

PROJECT WORK : 2018-19**GRADE –X I****PROJECT WORK [SUBMISSION DATE: 2nd JULY, 2018]****ECONOMICS**

[SEQUENCE:- Name, Contents, Acknowledgement, Introduction of Project Work- All the topics to be mentioned, Objectives of Project Work, Detailed matter, Conclusion, Bibliography]

TOPIC I

Write a report in the form of tabular and diagrammatic presentation (bar diagram, pie chart) on the comparison with neighbouring country “China” : using the following indicators :
(a) Unemployment (b) GDP growth (c) GDP per capita and GDP PPP (d) direct foreign investment (e) inflation (f) poverty (for data, you can give reference of SAARC, European Union, ASEAN, G-8, G-20).

TOPIC II

Consumer awareness amongst households through designing a ‘Questionnaire’ and collection of primary data with a file covering following captions: -

- (1) Consumer Movement: A Global History.
- (2) Consumer Protection Act 1986 & It's Features.
- (3) Reasons for Consumer's Exploitation.
- (4) Need for Consumer Protection.
- (5) Importance of Consumer Awareness
- (6) Basic Concepts under the Consumer Protection Act (Consumer, Complaint, Class Complaint, Persons who can file a complaint, period for filing complaint.)
- (7) Rights and Duties of a Consumer.
- (8) Machinery for Redressal of Consumers' Grievances.
- (9) Questionnaire [for at least 20 Customers with their passport size photograph, Signature, Address & Mobile No. And your photograph with the customers in the locality while conducting the survey should be pasted inside the file (Date and time must be mentioned on it) and one passport size photograph in school uniform should be pasted on the cover page of the file.
- (10) Write your findings with Conclusion.

COMMERCE

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TOPIC-I

Contact an insurance agent and collect information about 2 different types of Life insurance policies provided by Life Insurance Corporation or any other different company for an amount of Rs. 1,00,000/-. Include information as per details given below for every insurance plan and make a comparative analysis.

- (1) Premium of insurance.
- (2) Terms of inclusions and exclusions of each policy.
- (3) Term of the policy.
- (4) Withdrawal of money from the insurance scheme(surrender/ foreclosure)
- (5) Advantages/disadvantages of the plan.

Prepare a report on your findings and Give the meaning of Insurance and explain principles of insurance. Your one passport size photograph in school uniform should be pasted on the cover page of the file.

TOPIC-II

Study the BPO and KPO industry in India. Collect newspaper/magazine/internet articles on BPO and KPOs. Explain the position of your country in these industries. Make a Power Point Presentation on it and copy the same in the “Smart Class” for Class-XI.

ACCOUNTS

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Topic I

Preparation of Journal/ Sub-division of journal, Ledger, Trial Balance and Financial Statements of a Trading Organisation on the basis of a Case Study.

- (i) Develop a case study of a sole trader starting business with a certain amount of capital. He could have got the amount from his past savings or by borrowing from a bank by mortgaging his personal assets or by winning a lottery or any other source.

- (ii) Write in detail, his transactions during the year, his purchases- cash and credit, sales-cash and credit, expenses, purchase of fixed assets and depreciation charged on them, any outstanding expenses, prepaid expenses, accrued income, drawing bills of exchange, accepting bills payable, etc.
- (iii) From this case study developed, (which should have at least 15 transactions), pass the journal entries, post them into the ledger, prepare a Trial Balance and the Trading and Profit and Loss Account and Balance Sheet.
- (iv) The Various expenses for comparison purposes could be depicted in the form of bar diagrams and pie charts.

Topic II) Prepare a Bank Reconciliation Statement and Amended Cash Book from the information given in your Cash Book and Bank Statement (Pass Book) with at least fifteen transactions. Your one passport size photograph in school uniform should be pasted on the cover page of the file.

PHYSICS

Select any one for Project Work from the following:

- Topic 1)** Vectors, Scalars and Elementary calculus
- Topic 2)** Work, Energy and Power
- Topic 3)** Properties of Matter
- Topic 4)** Internal Energy and Heat Engines
- Topic 5)** Wave Motion, Sound wave and Superposition of Waves

CHEMISTRY

Choose any one topic and prepare a neat and well presented project:

- Topic 1)** Periodic Table and their significance and limitations.
- Topic 2)** Chemicals and Medicines: Antiseptics, Antibiotics Antacids and their uses.
- Topic 3)** Air pollution and water pollution.
- Topic 4)** Ancient Indian Medicines and Medicinal Plants.
- Topic 5)** Types of Dyes: Methods of preparation characteristics and uses.

BIOLOGY

Choose any one of the following topics:

- Topic 1)** Endocrine glands and hormones, roles of hormones and endocrine disorders
- Topic 2)** Diabetes- types, causes, symptoms and control
- Topic 3)** Nucleotides and Nucleic acids structure and functions of DNA and RNA. Differences between DNA and RNA

COMPUTER SCIENCE

Question 1) Write a program in Java to convert and print the number into Roman Number
INPUT – 105
OUTPUT – CV

Question 2) Write a program in Java to convert and print the number into words-
INPUT – 3689
OUTPUT – Three Thousand Six Hundred and Eighty Nine

Question 3) Write any five programs based on Object Oriented Approach.

Question 4) Make a Menu Driven Program to print the following patterns.

- a)


```

*
* *
* * *
* * * *
* * * * *
```
- b)


```

* * * * *
* * * *
* * *
* *
*
```
- c)


```

5
4 5
3 4 5
2 3 4 5
1 2 3 4 5
```
- d)


```

1
1 2 1
1 2 3 2 1
1 2 3 4 3 2 1
1 2 3 4 5 4 3 2 1
1 2 3 4 5 6 5 4 3 2 1
```
- e)


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6 5 4 3 2 1 2 3 4 5 6
5 4 3 2 1 2 3 4 5
4 3 2 1 2 3 4
3 2 1 2 3
2 1 2
1
```

Note: Output Screen of the program to be pasted with every application along with the hand written matter

PHYSICAL EDUCATION

Prepare a Project File on any two games under following heads:

- A brief History of the Game
- Rules with field or court diagram and their measurements
- Terminologies of the Game.
- Major signals of the game (with diagram)
- Four National and International Tournaments of the game.
- Equipments and safety gears.
- Fundamental skills.
- Strategies and formation of the game.
- Four Major National and International Tournaments.
- Major Abbreviation related to games.
- Governing bodies at National Level and International Level

S.U.P.W.

- 1- File Work: Write on the following topics:
 - Electronics
 - Banking and various methods of savings.
 - Health and Nutrition
- 2- Community Service:

Awareness drive on 'Education for All'. Students must bring a gift pack of one register and a pencil box containing pen, pencil, eraser, ruler and sharpener packed in a cellophane wrapper.
- 3- Project:

Students are required to prepare six table mats with the help of embroidery.

Or

Students are required to prepare a decorative clay flower pot.

