

Date: 23/6/2023

PROJECT WORK IN ECONOMIC

AL AIN JUNIORS SCHOOL-2023-24

Subject: Economics(030)

Marks: 20 Due Date: Reopening



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

☐ Citation of the materials referred to, in the file in footnotes, resources section, Bibliography etc.

- 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 \(\subseteq \) Advantages and disadvantages of situations or issues identified \(\subseteq \) Shortterm 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

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

S. No		Heading	Ma	rks Allotted	
1	Relevance of the to	ppic	13	1//	
12	Knowledge Conte	nt/Research Work	1 1/1/8	V//A	V 6//
3	Presentation Tech	nique	1 3	V ///	
4 /	Viva-voce	WIN	8	7///	
	Total	NV I	20	V	

Viva-Voce

- 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.

	Class XII			
•	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 Shiksha Abhiyan – Cost Ratio Benefits	•	Golden Quadrilateral- Cost ratio benefit	
•	Minimum Support Prices	•	Relation between Stock Price Index and Economic Health of a 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 crisis	
•	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	
•	Aatmanirbhar Bharat	•	e-Rupee (e- ₹)	
•	Sri Lanka's Economic Crisis	•	Sustainable Development Goals (SDG's)	
•	Environmental Crisis	•	Comparative Study of Economies	
			(Maximum three economies)	
•	New Education Policy (NEP) 2020: A Promise for a New Education System	•	G-20: Inclusive and Action Oriented	
•	Amrit Kaal: Empowered and Inclusive Economy	•	Cashless Economy	
•	Any other newspaper article and its evaluation on basis of economic principles	•	Any other topic	



AL AIN JUNIORS SCHOOL

Holiday Assignment (2023-24)

Grade: XII B Date of submission: 28/8/2023

Accountancy (055)

Marks 20

Project work

One specific project based on financial statement analysis of a company covering any two aspects from the following:

- 1. Comparative and common-size financial statements
- 2. Accounting Ratios
- 3. Segment Reports
- 4. Cash Flow Statements

Project work General Instructions.

Duration: 1 Hour 30 Minutes Marks: 20

Unit-1 Project file 10 Marks — As per requirement (given below)

Unit-2. Viva Voce 10 Marks.

- 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, Presentation, Interpretation and Conclusion, Originality and Quality of work.

The format for Project Work will be:

- Cover page
- Certificate
- Statement of the problem/Name of the Project
- Acknowledgement
- Index
- Objectives.
- Introduction of the project.
- Source Material
- Tools of Analysis used
- ❖ Diagrammatic/graphic presentation- pie diagrams, bar diagrams, and graphs.
- Analysis, Interpretation, and Conclusion.
- Assumptions (if any)
- Bibliography

The project File should be neatly handwritten and presentable with page numbers. Each step of the solution needs to be highlighted. Conclusions drawn should be placed in boxes at the end.



AL AINJUNIORS SCHOOL Vacation Assignment (2023-24)

Grade: XII B Date of submission: 1/09/2022

Business Studies (054)

Max. Time: 60 Days Max Marks:20

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,.

1. 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 brands venturing in the Indian market. h) The rating of the above brands in the

g) Different local 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.
- 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.

- 12. Effect of changes in technological environment on the behaviour of employee.
- 2. 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.

3. 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).





AL AIN JUNIORS SCHOOL Vacation Assignments (2023-24)

Grade: XIIB

Date of Submission; 1st Sept 2023

Marketing (812)

Time: 60 Days

Marks: 40

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 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.

lode of presentation/submission of the Project:

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

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

ternal 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.

he 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.



larking Scheme:

.No Elements

Marks

Project

V

Practical file 15

Demonstration of skill competency via Lab activity 10

Viva-voce 5

otal 40

roject -10 marks

ractical File -15 Marks

udents to make a power point presentation / assignment / practical file / report. Instructor shall

sign them any outlet to study the elements in retailing. LULU or CAREEFOUR or SAFEER or any other suitable outlet

uggested list of Practical -

Create a detailed practical file highlighting the movement of few (8-10) products through different stages of product life cycle.

Collect various (20-25) packages for fast moving consumer goods. Create a practical file demonstrating packaging and labeling strategies adopted by various firms.

Create a project report on pricing policy adoption by different manufacturing and service firms.

Create a project by visiting different marketing organisations in your locality (retailers, Wholesalers, distributor etc.). Take 3 products of your choice and find out which type of channel was involved before it reaches your hand. Also discuss functions of various intermediaries.

Create a project on promotion mix practices followed by Indian firms.

