



DBN SR SEC SCHOOL, AJMER

SUMMER HOLIDAY HOMEWORK 2022-23



Dear Students,

Summer Vacation is the most awaited time for both parents and kids. Vacation is the time for the children to explore their myriad interest and indulge in various activities which would lead to their all-round development.

We, at **DBN**, understand it very well. Considering this, we have tried to keep the homework simple, informative, interesting and fun filled.

For you, it may be time to smile and play, Summer Vacations begins from 12th May 2022.

We will miss you at school and wait for the lovely day, When you are back making our days lively and gay. At home, help your mother and have a lot of fun, play indoor games, be in shade, away from the sun. Read a while, don't forget to do a page of writing.

Spread happiness and joy, with no refusal and no fighting.

In accordance with the guidelines of CBSE, we are incorporating integrated project-based learning wherein students will prepare projects for all the subjects based on a common theme. This endeavor has been taken up with the objective of inculcating the approach of integrating diverse subjects or fields and the spirit of collaborative learning. The school has planned a vacation homework in the form of Integrated Project to ensure that every student do not stay out of the learning path.

Wish you all safe and healthy holiday ahead!

Principal



CLASS-XII COMMERCE

Sub-Accountancy

Following Questions must be done in school fair register

- Q 1. Arun and Varun are partners in a firm sharing profits and loss equally . Their capitals on 1st April 2015 were 4,80,000 and 5,40,000. On 1st Oct 2015 they decided that total capital of the firm should be rupees 10,00,000 to be contributed equally by both of them. Interest on capital is allowed to the partners @ of 6% per annum. Compute interest on capital for the year ending 31st March 2016.
- Q 2 . A and B entered into partnership on 1st April 2017 without any partnership deed. They introduced capital of Rs. 5,00,000 and 3,00,000 respectively. On 31st Oct. 2017, an advance of Rs 2,00,000 by way of loan to the firm without any agreement as to interest. The profit and loss A/c for the year ended 31st March 2018 showed a profit of Rs 4,30,000 but the partners could not agree upon the amount of interest on loan to be changed and the base of division of profits. Pass a journal entry for the distribution of the profit between the partners and prepare the capital Accounts of both the partners.
- Q 3. On 1st April 2013 Jay and Vijay entered into partnership and their capital contribution was Rs.80,000 and Rs. 50,000. They agree to share profits in the ratio of 3:2. The partnership deed provided that interest on capital shall be allowed at 9% p.a. During the year the firm earn a profit of Rs. 7,800. Showing your calculations clearly , prepare profit and loss appropriation A/c.
- Q 4. Charu is a partner in a firm . She withdrew the following amounts during the year ending 31st March, 2018.
:-
- | | | | | |
|---------|--------|--|----------|--------|
| May 1 | 20,000 | | Nov.30 | 40,000 |
| July 31 | 10,000 | | Jan. 1 | 20,000 |
| Sep. 30 | 30,000 | | March 31 | 25,000 |
- Interest on drawing is to be charged @ 9 % p.a. Calculate interest on drawings .
- Q 5. Manoj & Mukesh started a partnership firm on 1st January 2016, with a capital of Rs.2000 and Rs.20,0000 respectively. On 1st march 2016, Manoj introduced additional capital of Rs.8000. On that day Mukesh withdraw Rs.6000 from his capital. Murli entered in the firm on 1st July 2016 with a capital of Rs. 30,000. On that day Manoj and Mukesh introduced additional capital of Rs. 12,000 and 10,000 respectively . Profit & loss are distributed in capital ratio. The profit for the year 2016 were Rs.59,600 . Prepare P& L , Appropriation Account by giving detailed calculation.
- Q6. A & B are partners . A entitled to a salary for Rs.15000 p.m. and a comission of 10% of net profit befor charging any commission. B is entitled to a comission of 10% of net profit after charging his commission. Net profit for the year was 4,40,000. Show the distribution of profits.

Do Q N0. 45 to 53 of T S Grewal (2022 Edition) in fair school register

Sub-Business studies

Note : Do the following questions in your fair register

Very short question

- Q1. Which function of management is known as essence of management?
- Q 2.X Ltd. Is using eco friendly method of production. Identify the objective it is trying to achieve .
- Q3. An organization arranged yoga classes for its employees to improve their concentration level. State the objective of management it is trying to achieve.
- Q4. Rohit is a manager of northern division of a large corporate house. At what level does he work in the organization?
- Q5. A manager applies the various theories of management in his unique personalised way. What aspect of nature of management does this statement indicates?

