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**Objective: Develop in students an aptitude for critical evaluation of different genre of literary work.**

Watch anyone of the Sci-fi films and write a review in about 200 words and compare it with the lesson ‘The Adventure’ and explain the common elements used in both.

**Your assignment should have:**

1. Cover page
2. Poster of the film and a poster for the lesson ‘The Adventure’
3. Film Review
4. Comparative study of the film with the lesson

**Date of Submission: 31<sup>st</sup> December, 2021**

**Some suggested Sci-fi films based on books:**

The Iron Giant (Novel- The Iron Man )

The Iron Man (Novel- Story of Your Life)

The Martian (Novel- The Martian)

The Thing (1982) (Novel- Who Goes There? by John W. Campbell)

Blade Runner(Novel- Do Androids Dream of Electric Sheep?)

2001: A Space Odyssey( Short story - The Sentinel)

Dune (Novel – Dune by Frank Herbert)

The War of the Worlds ( The war of the Worlds by H. G. Wells – 1898)

The Road (The Road by Cormac Mccathy)



AL AIN JUNIORS SCHOOL  
INDIAN SYSTEM

AL AIN JUNIORS SCHOOL-2020-21

PROJECT WORK IN ECONOMICS



Grade : 11B

Marks: 20

Date: 09/12/2021

Subject: Economics(030)

Due Date: Reopening day

## 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.

## TERM- II - PROJECT WORK (Part 2):

The teacher will assess the progress of the project work in the term II in the following manner:

| Month             | Periodic work   | Assessment Rubrics   | Marks     |
|-------------------|---|--|-----------|
| December-January  | Content/data analysis and interpretation.<br>Conclusion,<br>Limitations,<br>Suggestions,<br>Bibliography,<br>Annexures and Overall Presentation of the project. | Content analysis and its relevance in the current scenario. Conclusion, Limitations, Bibliography, Annexures and Overall Presentation. | 5         |
| January/ February | Final Assessment and VIVA by both Internal and External Examiners   | External/ Internal Viva based on the project   | 5         |
|                   |   | <b>Total</b>   | <b>10</b> |

### 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.

**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 of Grade 12.
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.

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

**TERM- II - PROJECT WORK (Part 2):**

The teacher will assess the progress of the project work in the term II in the following manner:

| <b>Month</b>      | <b>Periodic work</b>   | <b>Assessment Rubrics</b>   | <b>Marks</b> |
|-------------------|--|---|--------------|
| December-January  | Content/data analysis and interpretation.<br>Conclusion, Limitations, Suggestions, Bibliography, Annexure and Overall Presentation of the project. | Content analysis and its relevance in the current scenario. Conclusion, Limitations, Bibliography, Annexure and Overall Presentation. | 15           |
| January/ February | Final Assessment and VIVA  | Internal Viva based on the project and chapters   | 5            |
|                   |  | <b>Total</b>  | <b>20</b>    |

**Viva-Voce**

- At the end of the stipulated term, each learner will present the research work in the Project File to the 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.

Dear Students, Please complete all your notebook related pending work till **Chapter 6** and submit it for correction.

Seasonal Greetings and Happy Vacation.

**GRADE :XI**

**ASSESSMENT TECHNIQUE: INVESTIGATORY PROJECT**

**OBJECTIVE:** Physics is known as the science of energy and matter. It includes the study of energy, matter related to light, heat motions and force. Well, the extension of modern physics has expanded to nuclear physics, plasma, particles and cryogenics. Explore the laws of physics and its role in our daily life with these Physics fair projects. Choose any one investigatory project, relate it to real life experiences, and explore the world of Physics.