Prepare a project report on emerging trends on marketing

Develop your own product

TANGIBLE	INTANGIBLE
Good	8
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	OV
Packaging for your product	
With front Labeling	10
With side Labeling	
With back Labeling	7) -
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	

Why is price the most crucial element of marketing mix?

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

). Following Consideration:-

Objectives of pricing.

Internal & external factors.

Analysis of market situations.

Methods of pricing. (Supporting a numerical example.)

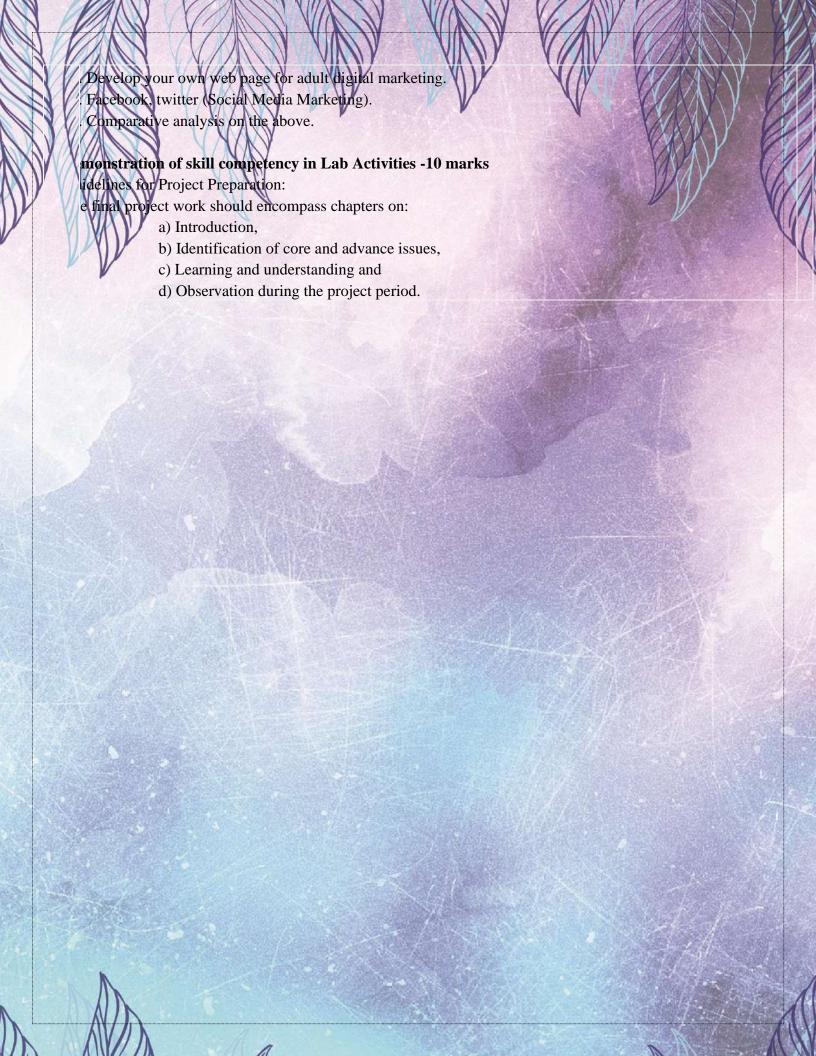
. A ppt can be made on:

Describing direct and indirect channels of distribution.

