



AL AIN JUNIORS SCHOOL-2021-22

Holiday Assignments(2021-22)

Grade : 12

Date: 30/6/2021

All Subjects

Due Date: Reopening
day

Dear students,

Here are the subject wise holiday assignments. Kindly go through the instructions carefully (under each subjects), complete the task and submit them on the reopening day of the school after summer vacation.

MATHEMATICS

Dear Students,

Summer vacation is the best time to make you strong in the topics covered. Planned study along with enjoyment will be the best solution. When the school reopens after vacation you will be occupied by new lessons.

Plan yourself and complete the following tasks and submit the work on the first day of school after the vacation.

1. Solve NCERT exemplar questions, at least three from each chapter.(You can find them in NCERT exemplar questions text book if you login NCERT publications),
2. Solve all the questions of past papers in the topics you have covered of past three years (You can find these papers in any of the question banks published by different publications/ Any of the sites available on the net)
3. If anyone wants to do more, solve few questions from R.D Sharma.
4. Complete the activities 11 to 16 in your record books as discussed in class

Note down your doubts if any on a paper, so that we can discuss them after the vacation.

Seasonal greetings and Happy Vacation

ECONOMICS

Project Work

Guidelines for Project Work in Economics (Class XII)

The objectives of the project work are to enable learners to:

- Probe deeper into theoretical concepts learnt in class XII
- analyse and evaluate real world economic scenarios using theoretical constructs and

Arguments

- demonstrate the learning of economic theory
- Follow up aspects of economics in which learners have interest
- develop the communication skills to argue logically

The expectations of the project work are that:

- Learners will complete only ONE project in each academic session.
- Project should be of 3,500-4,000 words (excluding diagrams & graphs), preferably**

Hand-written.

- It will be an independent, self-directed piece of study

Learners may work upon the following lines as a suggested flow chart: Choose a title/topic

- 1) Collection of the research material/data
- 2) Organization of material/data
- 3) Present material/data
- 4) Analysing the material/data for conclusion
- 5) Draw the relevant conclusion

Presentation of the Project Work

Expected Checklist: Introduction of topic/title Identifying the causes, consequences and/or remedies Various stakeholders and effect on each of them Advantages and disadvantages of situations or issues identified Short-term and long-term implications of economic strategies suggested in the course of Research Validity, reliability, appropriateness and relevance of data used for research work and for presentation in the project file Presentation and writing that is succinct and coherent in project file Citation of the materials referred to, in the file in footnotes, resources section, Bibliography etc.

Mode of presentation/submission of the Project:

At the end of the stipulated term, each learner will present the research work in the Project File to the External and Internal examiner.

The questions should be asked from the Research Work/ Project File of the learner.

The Internal Examiner should ensure that the study submitted by the learner is his/her own original work. In case of any doubt, authenticity should be checked and verified.

Marking Scheme:

Marks are suggested to be given as – Marks Allotted

S. No	Items	Marks
1	Relevance of the topic 3	3
2	Knowledge Content/Research Work 6	6
3	Presentation Technique 3	3
4	Viva-voce 8	8
5	Total	20

TOPICS:

Micro and Small Scale Industries Food Supply Channel in India Contemporary Employment situation in India Disinvestment policy of the government Goods and Services Tax Act and its Impact on GDP Health Expenditure (of any state) Human Development Index Inclusive Growth Strategy Self-help group Trends in Credit availability in India Monetary policy committee and its functions Role of RBI in Control of Credit Government Budget & its Components Trends in budgetary condition of India

Exchange Rate determination – Methods and Techniques □ Currency War – reasons and repercussions □ Livestock – Backbone of Rural India □ Alternate fuel – types and importance □ Sarva Siksha Abhiyan – Cost Ratio Benefits □ Golden Quadrilateral- Cost ratio benefit □ Minimum Support Prices □ Relation between Stock Price Index and Economic Health of Nation □ Waste Management in India – Need of the hour □ Minimum Wage Rate – approach and Application □ Digital India- Step towards the future □ Rain Water Harvesting – a solution to water crises □ Vertical Farming – an alternate way □ Silk Route- Revival of the past □ Make in India – The way ahead □ Bumper Production- Boon or Bane for the farmer □ Rise of Concrete Jungle- Trend Analysis □ Organic Farming – Back to the Nature □ Any other newspaper article and its evaluation on basis of economic principles □ Any other topic.