[CHOOSE ANY ONE FROM THE GIVEN LIST OR YOU CAN DO YOUR OWN PROJECTS .....Make working models, still models, AI integrated and Art integrated projects.....choice is yours]

**INVESTIGATORY PROJECT- INNOVATION, SUSTAINABILITY AND CREATIVITY**

1. Develop a model to represent the collision of two black holes, the gravitational waves that result and the waves' propagation through space-time.
2. Learn about Mars, design a mission to explore the planet, build and test model spacecraft and components, and engage in scientific exploration.
3. Design, build and program a robotic “super crawler” to transport a payload from a starting position to a target launch pad, deliver the payload in an upright position and return the robot to the starting point.
4. Students develop spreadsheet models that describe the relationship between the mass of a spacecraft, the force acting on the craft, and its acceleration.
5. Use satellite data to help determine the greatest renewable energy potentials in any given region and develop graphing skills.
6. Design and build a solar hot water heater and see how big a temperature change they can get.
7. Use marshmallows to model the formation of silicates – the family of minerals that make up most of Earth’s crust – then analyze their chemical and physical properties.
8. Use the mathematical constant pi to determine the force observed by a hydrogen ion trapped in Earth's magnetic field.
9. Use the mathematical constant pi to calculate the amount of energy put out by a laser to determine if it can explode an ice sample for analysis.

10. Use pi to calculate how much water could be contained within a cloud.
11. Explore how metal reactivity relates to space exploration and spacecraft design.
12. Students use a visual programming language to create a video game that simulates the process of collecting samples on Mars.
13. Program a rover to get from point A to point B on a map without driving across any of the craters located between the two points.
14. Use microcontrollers and temperature sensors to measure the flow of heat through a soil sample.
15. Build a paper helicopter, then improve the design and compare and measure performance.

16. Measuring the Thrust of a Balloon Powered Car

<http://www.nationalstemcentre.org.uk/elibrary/resource/1278/measuring-the-thrust-of-a-balloon-powered-car>

About: Calculate the thrust of a balloon powered car, exploring thrust and Newton's Laws of Motion.

17. Make your own Spectrometer

<http://www.nationalstemcentre.org.uk/elibrary/resource/3330/make-your-own-spectrometer>

About: Make a spectrometer, to be used to understand light waves, spectroscopy, and atomic structure.

18. Seeing Beyond the Visible

<http://www.nationalstemcentre.org.uk/elibrary/resource/2501/seeing-beyond-the-visible>

About: Activities that can be used when introducing the electromagnetic spectrum or discussing colours.

19. Celestial Navigation

<http://www.nationalstemcentre.org.uk/elibrary/resource/7342/celestial-navigation>

About: Use a spaceflight simulator to explore real astronomical data as you fly through space

5. Go with the Flow: Investigating Bouncy Fluids and Other Strange Materials

<http://www.nationalstemcentre.org.uk/elibrary/resource/4911/go-with-the-flow-investigating-bouncy-fluids-and-other-strange-materials>

About: Investigate materials that have unusual and interesting flow properties.



20. Tool Holder Design <http://faraday.theiet.org/resources/overview/tool-holder-design.cfm>

About: Use knowledge of electromagnetism to design and build a magnetic tool holder for a surgical robot.

21. Physics in Concert

[http://www.iop.org/education/teacher/resources/concert/page\\_52849.html](http://www.iop.org/education/teacher/resources/concert/page_52849.html)

About: Learn about engineering and how physics applies in the context of planning a music event.