Understanding the role of distribution channel intermediaries

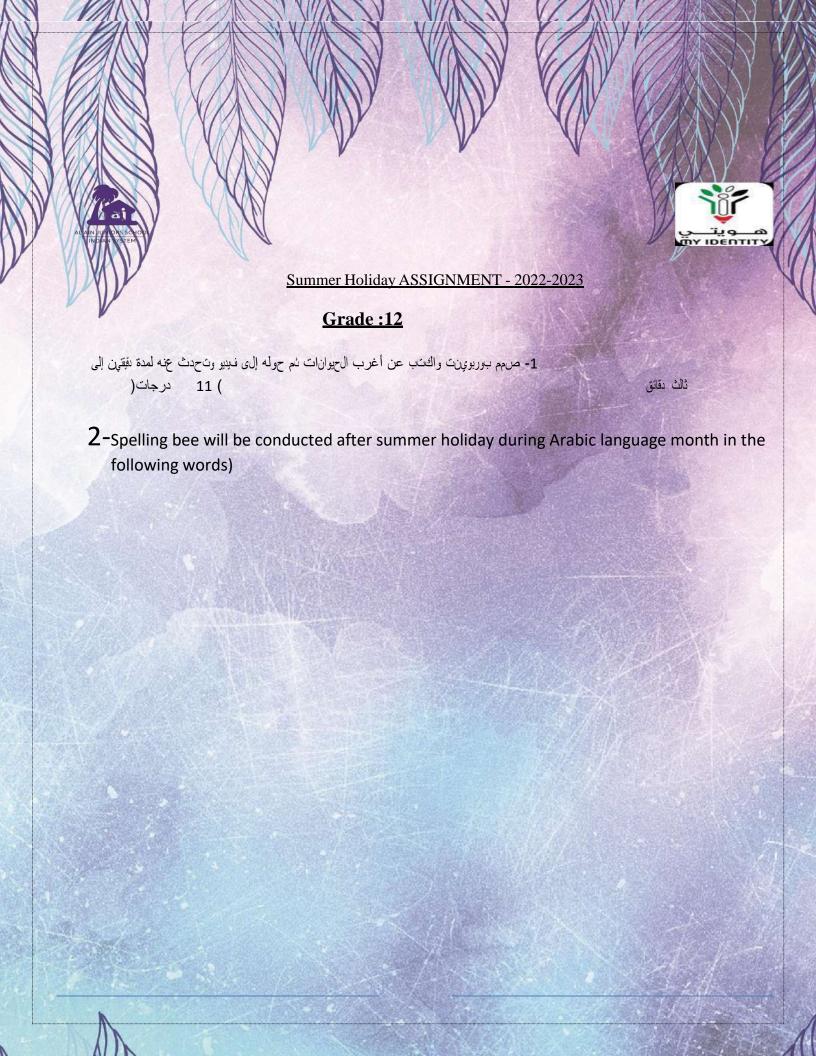
Understanding the functions of intermediaries.

- . Which channel is suitable for consumer durable/ non-durable/ FMCG/ Industrial Goods & Why?
- . Decision of promotion with the elements of promotional mix.
- . Factors in the selection of promotional mix.
- . Comparative analysis of various modes of promotion.
- . Emerging trends in marketing.
- . Analysis on the criteria on service quality assessment.



ISLAMIC STUDIES

/	
Grade	Assignments
VII	Prepare a booklet or PPTS on "Rights of Parents" including Quranic verses, Noble Ahadith and relevant scholarly quotes.
VIII	Prepare a booklet or PPTS on "Importance of education in our life" including Quranic verses, Noble Ahadith and relevant scholarly quotes.
IX	Prepare a booklet or PPTS on "Magic & Music" including Quranic verses, Noble Ahadith and relevant scholarly quotes. Analyze its harms or benefits too.
X	Find out any 5 scientific Verses and explain them according to the scientific research.
XI	Prepare a booklet on "Biography of Zaid bin Harithah (RA) and Zainab bint jahash (RA).
XII	Prepare a booklet on "Life of Ayesha (RA) and her contributions for Islam.



ح والتهنئة	رسالة المد
English	Arabic
Letter	رسالة
Invitation	دعوة

Acceptance	قبول
Refusal	رفض
The greeting	التحية
Signature	التوقيع
formal letter	رسالة رسمية
personal message	رسالة شخصية شكرًا
Thanks	شكرًا
Blessing	مبارك
Appreciation	تقدير

gratitude	امتنان
a fan	معجب
Express	أعبّر
Good reputation	سمعة طيبة
pride	الفخر
interested	متهم
respect	أحترم
Special	مميز
I hope	أتمنى
deserve	تستحق
success	نجاح
example	قدوة
I miss you	اشتقت إليك
I miss you so much	أفتقدك كثيرًا
I wait for you to come back safely	أنتظر عودتك بالسلامة
see you soon	أراك قريبًا

take off	إقلاع
landing	هبوط

اليومي 	PART CONTROL
English	Arabic
daily routine	الروتين اليومي
wake up	الاسيتقاظ
breakfast	الفطور
arranging clothes	ترتيب الملابس
Dental Care	العناية بالأسنان
the job	العمل
go to work	الذهاب للعمل
The school	المدرسة
Homeworks	الواجبات المدرسية
break	استراحة
lunch hour	ساعة غداء
reading	القراءة

<mark>في المطار</mark>			
English	Arabic		
Airport	مطار		
Hotel	فندق		
Traveler	مسافر		
Luggage	أمتعة		
Reception	استقبال		
passport	جواز سفر		
seat	مقعد		
Boarding pass	بطاقة صعود		
Beside	بجانب		
Gate	بوابة		
flight	رحلة جوية		
Arrival	وصول		
terminal Building	مبنى الركاب		
ticket	تذكرة		
Boarding gate	بوابة الصعود للطائرة		
departure	مغادرة		
elevator	مصعد		