PSYCHOLOGY (037)

PROJECT – CASE STUDY ON ANY PSYCHOLOGICAL DISORDER.

Instructions and Guidelines:

1. The students shall be required to undertake one project during vacations.
2. Students have to choose any one psychological disorder from Chapter 4th- Psychological disorders of the textbook.
3. Some of psychological disorders to be selected are Anxiety disorder, somatoform disorder, dissociative disorder, mood disorder, substance abuse etc.
4. Students should prepare a case study on real life client who are suffering from any of above disorder. The project would involve the use of different methods of enquiry and related skills.

The format for the project work will be:

1. Your case study file must cover these points/ headers:
 - a. Cover Page (It should be designed in a creative manner and must bear the title of the project i.e. name of the topic selected for case study).
 - b. Acknowledgment (To be written on a separate page).
 - c. Table of Contents/ Index (to be written on a separate page)
 - d. Introduction to topic and History/background of topic if any
 - e. Types/ Causes/ Effects- related to the topic if any
 - f. Concordance rate/ Gender Differences/ Comorbidity related to topic- if any (Data and facts related to topic)
 - g. Prevention/ Cure/ Treatment/ Ways of enhancing related to the topic if any
 - h. Current issues or news/ latest updates related to topic
 - i. Interaction with the subject on whom you have prepared the case study
 - j. Your observations about the case study and your suggestions as a student of Psychology for improving / aiding/ helping the subject.
 - k. Conclusion of the case study.
 - l. Bibliography – Listing all the reference sources from where you got all the information like official websites, books, journals, magazines.(Avoid giving reference of Wikipedia, Quora, Google, YouTube etc.)
 - m. Case study should be of 3,500-4,000 words.(Roughly 35 to 40 sheets).

In the Practical examination, the student will be required to administer and interpret two psychological tests.

- Practical File and Case profile (10 Marks) ž

- Viva Voce (Case profile and practical) (05 Marks) ž
- Two practicals (5 for conduct and 10 for reporting) (15 Marks)

Dear Students, Please complete all your notebook related pending work till chapter 4 and submit it for correction.

Seasonal Greetings and Happy Vacation.

ENGLISH

OBJECTIVES

To explore the thematic relevance beyond classroom.

To develop empathy and correlatedness with the society.

To develop critical thinking, language and ICT skills

A. Read the following chapters in the Flamingo textbook.

1. Lost Spring
2. An Elementary School Classroom in a Slum
3. Watch the movie- The Paperboy [An Award Winning Touching Short Film - The Paper Boy - YouTube](#)

Create a book using GOOGLE SLIDES/ SCRAPBOOK

What was your experience of watching the film given? Has the boy in the film Paperboy been able to convey his feelings? Mention a few instances in support of your answer.

What is your opinion about the ambience and the details which have been focused upon in the film? Do these contribute to your experience, understanding of the film and of the chapters mentioned?

OR

Create a comic strip/animation/documentary on any of the above-mentioned story/poem Complete your book with a message. The message can be made in the form of a poster.(GOOGLE SLIDES)/ SCRAPBOOK <https://www.youtube.com/watch?v=dcTbckKjvpM> Link to learn how to make cartoon strips on Google slides.

B. Prepare a class magazine: Every student should bring his contribution to the class magazine in any field of his/her interest. (Short story, crossword puzzles with answers below, mathematics puzzles with answers below, articles, drawings, innovative thoughts..) Contributions should be in a neat unrolled A4 size sheet with passport size photograph, name, and class written at the top right corner.

ACCOUNTANCY

Project work General Instructions.

Duration: 1 Hour 30 Minutes Marks: 20

Unit-1 Project file 4 Marks — As per requirement (given below)

Unit-2 Written Test 12 Marks — One hour

Unit-3 Viva Voce 4 Marks.

Project file contains:

Cover page, certificate page, Acknowledgement, Index, Introduction, Objective , project statement (subject matter), Planning and execution of the project, presentation of information, analysis, ratios (liquidity, solvency, Activity and profitability) interpretation and conclusion, graph / chart, bibliography, Conclusion and Bibliography.