AL AIN JUNIORS SCHOOL  
WINTER VACATION HOLIDAY ASSIGNMENT-DECEMBER-2021

**11<sup>TH</sup> GRADE**

**Subject: Biology**

| S.No | Class                          | Project and record work details   |
|------|--------------------------------|---|
|      | 11 <sup>th</sup> grade-ROLL NO | <b>PROJECT-</b>   |
| 1    |                                | • Study of effects of fertilizers on the rate of growth of plants                             |
| 2    |                                | • Study competition between weeds and crops   |
| 3    |                                | • Study of effect of antibiotics on microorganisms  |
| 4    |                                | • Study of breaking of dormancy of seeds by KNO <sub>3</sub> , ethylene and shoot elongation. |
| 5    |                                | • Study of deficiency symptoms of various essential elements and minerals..                   |
| 6    |                                | • Study of effect of light and gravity on plant growth movement                               |
| 7    |                                | • Study of effect of gibberellins on seed germination and shoot elongation.                   |
| 8    |                                | • Study of effects of herbicide on lawn seeds.  |
| 9    |                                | • Study of dispersal of seeds by various agencies.  |
| 10   |                                | • Comparative study of chlorophyll content in five different species.                         |
| 11   |                                | • .Study of adaptability of cockroach to drastic environment.                                 |
| 12   |                                | • Study of developmental stages by housefly/cockroach.  |
| 13   |                                | • Study of effect of osmotic stress by administration of hypertonic saline in frog.           |
| 14   |                                | • Study of locomotion and role of different fins in fishes.                                   |
| 15   |                                | • Study of zooplanktons from fresh water ponds and tank.                                      |
| 16   |                                | • Estimation of Vitamin-C content in different types of fruits                                |
| 17   |                                | • Harmful effects of mobile radiation in plants and animals.                                  |
| 18   |                                | • Effect of alkaline and acid in bacterial growth.  |
| 19   |                                | * Effect of fertilizers ,manures and poythene on the rate of elongation of hypocotyls.        |
| 20   |                                | * Factors affecting nodule formation in legumes.  |
| 21   |                                | * Experiments with hydroponics  |
| 22   |                                | *Effect of music of various types and duration on plants.                                     |
| 23   |                                | *Effect of electromagnetic fields on plants   |
|      |                                | Factors affecting the growth of bacteria  |

|    |             |   |
|----|-------------|---|
|    | 24          |   |
| 2. | RECORD WORK | <p><b>B. Study/Observer of the following (spotting)</b></p> <ol style="list-style-type: none"> <li>1. Parts of a compound microscope.</li> <li>2. Specimens/slides/models and identification with reasons - Bacteria,, Spirogyra, Rhizopus, mushroom, yeast, , moss, fern, pine, one monocotyledonous plant, one dicotyledonous plant .</li> <li>3. Virtual specimens/slides/models and identifying features of - Amoeba, Hydra, liverfluke, Ascaris, leech, earthworm, prawn, , starfish, shark, , frog, , pigeon and</li> <li>. 4. Tissues and diversity in shape and size of plant cells (palisade cells, guard cells, 6 parenchyma, collenchyma, sclerenchyma, xylem and phloem) through temporary and permanent slides.</li> <li>5. Tissues and diversity in shape and size of animal cells (squamous epithelium, smooth, skeletal and cardiac muscle fibers and mammalian blood smear) through temporary/permanent slides. .</li> <li>6. Different modifications in roots, stems and leaves.</li> <li>7. Different types of inflorescence (cymose and racemose).</li> </ol> |

# ISLAMIC STUDIES

## Winter Assignment 2021-22

|          |  |
|----------|--|
| 11<br>AB | Research on the concept of divorce and its wisdom including the following points: 1. Types of divorce 2. Condition/Purpose 3. Procedure according to Shari'ah. |
|----------|--|

## Holiday Assignment

### Grade 11 Computer Science

#### Dictionary Program 2:

1. Write a menu driven program to implement the following:

a. Create a student dictionary and add the following details:

```
Student = {1: {'adm_no': XXXX, 'name': 'XXXXXXXXXX', 'class':'XXXX', 'marks': [xx, xx, xx, xx, xx], 'total': xx, 'percentage':xx}}
```

b. Display the details of all students.

c. Display name, total and percentage of all students in descending order of their percentage.

NAME:

CLASS: XI

مفردات

اختر مرادفاً للكلمة التي تحته خطاً في كل جملة من الجمل الآتية.

1 تكاتف السكان لتنظيف الحديقة.

أ تعاون

ب ذهب

ج خطط

د أسرع

2 تباطأ الطالب في عمله.

أ نجح

ب تقدم

ج تمهل

د استمر

3 بدا الصبي هزياً.

