

Mahaveer Public School

Session 2019-20

Holiday Home Work

Class-XII

1. Economics:

- Q.1 What are demand deposits.
- Q.2 Define government budget.
- Q.3 Define externalities. Give example.
- Q.4 Identify the following as revenue expenditure or capital expenditure with reasons-
- (a) Expenditure on tax collection
 - (b) Expenditure on purchasing computers
 - (c) Expenditure on construction of building
 - (d) Expenditure on whitewash of hospital building
- Q.5 What is the significance of 'medium of exchange' function of money.
- Q.6 Define money supply and explain its components.
- Q.7 Does NFIA ever become negative? Give reason.
- Q.8 Calculate National Income-
- | | |
|---|--------|
| (i) Net current transfers to abroad- | (-) 15 |
| (ii) Private final consumption expenditure | 600 |
| (ii) Subsidies . | 20 |
| (iv) Government final consumption expenditure | 100 |
| (v) Indirect tax.... | 120 |
| (vi) Net imports | 20 |
| (vii) Consumption of fixed capital | 35 |
| (vii) Net change in stocks | (-)10 |
| (ix) Net factor income to abroad | 5 |
| (x) Net domestic capital formation | 110 |
- Q.9 Giving reason explain how should the following be treated in estimating GDPmp-
- (a) fee to a mechanic paid by a firm
 - (b) interest paid by an individual on a car loan taken from a bank
 - (c) expenditure on purchasing a car for use by a firm
- Q.10 Define fiscal deficit.
- Q.11 Define CRR.
- Q.12 Explain three precautions of calculating national income by-
- (a) value added method
 - (b) income method
 - (c) expenditure method
- Q.13 Explain the following functions of central bank:
- (a) lender of last resort
 - (b) banker to the government
- Q.14 Why public goods must be provided by government?
- Q.15 How does central bank help in maintaining economic stability in economy.
- Q.16 Solve 20 numericals of each valued added method, income method and expenditure method of calculating national income.

2. Chemistry: 1. Investigatory Project (From the topics given in Practical Book).

2. Complete Practical Record of Chemistry.

3. Accountancy : 1. Do Additional Questions and Missing Figure Questions of Ch 1 and 2 of Part A Volume 1 (Accounting For Partnership Firms)

2. Make the Comprehensive Project as per the guidelines given in the class on A3 sheets.

3. Do the worksheet of Ch 1 Accounting for Partnership Firms – Fundamentals and Ch 2 Change in Profit Sharing Ratio among the Existing Partners.

4. Physical Education: Q.1 Define planning. Explain the objectives of planning.

Q.2 Write about the various committees and their responsibilities.

Q.3 Define terms fixture, bye and seeding. Make a Knock out fixture for 11 teams.

Q.4 What is the meaning of tournament. Draw a Knockout fixture for 27 teams and 21 teams.

Q.5 What is league tournament? Draw a fixture of 9 teams on the basis of league tournament using cyclic method. Explain British method to declare the winner.

Q.6 Explain Intramurals and Extramural with objectives.

Q.7 What do you mean by specific sports programme? Explain Run for Fun and Run for Unity.

5. Business Studies: 1. Business studies project (20 marks).

2. Revision of chapters - 1,2,3,4.

Complete the worksheets in business studies note-book.

6. Computer Science: Consider the tables given below and answer the questions that follow:

Table: **Employee**

No	Name	Salary	Zone	Age	Grade	Dept
1	Mukul	30000	West	28	A	10
2	Kritika	35000	Centre	30	A	10
3	Naveen	32000	West	40		20
4	Uday	38000	North	38	C	30
5	Nupur	32000	East	26		20
6	Moksh	37000	South	28	B	10
7	Shelly	36000	North	26	A	30

Table: Department

Dept	DName	MinSal	MaxSal	HOD
10	Sales	25000	32000	1
20	Finance	30000	50000	5
30	Admin	25000	40000	7

Write SQL commands to:

Create Table

Create the table Employee.

Create the table Department.

Insert data in a table

Insert data in the table Employee

Insert data in the table Department.

Using NULL

1. Display the details of all the employees whose Grade is NULL.

2. Display the details of all the employees whose Grade is not NULL.

Using DISTINCT Clause

1. Display the names of various zones from the table Employee. A zone name should appear only once.

2. Display the various department numbers from the table Employee. A department number should be displayed only once.

Using Logical Operators (NOT, AND, OR)

1. Display the details of all the employees of department 10 who are above 30 years of age.

2. Display the details of all the employees who are getting a salary of more than 35000 in the

3. department 30.

4. Display the names and salaries of all the employees who are not working in department 20.

5. Display the names and salaries of all the employees who are working neither in West zone nor in Centre zone.
6. Display the names of all the employees who are working in department 20 or 30.
7. Display the details of all the employees whose salary is between 32000 and 38000.
8. Display the details of all the employees whose grade is between 'A' and 'C'.
9. Display the details of all the employees aged above 30 in West zone.