- **Students should do one project**
- **Photos/ paper cuttings are all pasted on the left side of the paper.**
- **Project work should be hand written.**
- **The Project File, marks are awarded out of four, based on - Content , Coverage , Presentation, Interpretation and Conclusion, Originality and Quality of work.**

SPECIFIC PROJECT - Ratio Analysis

Prepare a project report by analyzing with accounting ratios for any of the following.

- 1) Two years financial report of a company
Or
- 2) A financial report of two companies.

Students should collect financial statements of two companies of same period or same companies different periods. Compare the two financial statements using accounting ratios such as i) Liquidity Ratios , Solvency Ratios ,Activity Ratios and Profitability Ratios. The analysis can be interpreted through graphical representations and comment on the findings.

MARKETING (812)

The objectives of the project work are to enable learners to:

- Probe deeper into theoretical concepts learnt in class XII
- Analyse and evaluate real world marketing scenarios using theoretical constructs and Arguments
- demonstrate the learning of marketing theory
- Follow up aspects of marketing and employability skills in which learners have interest
- develop the communication skills to argue logically

The expectations of the project work are that:

- Learners will complete only ONE project in each academic session.
- Project should be of 3,500-4,000 words (excluding diagrams & graphs), preferably Hand-written.

Learners may work upon the following lines as a suggested flow chart: Choose a title/topic

- 1) Collection of the research material/data
- 2) Organization of material/data
- 3) Present material/data
- 4) Analysing the material/data for conclusion
- 5) Draw the relevant conclusion.
- 6) Tables and graphs of the related topics.
- 7) Making video, PPT based presentation to get through the test on demonstration of skill competency.

Presentation of the Project Work

Expected Checklist:

- Introduction of topic/title
- Identifying the causes, consequences and/or remedies
- Various stakeholders and effect on each of them
- Advantages and disadvantages of situations or issues identified
- Short-term and long-term implications of marketing strategies suggested in the course of Research
- Validity, reliability, appropriateness and relevance of data used for research work and for presentation in the project file
- Presentation and writing that is succinct and coherent in project file
- Citation of the materials referred to, in the file in footnotes, resources section, Bibliography etc.

Mode of presentation/submission of the Project:

At the end of the stipulated term, each learner will present the research work in the Project File to the External and Internal examiner.

The questions should be asked from the Research Work/ Project File of the learner.

Internal Examiner should ensure that the study submitted by the learner is his/her own original work. In case of any doubt, authenticity should be checked and verified.

The presentation of each student will be assessed (in terms skills). The video and PPT like materials utilized for undergoing the skill competency test will be scrutinized.

Marking Scheme:

Sl. No	Elements	Marks
1	Project	10
2	Practical file	15
3	Demonstration of skill competency via Lab activity	10
4	Viva-voce	5
5	Total	40

Project -10 marks**Practical File -15 Marks**

Students to make a power point presentation / assignment / practical file / report. Instructor shall assign them any outlet to study the elements in retailing. LULU or CAREEFOUR

Suggested list of Practical –

1. Create a detailed practical file highlighting the movement of few (8-10) products through different stages of product life cycle.
2. Collect various (20-25) packages for fast moving consumer goods. Create a practical file demonstrating packaging and labeling strategies adopted by various firms.
3. Create a project report on pricing policy adoption by different manufacturing and service firms.
4. Create a project by visiting different marketing organisations in your locality (retailers, Wholesalers, distributor etc.). Take 5 products of your choice and find out which type of channel was involved before it reaches your hand. Also discuss functions of various intermediaries.
5. Create a project on promotion mix practices followed by Indian firms.
6. Prepare a project report on emerging trends on marketing.

7. Develop your own product

TANGIBLE	INTANGIBLE
Good	
Name of your product	
Develop Brand for your product	
Logo for us your product	
Describe its components	
Core product	
Associated feature	
Label for your product	
Packaging for your product	
With front Labeling	
With side Labeling	
With back Labeling	
Levels of Packaging	
Modes of Transportation	
Classify it Consumer + Industries Features Features	
Unique Characteristic, if any	
In which Stage your product is? Why	
Marketing Strategy adopted during this stage and why?	
Importance of Labeling in the current content	

8. Why is price the most crucial element of marketing mix?

9. Determination of price of any product. (Good or Service); Own OR already existing in the market

10. Following Consideration:-

- a. Objectives of pricing.
- b. Internal & external factors.
- c. Analysis of market situations.
- d. Methods of pricing. (Supporting a numerical example.)