أ صغيراً

ب ضعيفاً

ج سعيداً

اختر الكلمة المكتوبة بشكل صحيح لإكمال كل من الجمل الآتية.

4 \_\_\_\_\_ الطُّلابُ لُطفاء.

أ هاؤلاءِ

ب هاؤلاءِ

ج هؤلاءِ

د هؤلاءِ

5 \_\_\_\_\_ الوَلَدُ السَّمْعَةُ.

أ يُطْفِيءُ

ب يُطْفِئُ

ج يُطْفِئُ

د يُطْفِئُ

6 انْصَمَّ \_\_\_\_\_ إليهم لِالتِقاطِ صوَرَةِ عائِلِيَّةِ.

أ أبناؤُهُم

ب أبنائُهُم

ج أبناءُهُم

د أبناؤُهُم

أكمل الجُمْلَةَ الآتِيَةَ بِاخْتِيارِ الكَلِمَةِ المُناسِبَةِ.

7 المَجْتَهِدَاتُ \_\_\_\_\_ .

أ فائزتان

ب فائزون

ج فائزات

د فائزان

أجب عن السؤالين الآتيين.

8 اختر الجُمْلَةَ الصَّحِيحَةَ مِنْ بَيْنِ الجُمَلِ الآتِيَةِ.

أ المَهْرَجُونَ مُضْحِكُونَ

ب المَهْرَجِينَ مُضْحِكُونَ

ج المَهْرَجُونَ مُضْحِكِينَ

د المَهْرَجِينَ مُضْحِكِينَ

9 اختر الجُمْلَةَ الصَّحِيحَةَ مِنْ بَيْنِ الجُمَلِ الآتِيَةِ.

أ كَانَ البَيْتُ قَدِيمًا.

ب كَانَ البَيْتُ قَدِيمٌ.

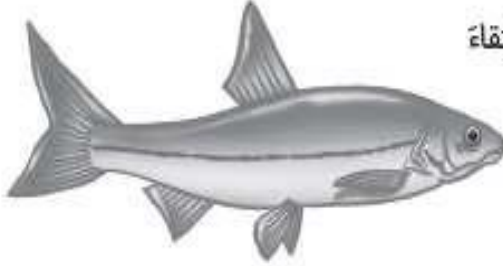
ج كَانَ البَيْتُ قَدِيمًا.

د كَانَ البَيْتَ قَدِيمًا.

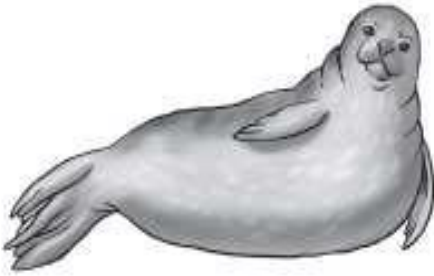


## مخلوقات الأعماق المتجمدة

يَتَصَوَّرُ الكَثِيرُ مِنَ النَّاسِ أَنَّهُ نَظَرًا لِتَعْطِيةِ الثَّلُوجِ لِلْمُطِيقَتَيْنِ القُطْبِيَّتَيْنِ لِلأَرْضِ الجَنُوبِيَّةِ وَالشَّمَالِيَّةِ، لَدَا قَهْمَا فَارِعَتَانِ مِنَ الحَيَاةِ، وَلَكِنْ قَدْ تَكُونُ المَظَاهِرُ خَادِعَةً: فَفِي الحَقِيقَةِ تَعِجُّ هَذِهِ المَنَاطِقُ بِالحَيَاةِ تَحْتَ الجَلِيدِ، وَقَدْ طَوَّرَتِ العَدِيدُ مِنَ الحَيَوَانَاتِ مَلَاحِمَ مُبِدَعَةً تَسْمَحُ لَهَا بِالبَقَاءِ عَلى قَبْدِ الحَيَاةِ فِي بَيْئَةٍ مَلِيئَةٍ بِخَدَّيَاتِ المُحِيطَاتِ القُطْبِيَّةِ.