Using IN Operator

1. Display the names of all the employees who are working in department 20 or 30. (Using IN operator)
2. Display the names and salaries of all the employees who are working neither in West zone nor in Centre zone. (Using IN operator)

Using BETWEEN Operator

1. Display the details of all the employees whose salary is between 32000 and 38000.
2. Display the details of all the employees whose grade is between 'A' and 'C'.

Using LIKE Operator

1. Display the name, salary, and age of all the employees whose names start with 'M'.
2. Display the name, salary, and age of all the employees whose names end with 'a'.
3. Display the name, salary, and age of all the employees whose names contain 'a'
4. Display the name, salary, and age of all the employees whose names do not contain 'a'
5. Display the details of all the employees whose names contain 'a' as the second character.

Using Aggregate functions

1. Display the sum and average of the salaries of all the employees.
2. Display the highest and the lowest salaries being paid in department 10.
3. Display the number of employees working in department 10.

Using ORDER BY clause

1. Display the details of all the employees in the ascending order of their salaries.
2. Display the details of all the employees in the descending order of their names.
3. Display the details of all the employees in the ascending order of their grades and within grades in the descending order of their salaries.

Using GROUP BY clause

1. Display the total number of employees in each department.
2. Display the highest salary, lowest salary, and average salary of each zone.
3. Display the average age of employees in each department only for those departments in which average age is more than 30.

Using UPDATE, DELETE, ALTER TABLE

1. Put the grade B for all those whose grade is NULL.
2. Increase the salary of all the employees above 30 years of age by 10%.
3. Delete the records of all the employees whose grade is C and salary is below 30000.
4. Delete the records of all the employees of department 10 who are above 40 years of age.
5. Add another column HireDate of type Date in the Employee table.

JOIN of two tables

1. Display the details of all the employees who work in Sales department.
2. Display the Name and Department Name of all the employees.
3. Display the names of all the employees whose salary is out of the specified range for the corresponding department.
4. Display the name of the department and the name of the corresponding HOD for all the departments.

7. **Applied Arts:** Practical :1)The Swacch Bharat Campaign Series to be completed by each student in Co ordination with each other

2) 3 Posters, 3. Illustrations

The finalized ones to be completed along with proper Layouting in Sketch Files

Theory :Pahari School (Learn and Revise)

•Origin and Development

•Main characteristics

•5 Paintings

8. **Physics:** 1 Revise the units 1 &2(Electrostatics and Current Electricity)(Ake notes and solve numerical From NCERT and any Reference Book).

2. Make an Investigatory Project Based on any topic from syllabus(Working/non working Model, file and chart).

9. **Biology** 1. Prepare a project report for practical examination. You can select any topic from practical book or any topic from the text book.

2. You can also select any topic related to biology (XII).

10. English Core:

1. **“What a thunderclap these words were to me!”** What were the words that shocked and surprised the narrator?
2. Whom did M Hamel blame for the neglect of learning on the part of boys like Franz?
3. Franz thinks **“Will they make them sing in German even the pigeons?”** What does this tell us about the attitude of the Frenchman?
4. Mention two things about M Hamel that surprised Franz on his last day of school?
5. How did Evans manage to get blood smeared on his face?
6. Who are the present officers in the end who handcuffed Evans? Why does one of them have a broad Scott accent?
7. Give an account of the blunders committed by the prison authorities which helped Evans in escaping from the prison?
8. Give a character sketch of the Governor of Oxford prison based on your understanding of the story 'Evans tries an O - level'?
9. Explain 'Wan and pale as a late winter's moon' with reference to My mother at Sixty Six.
10. What do the parting words of the poet and her smile signify?
11. Why has the poet brought in the image of the merry children spilling out of their homes?
12. Why are the young trees described as 'sprinting'?
13. You are Rekha/ Parminder, Head boy/ girl of Saint Francis Convent School , Mussoorie. Write a notice in about 50 words announcing the meeting of the literary association to discuss the organization of 'A Writers Meet' in the school.
14. You are Sahil/ Suman living in a village where there is no hospital and no metalled roads it is very difficult to get medical treatment and reach any destination .Write a letter to the minister for 'Rural Development' drawing his attention towards the miserable condition of the villagers. (Word limit 150).
15. The principal of your school wants that you should deliver a speech on the topic 'Don't ask what your country has done for you but ask what you have done for your country'. Prepare the speech in about 150-200 words.
16. Children living in cities are rarely seen playing outdoors in the neighborhood. Being busy with other attractions like the television and computer games they miss the joy of outdoor play .Write an article in about 150-200 words for the magazine 'Kids Talk' highlighting the need and value of outdoor games You are Vidya /Vinod.
17. Define the following literary devices giving two examples of each of them
 - a) Metaphor
 - b) Simile
 - c) Onomatopoeia
 - d) Alliteration
 - e) Personification
 - f) Symbolism
 - g) Transferred Epithet

11. Mathematics : Check the pdf



Mathematics.pdf

for Practice during summer vacations.

☺Happy Holidays☺