(I//II)

A MANAGER AND A

في الفندق (In the hotel)		
English	Arabic	
book	يحجز	
reservation	حجز	
Overlooks	يطل	
What is the hotel name?	ما اسم الفندق؟	
When is the reservation?	متى الحجز؟	
I imagine that I am in the hotel	أتخيل أني في الفندق	
If you please	لو سُمحت	
Do you like sleeping in the hotel? Why?	هل تحب النوم في الفندق؟ لماذا؟	
hotel room	غرفة الفندق	
security guard	حارس أمن	
Hotel stay	إقامة في الفندق	
hotel servant	خادم الفندق	
room available	غرفة متوفرة	
guest	نزبل	

وسائل التواصل الاجتماعي		
English	Arabic	
Society	المجتمع	
Be held	تُعْقَد	
consult	تَشاوَرَ	
Humans	البشر	
obsessed	مهووس	
Adequate	وافية	
Waste	إهدار	
Noticeable	ملحوظ	
Contributed	ساهم	
Write down	يدوّن	
Social media	وسائل التواصل	
Chat	دردشة	
comment	تعليق	
Instagram	انستغرام	
LinkedIn	لينكد إن	
Facebook	فيسبوك	

3- اور أ نام أجب عن السئلة النالمة:

«دَوْرَةُ حَياةِ الْفَراشَةِ»



«دَوْرَةُ حَياةٍ

إِقْرَأُ النَّصَّ الْآتِيَ بِعُنُوانِ: «دَوْرَةُ حَياةِ الْفَراشَةِ».

الْفَراشَةُ مِنَ الْحَشَراتِ.

كُلُّ الْحَشَراتِ تَتْبَعُ دَوْرَةَ حَياةٍ.

الْفَراشَةُ تَضَعُ بَيْضَةً، تَفْقِسُ الْفَراشَةُ وَتُصْبِحُ يَرَقَةً صَغِيرَةً. وَبَعْدَ تَناوُلِ كَثيرٍمِنَ الطَّعامِ، تُكَوِّنُ الْيَرَقَةُ شَرْنَقَةً حَوْلَها.

وَداخِلَ الشَّرْنَقَةِ، تَتَحَوَّلُ الْيَرَقَةُ إِلَى فَراشَةٍ بالِغَةِ.

ثُمَّ تَخْرُجُ الْفَراشَةُ مِنَ الشَّرْنَقَةِ.

وَهكَدا تَكونُ قَدْ وُلِدَتْ فَراشَةٌ جَديدَةٌ!



أَجِبْ عنِ الأَسْئِلَةِ الأَتِيَةِ:

1. عَدَدُ أَرْجُلِ الْفَراشَةِ حَسْبَ الصّورَةِ:

أ. 3 أَرْجُلِ.

ب. 4 أَرْجُلٍّ.

ت. 5 أَرْجُلٍّ.

ث. 6 أَرْجُلِ.

2. ما الْجُمْلَةُ الَّتِي تَحْمِلُ مَعْنى (دَوْرَةُ حَياةِ الْحَشَرَةِ):

أ. مَراحِلُ حَياةِ الْحَشَرَةِ.

ب. مراحِلُ مَوْتِ الْحَشَرَةِ.

ت. مراحِلُ غِذاءِ الْحَشَرَةِ.

ث. مَراحِلُ عَمَلِ الْحَشَرَةِ.

3. ما طَعامُ الْيَرَقَةِ حَسْبَ الصّورَةِ؟

أ. الْبَيْضُ.

ب. الْوَرَقُ.

ت. الْعَسَلُ.

ث. السُّكَّرُ.

4. ما وَجُهُ الشَّبَةِ يَيْنَ الْفَراشَةِ وَالنَّحْلَةِ؟ اِدْعَمْ إِجابَتَكَ بِأَدِلَّةٍ مِنَ النَّص.

حَبَيْفُ كُلَّ مَرْحَلَةٍ مِنْ مَراحِلِ دَوْرَةِ الْحَياةِ عَلى الصُّورِ أَدْناهُ.



«الشَّمْسُ»



إِقْرَأُ النَّصَّ الْآتِيَ بِعُنوانِ: «الشَّمْسُ».

الشَّمْسُ نَجُمٌ.

الشَّمْسُ مُهِمَّةٌ جِدًّا.

تُعْطينا الضَّوْءَ.

تَمْنَحُنا الْحَرارَةَ.