Short answer type question

- Q6. "Management is intangible". Comment.
- Q7. Give the meaning of efficiency and effectiveness
- Q8. Why is management not considered as a full fledged profession like medicine and legal profession?
Explain
- Q9. State any three functions of middle level management
- Q10. List any 2 personal objectives of management

Long answer questions

- Q11. Management is both science and an art. in the light of this statement explained the nature of management.
- Q 12. Describe briefly any five features of management.
- Q 13. Coordination is needed at all level of management. explain this statement

Sub-ECONOMICS

1. Do the exercise questions of the chapter 1&5.
2. Solve the numericals from the chapter 5.
3. Prepare notes in ur own language.

Sub-Music

Q1. Write a biography on any three Hindustani Classical Music Singers whom you know about.

You need to write about each in a A4 size drawing sheet. You may paste a picture too.

Q2. Name any two Hindustani Instrumental players. Write a short note on them. Use Chart sheet for this answer. You may paste pictures and write.

Q3. Write Sargam on a chart sheet in big fonts.

Q4. Which singers do you like the most and why? Use ruled paper to write this answer.

Q5. Which taals are famous ? Write atleast 4 taals on four different A4 size sheet in coloured fonts.

Sub-Physical education

1. 1. Solve Periodic first exam question paper in your Notebook.

2. Complete Lesson-1 in your notebook.

3. Write all skills of Basketball game.

4. Draw a knockout fixture of 21 team.

Sub-English Core

* This work is to be done in group of 4.

1. Prepare a project file on a poet which is prescribed in your syllabus.

Page- 1- Cover page

Page 2-- Acknowledgement

Page 3- Certificate

Page 4- Index

Page 5- About the poet

Page 6- Timeline

Page 7-13- poems by the poet

page 14 -Writing style of the poet page 15- Bibliography

Page 16- List of works done by students with their names

Decorate the file and paste pictures.

2. Make a PPT on the poet.

One of you will explain the PPT in English.

Sub-Mathematics

- 1) PROJECT : Make a project file on the topic Contribution of famous mathematician in the field of mathematics.(10 to 15 pages)
- 2) Prepare a PowerPoint presentation on topic Matrix or Determinants
- 3) Revise and practice chapter 3,4

Sub-Informatics Practices

Q.1. Mr. Ankit is working in an organisation as data analyst. He uses Python Pandas and Matplotlib for the same. He got a dataset of the passengers for the year 2010 to 2012 for January, March and December. His manager wants certain information from him, but he is facing some problems. Help him by answering few questions given below:
Code to create the above data frame:

```
import pandas as #Statement 1
data={"Year":[2010,2010,2012,2010,2012],"Month":["Jan","Mar","Jan","Dec","Dec"]}
,"Passengers":[25,50,35,55,65]}
df=pd. (data) #Statement 2 print(df)
```

- i. Write complete code for statement 1.
- ii. Write complete code for statement 2.
- iii. Write the correct statement/ method for the required output: (5,3)
- iv. He wants to print the details of "January" month along with the number of passengers, Write the statement:
- v. Mr. Ankit wants to change the index of the Data Frame and the output for the same is given below. Write the statement to change the index.

Q.2. A School in Delhi uses database management system to store student details. The school maintains a database 'school_record' under which there are two tables.

Student Table : Maintains general details about every student enrolled in school.

StuLibrary Table : To store details of issued books. BookID is the unique identification number issued to each book.

Minimum issue duration of a book is one Day.

Student	
Field	Type
StuID	numeric
StuName	varchar(20)
StuAddress	varchar(50)
StuFatherName	varchar(20)
StuContact	numeric
StuAadhar	numeric
StuClass	varchar(5)
StuSection	varchar(1)

StuLibrary	
Field	Type
BookID	numeric
StuID	numeric
Issued_date	Date
Return_date	Date

CLASS XII COMMERCE

Write SQL Queries to create these two tables and their relations

Q.3. Write the output of statement 1 to 4

```
import pandas as pd list1=[1,2,3,4,5,6,7,8]
list2=['swimming','tt','skating','kho kho', 'bb', 'chess', 'football','cricket'] school=pd.Series(list1,index=list2)
school.name="little"
print (school*2)#statement 1
print (school.tail(3)) # statement 2
print (school["tt"]) # statement 3
print (school[2:4]) # statement 4
```

CLASS XII COMMERCE

Q4. Write DDL and DML queries with examples as discussed in class XI.

Q5. Complete all back question unsolved from Sumita Arora Chapter -1.(Page no 77 to 84)

Make a computer practical file (preferably classmate) and complete the following experiments

1. Write a python program to create series from different methods
2. Write a python program to create a series from an already existing series
3. Write a python program to demonstrate the use of series indexing and slicing
4. Write a python python program to demonstrate the use of series attribute
5. Write a python python program to add marks of three subject subject vise using series
6. Write a python program to create data frame using multiple methods.