11. A ppt can be made on:

- Describing direct and indirect channels of distribution.
- Understanding the role of distribution channel intermediaries

- Understanding the functions of intermediaries.
- 12. Which channel is suitable for consumer durable/ non-durable/ FMCG/ Industrial Goods & Why?
- 13. Decision of promotion with the elements of promotional mix.
- 14. Factors in the selection of promotional mix.
- 15. Comparative analysis of various modes of promotion.
- 16. Emerging trends in marketing.
- 17. Analysis on the criteria on service quality assessment.
- 18. Develop your own web page for adult digital marketing.
- 19. Facebook, twitter (Social Media Marketing).
- 20. Comparative analysis on the above.

Demonstration of skill competency in Lab Activities -10 marks

Guidelines for Project Preparation:

The final project work should encompass chapters on:

- a) Introduction,
- b) Identification of core and advance issues,
- c) Learning and understanding and
- d) Observation during the project period.

BUSINESS STUDIES (054)

Students are supposed to select one unit out of four and are required to make only ONE project from the selected unit. (Consist of one project of 20 marks) Students who have opted Marketing as a subject have only 3 choices,

Project One: Elements of Business Environment:

1. Changes witnessed over the last few years on mode of packaging and its economic impact.
 - a) The changes in transportation of fruits and vegetables such as cardboard crates being used in place of wooden crates, etc. Reasons for above changes. b) Milk being supplied in glass bottles, later in plastic bags and now in tetra-pack and through vending machines. c) Plastic furniture [doors and stools] gaining preference over wooden furniture. d) The origin of cardboard and the various stages of changes and growth. e) Brown paper bags packing to recycled paper bags to plastic bags and cloth bags. f) Re use of packaging [bottles, jars and tins] to attract customers for their products. g) The concept of pyramid packaging for milk. h) Cost being borne by the consumer/manufacturer. i) Packaging used as means of advertisements.
2. The reasons behind changes in the following: Coca – Cola and Fanta in the seventies to Thumps up and Coca Cola in the eighties to Pepsi and Coke in nineties. The teacher may guide the students to the times when India sold Coca Cola and Fanta which were being manufactured in India by the foreign companies.

The students may be asked to enquire about a) Reasons of stopping the manufacturing of the above mentioned drinks in India THEN. b) The introduction of Thumps up and Coca cola range. c) Reentry of Coke and introduction of Pepsi in the Indian market. d) Factors responsible for the change. e) Other linkages with the above. f) Leading brands and the company having the highest market share. g) Different local

6. A study on child labour laws, its implementation and consequences.
7. The state of 'anti plastic campaign,' the law, its effects and implementation.
8. The laws of mining /setting up of industries, rules and regulations, licences required for running that business.
9. Social factors affecting acceptance and rejection of an identified product. (Dish washer, Atta maker, etc)
10. What has the effect of change in environment on the types of goods and services? The students can take examples like: a) Washing machines, micro waves, mixers and grinder. b) Need for crèche, day care centre for young and old. c) Ready to eat food, eating food outside, and tiffin centres.
11. Change in the man-machine ratio with technological advances resulting in change of cost structure. brands venturing in the Indian market. h) The rating of the above brands in the market. i) The survival and reasons of failure in competition with the international brands. j) Other observations made by the students

The students may develop the following on the above lines

3. Changing role of the women in the past 25 years relating to joint families, nuclear families, women as a bread earner of the family, changes in the requirement trend of mixers, washing machines, micro wave and standard of living.
4. The changes in the pattern of import and export of different Products.
5. The trend in the changing interest rates and their effect on savings.
12. Effect of changes in technological environment on the behaviour of employee.

Project Two: Principles of Management: 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 approved by the teacher. They are required to observe the application of the general Principles of management advocated by Fayol.