**أَسْمَاكٌ مُقَاوِمَةٌ لِلتَّجْمِدِ:** لَا تَسْتَطِيعُ مُعْظَمُ أَنْوَاعِ الأَسْمَاكِ البَقَاءَ عَلى قَبْدِ الحَيَاةِ فِي المِيَاهِ القُطْبِيَّةِ، لِأَنَّهَا بَارِدَةٌ جَدًّا وَتَنُمُو بِلُورَاتٍ تُلْجُ صَغِيرَةً فِي أَجْسَادِهَا، مِمَّا يُسَبِّبُ لَهَا التَّجْمِدَ وَالْمَوْتَ، وَلَكِنْ هُنَاكَ مَجْمُوعَةٌ مِنَ الأَسْمَاكِ تُسَمَّى بِالـ(نوتوثينيودس) لَهَا نَوْعٌ خَاصٌّ مِنَ الدَّمِ يُسَاعِدُهَا عَلى البَقَاءِ عَلى قَبْدِ الحَيَاةِ فِي المِيَاهِ المُتَّجِمَّةِ مِنْ خِلَالِ إيقَافِ بِلُورَاتِ الثَّلْجِ هَذِهِ مِنَ النُّمُو.



**عَوَاصُونٌ مُشِيرُونَ لِلإِعْجَابِ:** تَقْضِي فُقُمَاتٌ (وَيَدْبُلٌ) مُعْظَمَ أوقَاتِهَا تَحْتَ الجَلِيدِ حَوْلَ القَارَةِ القُطْبِيَّةِ الجَنُوبِيَّةِ، حَيْثُ يُمَكِّنُهَا العُثُورُ عَلى الطَّعَامِ وَتَجَنَّبِ الحَيَوَانَاتِ المُفْتَرِسَةَ، وَلَكِنْ عَلىهَا الشُّعُودُ إِلَى السُّطْحِ لِتَنفِيسِ الهَوَاءِ كُلِّ حَمْسٍ وَأَرْبَعِينَ دَقِيقَةً عَلى الأَقْل. وَإِذَا لَرِمَ الأَمْرُ، تَحْفَرُ الفُقُمَاتُ فَتَحَاتِ لِلهَوَاءِ فِي الجَلِيدِ بِأَسْنَانِهَا وَلَكِنْ يُضِخُ هَذَا الأَمْرُ أَكْثَرَ صُعُوبَةً مَعَ تَقَدُّمِهَا فِي السَّنِ لِأَنَّ أَسْنَانِهَا تُصَابُ بِالثَّلْفِ.



**صَغِيرَةٌ وَلَكِنَّهَا قَوِيَّةٌ:** يَبْلُغُ طُولُ الوَاحِدِ مِنْهَا 6 سَنْتِمِترٍ فَقَطْ، يُمَكِّنُ لـ(كِرِيل) القُطْبِ الجَنُوبِيِّ أَنْ يَعْيشَ لِشَهْوَرٍ دُونَ طَّعَامٍ لِأَنَّ أَجْسَامَهَا تَسْكِمُشُ عِنْدَمَا يُضِخُ الطَّعَامُ نَادِرًا، وَعَادَةً مَا يَضَعُدُ إِلَى سَطْحِ المَاءِ فِي اللَّيْلِ لِیَبْتَعُدِي، وَلَكِنْ عِنْدَمَا تَتَّعَطَى المِيَاهُ بِالجَلِيدِ يَأْكُلُ (الكِرِيل) الطَّحَالِبَ الَّتِي تَنُمُو عَلى الجَانِبِ السُّفْلِيِّ لِلجَلِيدِ البَحْرِيِّ وَمِنْ نَمَّ يَعودُ إِلَى المِيَاهِ العَمِيقَةِ لِلهُرُوبِ مِنَ الحَيَوَانَاتِ المُفْتَرِسَةَ. عَلى الرُّغْمِ مِنْ أَنَّ أَحْجَامَ (كِرِيل) القُطْبِ الجَنُوبِيِّ صَغِيرَةٌ جَدًّا، وَلَكِنَّهَا تَزِنُ بِشَكْلِ جَمَاعِيٍّ أَكْثَرَ مِنْ كُلِّ البَسْرِ فِي العَالَمِ.