دونَ الشَّمْسِ، لا يُمْكِنُنا الْبَقاءُ عَلَى قَيْدِ الْحَياةِ.

تَدورُ الْأَرْضُ حَوْلَ الشَّمْسِ مَرَّةً واحِدَةً في السَّنة.

وَيُسَمَّى هذا مَدارٌ.



أُجِبُ عِنِ الأَسْئِلَةِ الأَتِيَةِ:

هَلِ الشَّمْسُ قَمَرٌ أَمْ نَجْمٌ؟

ماذا تُعْطينا الشَّمْسُ؟	.2
ماذا نُسَمّي دَوَرانَ الْأَرْضِ حَوْلَ الشَّمْسِ؟ أ. الْمَسارَ. ب. الْمَدارَ. ت. الْجِدارَ. ث. السِّوارَ.	.3
فَسِّرِ الْمَقْصودَ بِالْعِبارَةِ الْآتِيَةِ: (دونَ الشَّمْسِ، لا يُمْكِنُنا الْبَقاءُ عَلَى قَيْدِ الْحَياةِ)؟	.4
لَوْ إِخْتَفَتِ الشَّمْسُ لِلْأَبَدِ، فَماذا تَتَوَقَّعُ أَنْ يَحْدُثَ؟	.5
لَوْ اِقْتَرَيَتِ الشَّمْسُ مِنَ الْأَرْضِ كَثِيرًا، فَماذا تَتَوَقَّعُ أَنْ يَحْدُثَ؟	.6

7. ماذا سَيَحْدُثُ إِذا أَرْسَلْنا مِسْبارًا لِتَصويرِ الشَّمْسِ مِنْ مَكانٍ قَريبٍ مِنْها؟

8. قَدِّمْ مُقْتَرَحَيْنِ لِلْأَشْخاصِ الَّذينَ يَجْلسونَ عَلى الشَّاطِئِ، لِحِمايَتِهِمْ
 مِنْ أَشِعَّةِ الشَّمْسِ الْحارِقَةِ.

ملحوظة: سويدم إنشاء ملف لكل طالب في الواجبات على المايكروسونت تيمز لتحمول الواجبات

أتمنى لكم إجازة صيفية سعيدة

مع نح باني Arabic HOD Ms / Abeer Fathy



AL AIN JUNIOR SCHOOL Department of English

OBJECTIVES

To explore the thematic relevance beyond classroom.
To develop empathy 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 send his/her contribution for the class magazine in any field of his/her interest to your editorial team. (Short story, crossword puzzles with answers below, mathematics puzzles with answers below, articles, drawings, innovative thoughts.) Contributions should

be in a neat unruled A4 size sheet with passport size photograph and name written at the top right corner. Give a name to your class magazine and design the cover page. You may submit it after bidding it on 4th September 2023.

Let us spend this Summer reading some classics

- 1. Moby-Dick; or, the Whale
- 2. The Pearl John Steinbeck
- 3. The Importance of Being Earnest Oscar Wilde
- 4. The Taming of the Shrew William Shakespeare
- 5. The Old Man and the Sea Ernest Hemingway
- 6. Othello William Shakespeare
- 7. Wuthering Heights Emily Brontë
- 8. The Grapes of Wrath John Steinbeck
- 9. A Midsummer Night's Dream William Shakespeare
- 10. Great Expectations Charles Dickens
- 11. Jane Eyre Charlotte Brontë
- 12. The Adventures of Huckleberry Finn Mark Twain
- 13. Lord of the Flies William Golding
- 14. To Kill a Mockingbird Harper Lee



Task 1-Project Objective -To deepen understanding of a specific concept, phenomenon,

No	Name of students	Project Name
1.	Asfiya ;Azzah ; Tessa ;Sayyeda	Extraction of Essential oil
2.	Hasil; Ausaf; Abdul Ahad	Preparation of pigments and poster paints
3.	Parvati ;Jinelle ;Amna ;Hajira	Chemicals in medicines and their uses
4.	Neha ;Varsa ;Fatima Noushad	Soyabean milk-Comparison with natural milk
5.	Kadeeja; Aafreen ; Merlin ;Aaliya	Cosmetics and Chemistry
6.	Justin ;Hannan ;Nabeel ; Naji ;Idris	To study the presence of insecticides
7.	Angela Dadine ;Fatima Ahmad ;Melista	Determination of Caffeine in Tea samples
8.	Asha ; Angelin ;Fatima Ahmad; Kezia	Common Food adulterants
9.	Akshara ;Ifra Ayesha; Alia Amir	Chemistry of Dyeing Fabric
10.	Aamir; Hussain; Thareef; Mohsin; Samyog	Investigatory project on Alloys
11.	Ria Sarkar ;Heshi ;Diya Joseph	Adulteration of food
12.	Sheikha Ayoob ;Rania Saheer; Nidha	Study of digestion of starch by salivary amylase and effect of pH and temperature on it

or application in chemistry through research, experimentation, and analysis.