Fayol's principles 1. Division of work. 2. Unity of command. 3. Unity of direction. 4. Scalar chain 5. Espirit de corps 6. Fair remuneration to all. 7. Order. 8. Equity. 9. Discipline 10. Subordination of individual interest to general interest. 11. Initiative. 12. Centralization and decentralization. 13. Stability of tenure.

OR

They may enquire into the application of scientific management techniques by F.W. Taylor in the unit visited. Scientific techniques of management. 1. Functional foremanship. 2. Standardization and simplification of work. 3. Method study. 4. Motion Study. 5. Time Study. 6. Fatigue Study 7. Differential piece rate plan.

The observations could be on the basis of the different stages of division of work resulting to specialization. Following instructions and accountability of subordinates to higher authorities. Communication levels and pattern in the organisation. Methods and techniques followed by the organisation for unity of direction and coordination amongst all. The students are encouraged to be used for survey forms, worksheets, questionnaire, interviews and organizational charts, etc.

. Project Three: Stock Exchange: The purpose of this project is to teach school students the values of investing and utilizing the stock market. This project also teaches important lessons about the economy, mathematics and financial responsibility. The basis of this project is to learn about the stock market while investing a specified amount of fake money in certain stocks. Students then study the results and buy and sell as they see fit. This project will also guide the students and provide them with the supplies necessary to successfully monitor stock market trends and will teach students how to calculate profit and loss on stock.

The project work will enable the students to: understand the topics like sources of business finance and capital market understand the concepts used in stock exchange inculcate the habit of watching business channels, reading business journals/newspapers and seeking information from their elders. The students are expected to: a) Develop a brief report on History of Stock Exchanges in India. (your country) b) Prepare a list of at least 25 companies listed on a Stock Exchange. c) To make an imaginary portfolio totalling a sum of Rs. 50,000 equally in any of the 5 companies of their choice listed above over a period of twenty working days.

The students may be required to report the prices of the stocks on daily basis and present it diagrammatically on the graph paper. They will understand the weekly holidays and the holidays under the Negotiable Instruments Act. They will also come across with terms like closing prices, opening prices, etc. During this period of recording students are supposed to distinctively record the daily and starting and closing prices of the week other days under the negotiable instrument act so that they acquire knowledge about closing and opening prices.

The students may conclude by identifying the causes in the fluctuations of prices. Normally it would be related to the front page news of the a business journal, for example, Change of seasons. Festivals. Spread of epidemic. Strikes and accidents Natural and human disasters. Political environment. Lack of faith in the government policies. Impact of changes in government policies for specific industry. International events. Contract and treaties at the international scene. Relations with the neighboring countries. Crisis in developed countries, etc.

The students are expected to find the value of their investments and accordingly rearrange their portfolio. The project work should cover the following aspects; 1. Graphical presentation of the share prices of different companies on different dates. 2. Change in market value of shares due to change of seasons, festivals, natural and human disasters. 3. Change in market value of shares due to change in political environment/ policies of various countries/crisis in developed countries or any other reasons 4. Identify the top ten companies out of the 25 selected on the basis of their market value of shares. It does not matter if they have made profits or losses.

Project Four: Marketing 1. Adhesives 2. Air conditioners 3. Baby diapers 4. Bathing Soap 5. Bathroom cleaner 6. Bike 7. Blanket 8. Body Spray 9. Bread 10. Breakfast cereal 11. Butter 12. Camera 13. Car 14. Cheese spreads 15. Chocolate 16. Coffee 17. Cosmetology product 18. Crayons 19. Crockery 20. Cutlery 21. Cycle 22. DTH 23. Eraser 24. e-wash 25. Fairness cream 26. Fans 27. Fruit candy 28. Furniture 29. Hair Dye 30. Hair Oil 31. Infant dress 32. Inverter 33. Jams 34. Jeans 35. Jewellery 36. Kurti 37. Ladies bag 38. Ladies footwear 39. Learning Toys 40. Lipstick 41. Microwave oven 42. Mixers 43. Mobile 44. Moisturizer 45. Music player 46. Nail polish 47. Newspaper 48. Noodles 49. Pen 50. Pen drive 51. Pencil 52. Pickles 53. Razor 54. Ready Soups 55. Refrigerator 56. RO system 57. Roasted snacks 58. Salt 59. Sarees 60. Sauces/ Ketchup 61. Shampoo 62. Shaving cream 63. Shoe polish 64. Shoes 65. Squashes 66. Suitcase/ airbag 67. Sunglasses 68. Tea 69. Tiffin Wallah 70. Toothpaste 71. Wallet 72. Washing detergent 73. Washing machine