- 10 انظُرْ إِلَى الْفِقْرَةِ الْأُولَى.  
مَا الْأَمْرُ الَّذِي قَدْ يُفَاجِئُ النَّاسَ عَنِ الْمَنَاطِقِ الْقُطْبِيَّةِ؟
- أ دَرَجَةُ الْحَرَارَةِ
  - ب كَمِّيَّةُ الْجَلِيدِ
  - ج كَمِّيَّةُ الْمِيَاهِ
  - د عَدَدُ الْحَيَوَانَاتِ

- 11 انظُرْ إِلَى قِسْمِ «أَسْمَاكَ مُقَاوِمَةٌ لِلتَّجْمُدِ».  
مَا الْمِيزَةُ الْخَاصَّةُ الَّتِي تُسَاعِدُ أَسْمَاكَ (النُوتوثِينِيُودَس) لِلبَقَاءِ عَلَى قَيْدِ الْحَيَاةِ؟
- أ طَبِيعَةُ دَمِهَا
  - ب شَكْلُ أَجْسَامِهَا
  - ج قُدْرَتُهَا عَلَى الْعَوِصِ
  - د أَسْنَانُهَا الْحَادَّةُ

- 12 مَا الَّذِي تَسْتَحْدِمُهُ فُقَمَاتُ (وَيَدِيلُ) لِحَفْرِ فَتْحَاتٍ فِي الْجَلِيدِ؟
- أ دَيْلُهَا
  - ب زَعَانِفُهَا
  - ج أَسْنَانُهَا
  - د نَابُهَا

- 13 انظُرْ إِلَى قِسْمِ «عَوَاصُونَ مُثِيرُونَ لِلإِعْجَابِ».  
مَا الَّذِي قَدْ يَبْدُو صَعْبًا لِفُقَمَاتِ (وَيَدِيلُ) الْمُتَقَدِّمَةِ فِي السَّنِّ؟
- أ الْحُصُولُ عَلَى الْهَوَاءِ
  - ب الْهُرُوبُ مِنَ الْحَيَوَانَاتِ الْمُفْتَرِسَةِ
  - ج الْعُثُورُ عَلَى الطَّعَامِ
  - د الْعَوِصُ الْعَمِيقُ جِدًّا

## **Grade 11 Maths**

### **Winter break assignment.**

Dear Students,

It's time to be in touch with academics along with fun.

As we have done Trigonometric functions in April, we need to revisit this chapter and gain mastery over it, as it is the base for calculus which we learn from grade 12 onwards.

Solve all the solved examples, exercise questions, Miscellaneous exercise and atleast 10 questions from any other reference books.



# AL AIN JUNIORS SCHOOL

## Holiday Assignment (2021-22)

Grade : XI B

Date of submission :  
02/01/2022

Business studies (054)

Max Marks : 20

### General Guidelines for Project work.

By means of Project Work the students are exposed to life beyond textbooks giving them opportunities to refer materials, gather information, analyze it further to obtain relevant information and decide what matter to keep.

#### ASSESSMENT

The marks will be allocated on the following heads.

1. Initiative, cooperativeness and participation
2. Creativity in presentation
3. Content, observation and research work
4. Analysis of situations
5. Viva

#### **Project file should contain**

Cover page, certificate page (will be provided from the school), topic, index, Project Data collected, survey, analysis and interpretation, graphical representation, conclusion and bibliography.