Task 2- Record Book Submission

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RUBRICS	Marks
Develop research skills	2
Apply theoretical knowledge	2
Analyze and interpret data	2
Communicate findings	2
Critical thinking skills	2

(Practical write up part will be shared via TEAMS) 2023(Monday)

Date of Submission 04

04-09-

AL AIN JUNIORS SCHOOL SUMMER VACATION HOLIDAY ASSIGNMENT-JUNE-2023-24

Grade 12

Subject: Biology(044)

earning outcome: Students will be able to apply and comprehend the scientific method. Work product: Research Report

1	Study the toxicity of energy drinks.	AUSAF
2	Study of drug resistance in bacteria using antibiotics	HASIL
3	Recombinant technology in todays medicine	NAJI
4	Harmful effects of mobile radiation	MOHSIN
5	Study on probiotics and its preparation	AKSHARA
6	Microwave radiation in growth of plants	AAFREEN
7	Possible effects of maternal behaviour on foetal development	ANGELIN DADINE
8	Study on gene therapy	ANGELIN SARA
9	Eye disorder in children and adolescents	AISHA AISHA
10	determine the tolerance of different salinity levels from diluted ocean water on rice seedlings growth.	AALIYA BURHAAN
11	Effect of sugar on bean plant growth	DIYA JOSEPH
12	Investigating seed tolerance for freezing temperature	FATHIMA CHINNACKAL
13	Effects of reading and working on computer on vision	FATHIMA AHMAD
14	Hydroponics and aeroponics	KADEEJA
15	Diabetes and exercise, effect of diet on blood glucose	HAJIRA
16	Explore the impact of genetic modification on seeds	HESHI
17	Taste foods to find your threshold for sour, sweet, and bitter	MERLIN HELEN
18	Study of Tissue culture in UAE	MELISTA
19	DNA forensic significance	NEHA MOHAMMAD
20	Sewage treatment plant in UAE.	PARVATI
21	Study of tumours in plants	RIA
22	dy of effect of light and gravity on plant growth movement	RANIA
23	Effects of water impurities on plant growth.	KEZIYA
24	Effect of alkaline and acid in bacterial growth	NIDA
25	Effect of music of various types and duration on plants	SHEIKHA
26	Demonstrating the role of planktons in marine life	ALIA AMIR

- 27 Genetically Modified Organisms
- 28 Study the isolation of Staphylococcus aureas in raw and pasteurized milk
- VARSA
- Do different types of bread grow different types of mold? Does temperature or light affect mold growth?

The format for the project work will be:

- 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, Name, Class, Roll number).
- Project should be hand written in an A4 size coloured paper.
- Acknowledgment (To be written on a separate page).
- Table of Contents/ Index (to be written on a separate page)
- Introduction to topic.
- Detail of the content with colour pictures, images ,tables, graph, observations wherever necessary (Collect more information).
- Conclusion
- Bibliography
- Do spiral Binding.
- Date of Submission 04-09-2023(Monday).

RUBRICS

1. Writes introdu ction	2. Designs experimen t	3. States risks	4. Interpret s results	5.Ident ifies errors in scienti fic proced ure	6. Lists experime ntal improve ments	7. Writes a conclusi on	8. Uses scientific language	9. Adheres to word count	10. Presents poster in a scientific format
Conducts background research and designs methodology			Inquires :	scientifically		198/2003	municate b ation and u	iological nderstands	

RECORD WORK

A: (MAJOR EXPERIMENTS)
B- MINOR EXPERIMENTS

SUBJECT: PHYSICS (042) Grade 12A/C-SUMMER VACCATION ASSIGNMENT (2023-2024)

