs.400 of which Rs.300 were banked.
17 Sold old typewriter for cash Rs.320.
20 Received a cheque for Rs.400 from Naresh in full settlement of hisaccount of Rs.460. The cheque was endorsed to suresh in full settlement of his account of Rs. 420.
25 Received a cheque from Hari Prakash for Rs. 150.
27 Cheque of hari Prakash was endorsed to Raj Prakash. Discountreceived Rs.30.
28 Withdrew from bank for office use Rs. 100 and for personal use Rs .100.
29 Withdrew (from office) for payment of private bills Rs. 425.
30 Paid by cheque salaries Rs. 160 and rent 100
31 Bank Charges as per Pass Book Rs. 5

8. Compile a triple column cash book from the following transactions of Kavita Garments.2010

Feb 1 Cash in Hand Rs. 7,500;
Cash at bank Rs. 8,000.
Feb 2 Discounted a bill receivable for Rs. 6,000 at 2% through bank
Feb 3 Received two cheques from Kalpana each of Rs. 10,000
Feb 4 First cheque received from Kalpana is endorsed to Sunita in fullsettlement of Rs. 10,200. Second cheque is sent to bank for collection
Feb 5 Second cheque received from Kalpana is returned as dishonoured by the bank. The bank has debited our account with Rs. 20 as bank charges on this cheque
Feb 6 Received cheque from sale of old furniture for Rs.1,950 . Cheque isendorsed toa creditor Ramesh in full settlement of Rs. 2,000 due to him
Feb 8 Purchased goods from Mohan on credit for Rs. 8,000
Feb 10 Settled Mohan's account by giving a cheque for Rs.4,000 and cashRs. 3,900
Feb 12 Goods sold to Pawan for Rs. 6,000. He paid the amount in cash immediately after deducting 2 ½ % cash discount
Feb 15 A bill payable fro Rs. 5,000 paid by Cheque
Feb 18 Cash sale to date Rs. 50,000 of which Rs. 40,000 banked .
Feb 20 Paid electric bill of Rs.2,000 for Jan 2003 by cheque . paid rent for Jan 1998 Rs. 1,500
Feb 25 Cash purchases Rs. 5,000 , Issued a Cheque
26 Deposited into bank cash retaining Rs. 7,500

9. Write out the following transaction's in TRIPLE COLUMN CASH BOOK 2010

Jan 1 Champa commences business with Rs. 20,000 in cash
Jan 3 He pays Rs. 19,000 into Bank Current A/c
Jan 4 He receives cheque for Rs. 600 from Riti & co. on account
Jan 10 He pays R & Co. by cheque Rs. 330 and is allowed discount Rs.20
Jan 12 T & Co. pays into his bank A/c Rs. 475
Jan 15 He receives cheque for Rs. 450 from Wasi and allows him discount of Rs. 35
Jan 20 He receives cash Rs. 75 and cheque Rs. 100 for cash sales
Jan 27 He pays by cheque for cash purchases Rs. 275
Jan 30 He pays sundry expenses in cash Rs. 50
Jan 30 He pays S & Co. Rs. 375 in cash and is allowed discount of Rs. 35
Jan 31 He pays office rent by cheque Rs. 200
Jan 31 He draws a cheque for personal use of Rs. 250
Jan 31 He pays staff salaries by cheque Rs. 300
Jan 31 He draws a cheque for office use Rs. 400
Jan 31 He pays cash for stationery Rs. 25
Jan 31 He purchases goods for cash Rs. 125
Jan 31 He pays Pal by cheque for commission Rs. 300
Jan 31 He gives cheque to Saran for cash purchase of furniture for office of Rs. 1,575
Jan 31 He receives cheque for commission Rs. 500 from Rohan & Co.
Jan 31 He receives cheque from K & Co. for Rs. 450