**Students must take any one topic during the academic session of Class XI**

#### CASE STUDY ON A PRODUCT

- a) Take a product having seasonal growth and regular demand with which students can relate.  
For example,  
Apples from Himachal Pradesh, Kashmir.  
Oranges from Nagpur,  
Mangoes from Maharashtra/U.P./Bihar/Andhra Pradesh etc.  
Strawberries from Panchgani,  
Alivora from Rajasthan,  
Walnuts/almonds from Kashmir,  
Jackfruit from South,  
Guavas from Allahbad,  
Fishes from coastal areas.  
Dates of UAE  
Or any other product which student prefer.

Students may develop a Case Study on the following lines:

- (i) Research for change in price of the product. For example, apples in Himachal Pradesh / dates in UAE during plucking and non -plucking season.
- (ii) Effect on prices in the absence of effective transport system.
- (iii) Effect on prices in the absence of suitable warehouse facilities.
- (iv) Duties performed by the warehouses.
- (v) Demand and supply situation of the product during harvesting season, prices near the place of origin and away. Students may be motivated to find out the importance of producing and selling these products and their processed items along with the roles of Transport, Warehousing,

## AIDS TO TRADE

### **Banking.**

Take banking as aids to trade and gather the following information.

- i) Development of banking in India/ UAE
- ii) Types of banks
- iii) Functions of banking
- iv) Service of banks
- v) Types of deposit accounts
- vi) Importance of banking in Indian economy/ UAE economy
- vii) Banking regulation Act.
- viii) RBI/ Central Bank of UAE

### **Insurance**

Insurance and gathering information on following aspects

1. History of Insurance Lloyd's contribution. 2. Development of regulatory Mechanism. 3. Insurance Companies in India /UAE 4. Principles of Insurance. 5. Types of Insurance. Importance of insurance to the businessmen. 6. Benefits of crop, orchards, animal and poultry insurance to the farmers. 7. Terminologies used (premium, face value, market value, maturity value, surrender value) and their meanings. 8. Anecdotes and interesting cases of insurance. Reference of films depicting people committing fraudulent acts with insurance companies. 9. Careers in Insurance.

## **SUBJECT: MARKETING**

### **Guidelines for Project Work in Marketing(Class XI)**

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

- ☑ Probe deeper into theoretical concepts learnt in class XI
- ☑ 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**

- 6) Collection of the research material/data
- 7) Organization of material/data
- 8) Present material/data
- 9) Analysing the material/data for conclusion
- 10) Draw the relevant conclusion.
- 11) Tables and graphs of the related topics.
- 12) Making vedio,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.

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.

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

### **Marking Scheme:**

| S.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 |

### **Suggested list of projects:**

**Students should do any one of the following projects.**

1. Prepare a practical file by collecting print advertisements and analysing the message conveyed in marketing of goods, services people, ideas, experience, events, places, properties, organisations and information. Suggest an alternative mode of communication to the firm and create an advertisement for the same.
2. Visit in a group to different marketing organisations in your locality (distributors, wholesalers, retailers). Make a detailed project report to find the marketing activities of each of them respectively. Also identify different activities followed in selling and marketing **(Permission will be granted if the normalcy revisited after corona effect petered out)**
3. Prepare a project report on macro environmental scanning of a firm or an industry of your choice.
4. Identify a firm of your choice and prepare a detailed file on its micro environment.
5. Prepare a project report by visiting your nearby market and find how many atta (or pen) brands are available? Which brand is targeting which segment of the market and why? Also discuss targeting and positioning strategy of the brand. Suggest alternative strategies and justify. **(Permission will be granted if the normalcy revisited after corona effect petered out)**
6. Prepare a detailed report of the marketing mix of a prominent consumer good and a service provider, for its multiple brands.
7. Interview your friends, parents, relatives for a recent purchase made by them. Prepare a detailed project report on the same. **(Permission will be granted if the normalcy revisited after corona effect petered out)**
8. In today's context, take example of at least 10 industries working in different sectors for their ETOP profit.
  - ☐ How the price crude oil and politics play a role in the establishment and survival of own industry.