TASK-1 PROJECT

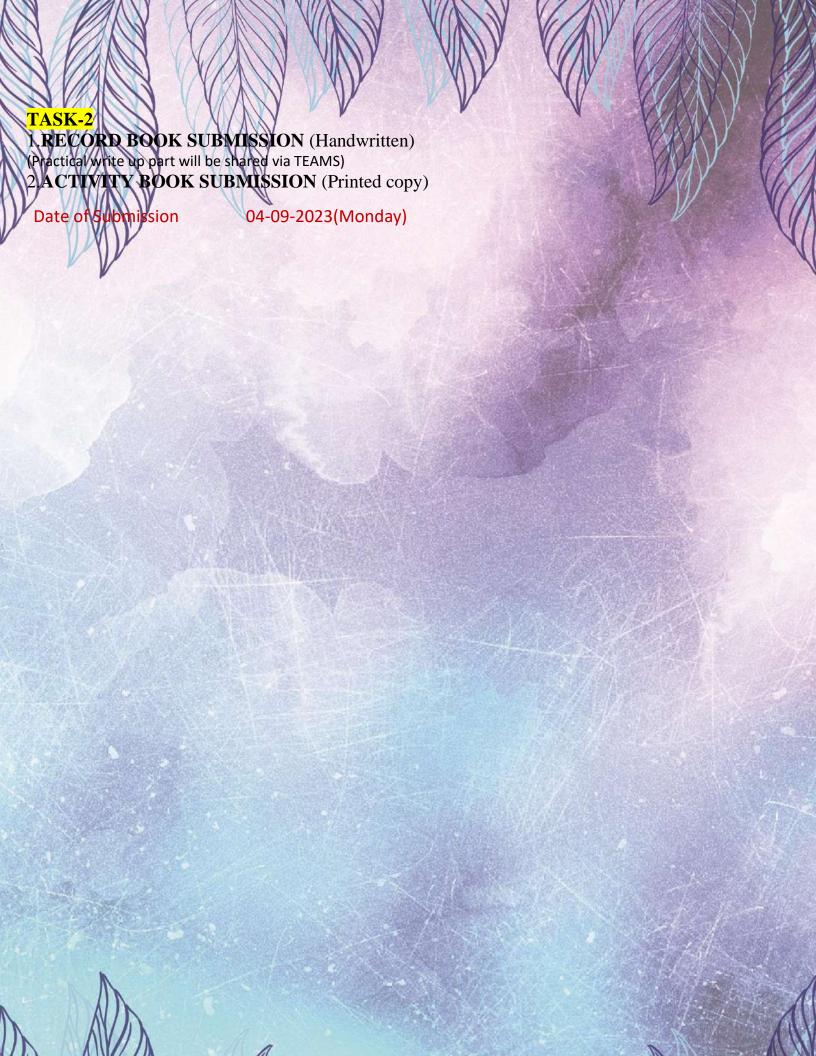
Objective -To expand knowledge and comprehension of a specific concept, phenomenon, or application in Physics through research, experimentation, and analysis.

	Name of students	Project Name		
1	Asfiya ,Azzah , Tessa , Sayyeda ;Parvati ;Jinelle ;Amna	To find the refractive indices of (a) water (b) oil (transparent) using a plane mirror and an equiconvex lens		
	Kadeeja; Aafreen; Merlin; Aaliya; Hajira;			
	Angela Dadine ;Fatima Ahmad ;Melista			
	Akshara ;Ifra Ayesha; Alia Amir			
2	Hasil; Ausaf; Abdul Ahad;	To investigate the dependence of the angle of deviation on the angle of incidence using a hollow		
	Justin ;Hannan ;Nabeel ; Naji ;Idris;Sriram	prism filled one by one, with different transparent fluids.		
	Aamir ;Hussain ; Thareef ;Mohsin ;Samyog			
	Neha ;Varsa ;Fatima Noushad			
3	Asha; Angelin; Fatima Ahmad; Kezia	To estimate the charge induced on each one of the two identical Styrofoam (or pith) balls suspended in		
	Ria Sarkar ;Heshi ;Diya Joseph	a vertical plane by making use of Coulomb's law.		
	Sheikha Ayoob ;Rania Saheer;Nidha			

The format for the project work will be:

- Cover Page (It should bear the title of theproject, Name of student, Class, Roll number).
- Table of Contents/Index (to be written on a separate page)
- Acknowledgment (To be written on a separate page).
- Introduction to topic.
- ➤ Detail of the content with colour pictures, images ,table ,graph, observations, result wherever necessary (Collect more information).
- Conclusion
- Bibliography
- Project should be printed in an A4 size paper.
- Do spiral Binding.

RUBRICS	Marks
Develop research skills	2
Apply theoretical knowledge	2
Analyze and interpret data	2
Communicate findings	2
Communicate findings	2



AL AIN JUNIORS SCHOOL HOLIDAY ASSIGNMENT

COMPUTER SCIENCE Grade 12

Topic-Project on Python-MySQL Connectivity

The aim of the class project is to create something that is tangible and useful using Python file handling/ Python-SQL connectivity. This should be done in groups of two to three students and should be started by students at least 6 months before the submission deadline. The aim here is to find a real-world problem that is worthwhile to solve.