74. Washing powder 75. Water bottle 76. Water storage tank 77. Wipes.

Now the students are required to make a project on the identified product/service keeping in mind the following: 1. Why have they selected this product/service? 2. Find out '5' competitive brands that exist in the market. 3. What permission and licenses would be required to make the product? 4. What are your competitors Unique Selling Proposition.[U.S.P.]? 5. Does your product have any range give details? 6. What is the name of your product? 7. Enlist its features. 8. Draw the 'Label' of your product. 9. Draw a logo for your product. 10. Draft a tag line. 11. What is the selling price of your competitor's product? (i) Selling price to consumer (ii) Selling price to retailer (iii) Selling price to wholesaler What is the profit margin in percentage to the Manufacturer. Wholesaler. Retailer. 12. How will your product be packaged? 13. Which channel of distribution are you going to use? Give reasons for selection? 14. Decisions related to warehousing, state reasons. 15. What is going to be your selling price?

(i) To consumer (ii) To retailer (iii) To wholesaler 16. List 5 ways of promoting your product. 17. Any schemes for (i) The wholesaler (ii) The retailer (iii) The consumer 18. What is going to be your 'U.S.P? 19. What means of transport you will use and why? 20. Draft a social message for your label. 21. What cost effective techniques will you follow for your product. 22. What cost effective techniques will you follow for your promotion plan. At this stage the students will realise the importance of the concept of marketing mix and the necessary decision regarding the four P's of marketing. Product Place Price Promotion

On the basis of the work done by the students the project report should include the following: 1. Type of product /service identified and the (consumer/industries) process involve there in. 2. Brand name and the product. 3. Range of the product. 4. Identification mark or logo. 5. Tagline. 6. Labeling and packaging. 7. Price of the product and basis of price fixation. 8. Selected channels of distribution and reasons thereof. 9. Decisions related to transportation and warehousing. State reasons. 10. Promotional techniques used and starting reasons for deciding the particular technique. 11. Grading and standardization.Presentation and Submission of Project Report At the end of the stipulated term, each student will prepare and submit his/her project report.

Following essentials are required to be fulfilled for its preparation and submission. 1. The total length of the project will be of 25 to 30 pages. 2. The project should be handwritten. 3. The project should be presented in a neat folder. 4. The project report should be developed in the following sequence- Cover page should include the title of the Project, student information, school and year. List of contents. Acknowledgements and preface (acknowledging the institution, the places visited and the persons who have helped). Introduction.

Topic with suitable heading. Planning and activities done during the project, if any. Observations and findings of the visit. Conclusions (summarized suggestions or findings, future scope of study). Photographs (if any). Appendix Teacher's observation. Signatures of the teachers. At the completion of the evaluation of the project, it should be punched in the centre so that the report may not be reused but is available for reference only. The project will be returned after evaluation. The school may keep the best projects.

ASSESSMENT Allocation of Marks = 20 Marks

The marks will be allocated under the following heads:

1	Initiative, cooperativeness and participation	2 Mark
2	Creativity in presentation	2 Mark
3	Content, observation and research work	4 Marks
4	Analysis of situations	4 Marks
5	Viva	8 Marks
	TOTAL	20 MARKS

ISLAMIC STUDIES

(Boys): Prepare a booklet on “Biography of Uthman bin Affan (RA)” including inspiring aspect of his life.

(Girls): Prepare a booklet on “Umm Kulthoom & Ruqaiyya daughters of Prophet (SAW)” including inspiring aspect of their lives.

ARABIC

صمم به ورب ويد نت واك تب عن أغرب الاحيوانات ثم حوله غلى في يدي ووت حدث عنه لمدة ثلاث إلى أربع دقائق (01 درجات)

2- درجة (20) أجب عن أوراق المرفقة TBI

المايكروسوفت تميز لحميل الواجبات سيدي تم إنشاء ملف في الواجبات على

أتمنى لكم إجازة سعيدة