### **9. Selling Vs. Marketing:**

- a) Why is selling a part of marketing?
- b) Suggest with suitable example of different companies with their brands.
- c) How is the marketing concept applied in those different companies.
- d) Compare the concept of selling with marketing.
- e) Concept/ Philosophies of Marketing
- f) Collection of name of different companies with their product.
- g) Classify their products and identify the marketing concept/ Philosophy used by the company to be in the market.

### **Questionnaire:**

Your project work should be well backed by the novel evidence that you have through conducting surveys. While conducting surveys, you have to prepare the questionnaire (having essential questions) in full fledged manner.

- Questionnaire should be of 4 Pages. The survey to be administered to 10 respondents.

**AL AIN JUNIORS SCHOOL**  
**Holiday Assignment (2021-22)**

- Each product should be compared with any 3 brands of choice.
- Questions should include all elements mentioned in the questions.
  - Prior consent regarding the questions in the questionnaire to be taken from the subject teacher before the survey is administered.
  - Students should take their Emirates Id and certificate provided during their visit.
  - The survey can be permitted in line with ADEK Guidelines to be followed by the school in the midst of Covid-19 pandemic.

**Essentials:**

- The total length of the project will be of 35 to 40 pages. (Excluding questionnaire and 10 graphs with observations).
- The project should be handwritten in blue/ black pen.
- 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.



|                                   |                   |              |
|-----------------------------------|-------------------|--------------|
| Grade : XI B                      | Accountancy (055) | Max Marks:10 |
| Date of submission:<br>02/01/2022 |                   |              |

**Project work General Instructions.**

- **Project file contains:**  
Cover page, certificate page, Acknowledgement, index, project statement(subject matter), Planning and execution of the project, presentation of information, analysis, interpretation and conclusion, graph / chart, bibliography.
- **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.**

**I COMPREHENSIVE PROJECT**

The student(s) will be allowed to select any business of their choice or develop the transaction of imaginary business. The project is to run through the chapters and make the project an interesting process. The amounts should emerge as more realistic and closer to reality.

Comprehensive project of any sole proprietorship business. This may state with journal entries and their ledgering, preparation of Trial balance. Trading and Profit and Loss Account and Balance sheet. Expenses, incomes and profit (loss), assets and liabilities are to be depicted using pie chart / bar diagram

**List of options to the students to select a business form.**

You can add to the given list:

1. A beauty parlour
- 2) Men's wear
- 3) A coffee shop
- 4). Men's saloon
- 5) Ladies wear
- 6) A music shop
- 7) A tailoring shop
- 8) Kiddies wear
- 9) A juice shop
- 10) A canteen
- 11) A Saree shop
- 12) A school canteen
- 13) A cake shop
- 14) Artificial jewellery shop
- 15). An ice cream parlour
- 16). A confectionery shop
17. A small restaurant
- 18). A sandwich shop
- 19) A chocolate shop
- 20) A sweet shop
- 21) A flower shop
- 22) A dry cleaner
- 23) A grocery shop
- 24) A stationery shop
- 25) A shoe shop.

After selection, visit a shop in the locality (this will help to settle on a realistic amounts different items. The student(s) would be able to see the things as you need to invest in furniture, decor, lights, machines, computers etc.

**A suggested list of different item is given below.**

Rent, Wages and Salary, Advance rent [approximately three months], Newspaper and magazines, Electricity deposit, Petty expenses, Electricity bill, Tea expenses, Electricity fitting, Packaging expenses, Water bill, Transport , Delivery cycle or a vehicle purchased , Water fittings , Registration, Telephone bill, Insurance, Telephone security deposit , Auditors fee , Telephone instrument , Repairs & Maintenance , Furniture, Depreciations , Computers, Fans and lights ,Stationery , Interior decorations, Advertisements, Refrigerators, Glow sign , Purchase and sales, Rates and Taxes etc.

You are required to prepare Journal, ledger accounts, Trial Balance and Final accounts Interpret the items of Final accounts using Graphical representation.