Students are encouraged to visit local businesses and ask them about the problems that they are facing. For example, if a business is finding it hard to create invoices for filing GST/VAT claims, then students can do a project that takes the raw data (list of transactions), groups the transactions by category, accounts for the GST/VAT tax rates, and creates invoices in the appropriate format. Students can be extremely creative here. They can use a wide variety of Python libraries to create user friendly applications such as games, software for their school, software for their disabled fellow students, and mobile applications, of course to do some of these projects, some additional learning is required; this should be encouraged. Students should know how to teach themselves.

The project report should contain:

Cover page,

Topic,

Index,

Data collected,

Database and Tables information

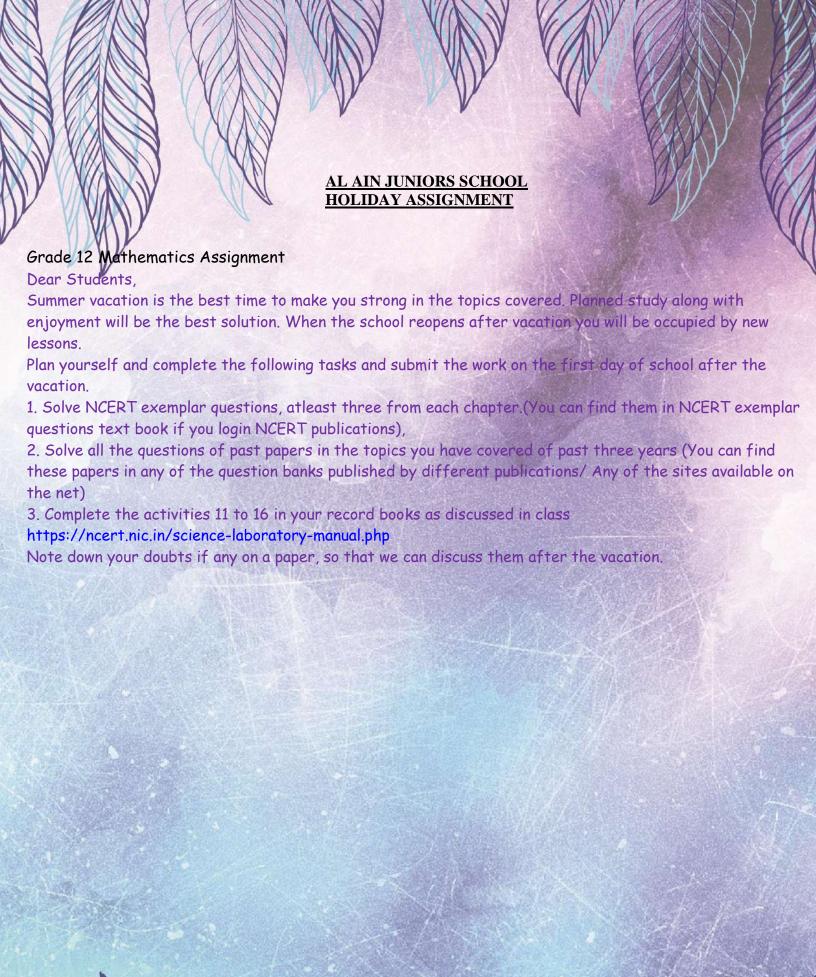
SQL queries to create database and tables

Python code to connect with MySQL database and process data stored in tables.

Conclusion and

Bibliography

The Project File, marks are awarded based on: Content, Coverage, Presentation, Interpretation and Conclusion, Originality and Quality of work.





AL AIN JUNIORS SCHOOL PROJECT WORK IN PSYCHOLOGY (2023-24)

Grade: XII

Date: 14.6,2023

Subject: PSYCHOLOGY(037)

MARKS: 30
DUE DATE: Day of reopening

SUBJECT

TOPIC

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, Schizophrenic Disorder, Behavioural and Developmental disorders 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:

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).

- ❖ Acknowledgment (To be written on a separate page).
- ❖ Table of Contents/ Index (to be written on a separate page)
- ❖ Introduction to topic and History/background of topic if any
- Types/ Causes/ Effects- related to the topic if any
- Concordance rate/ Gender Differences/ Comorbidity related to topic- if any (Data and facts related to topic)
- Prevention/ Cure/ Treatment/ Ways of enhancing related to the topic if any
- Current issues or news/ latest updates related to topic
- Interaction with the subject on whom you have prepared the case study
- Your observations about the case study and your suggestions as a student of Psychology for improving / aiding/ helping the subject.



