



**ASIAN INTERNATIONAL SCHOOL**  
**SUMMER HOLIDAY HOMEWORK**  
**CLASS XII COMMERCE**  
**SESSION :2023-2024**

<b>SUBJECT</b>	<b>TASK ASSIGNED</b>
<b>ENGLISH</b>	<p><b>PROJECT-</b> The History of Indigo Cultivation in India: Research the history of indigo cultivation in India, including its origins, the impact of the British Raj, and the role of Mahatma Gandhi in the Champaran Satyagraha.</p> <p><b>Guidelines:</b></p> <ol style="list-style-type: none"><li>1) The work must be done in channel file using A4 paper.</li><li>2) Relevant pictures to be used to enhance the beautification of the project.</li><li>3) Students must use only black or blue pen.</li><li>4) The chronology to be used while making the project is as follows:</li></ol> <ol style="list-style-type: none"><li>1) Title Page</li><li>2) Acknowledgement</li><li>3) Table of Contents</li><li>4) Introduction of the Topic</li><li>5) Aims and Objectives</li><li>6) Body of the project ( along with pictures)</li><li>7) Conclusion</li><li>8) Bibliography</li></ol> <p>( Word Limit - 800- 1000 words)</p> <p>21<sup>st</sup> Century Skills: Cognitive skills, Creative and Critical thinking skills, Writing and analytical skills.</p>

**ACCOUNTANCY**

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

- (i) Comparative and common size financial statements
- (ii) Accounting ratios
- (iii) Segment reports
- (iv) Cash flow statements

The comprehensive project may contain simple GST calculations.

General instructions to be followed for doing your project:

- 1 – Cover page (Title of the project, Subject code, Student's information, School information)
- 2 – Acknowledgements
- 3 – Certificate by guide
- 4 – Certificate by student
- 5 – List of Contents or Index
- 6 – Company profile
- 7 – Preface
- 8 – Introduction
- 9 – Planning and activities done during the project
- 10 – Observations and findings
- 11 – Conclusions
- 12 – Photographs, diagrams, schedules
- 13 – Bibliography

The total length of the project will be at least 25 to 30 words. The project should be handwritten. The project should be presented in a neat folder (shoelace file).

**BUSINESS STUDIES**

Identify one product/service as given which the students may like to manufacture/provide. Students are required to make a project on the identified product/service keeping in mind the following:

- 1 – Your reason for selecting this product/service.
- 2 – Other five competitive brands in the market.
- 3 – Licenses and permissions required.
- 4 – USP (unique selling proposition) of your competitors.
- 5 – Range of products.
- 6 – Name of your product.
- 7 – Enlist its features.
- 8 – Draw the label of your product.

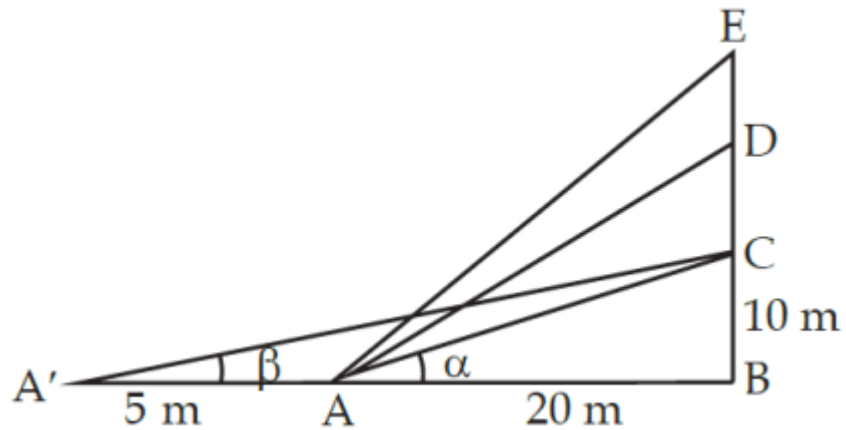
	<p>9 – Draw a logo for your product.  10 – Draft a tagline.  11 – Selling price of your competitor’s product to consumers, retailers and wholesalers.  12 – Profit margin in percentage for manufacturer, wholesaler, retailer.  13 – Packaging of product.  14 – Channel of distribution – give reasons.  15 – Warehousing decisions – give reasons.  16 – Selling Price of your product – to consumers, retailers, wholesalers.  17 – Five ways of promoting your product.  18 – Different schemes for wholesaler, retailer, consumer.  19 – USP of your product.  20 – Transportation mode and why that mode.  21 – Social message of your product/service.  22 - Cost effective techniques applied for production.  23 – Implementing 4P’s of Marketing.</p> <p>Guidelines for doing the project:</p> <ul style="list-style-type: none"> <li>(i) Total length of the project should be 25-30 pages.</li> <li>(ii) It should be a handwritten project in a neat file.</li> <li>(iii) Create your own brand.</li> <li>(iv) Sequence: <ul style="list-style-type: none"> <li>(a) Cover page – project title, student information, school and year</li> <li>(b) Contents</li> <li>(c) Acknowledgement</li> <li>(d) Introduction</li> <li>(e) Topic with heading and body</li> <li>(f) Activities done during the project</li> <li>(g) Observations and findings</li> <li>(h) Conclusions</li> <li>(i) Photographs (if any)</li> <li>(j) Appendix</li> <li>(k) Teacher’s observation and signature</li> </ul> </li> </ul>
<p><b>ECONOMICS</b></p>	<p>General instructions to be followed for doing your project:</p> <ul style="list-style-type: none"> <li>(i) Cover page</li> <li>(ii) Acknowledgement</li> <li>(iii) Certificate by guide</li> <li>(iv) Certificate by student</li> <li>(v) List of content or Index</li> </ul>

	<ul style="list-style-type: none"> <li>(vi) Company profile</li> <li>(vii) Preface</li> <li>(viii) Introduction</li> <li>(ix) Planning activities done during the project</li> <li>(x) Observation and findings</li> <li>(xi) Conclusions</li> <li>(xii) Compulsory include: Photographs, Diagrams, Schedule, Pie Chart, Bar Diagram</li> <li>(xiii) Bibliography</li> </ul> <p>Essentials: Project should be handwritten and it should be presented in a neat folder (shoelace file).</p>
<b>COMPUTER SCIENCE</b>	Management System as per CBSE guidelines.
<b>MATHEMATICS</b>	<p style="text-align: center;">Assertion-Reasoning MCQs</p> <p>Each of these questions contains two statements: Assertion (A) and Reason (R). Each of these questions also has four alternative choices, any one of which is the correct answer. You have to select one of the codes (a), (b), (c) and (d) given below.</p> <ul style="list-style-type: none"> <li>(a) A is true, R is true; R is a correct explanation for A.</li> <li>(b) A is true, R is true; R is not a correct explanation for A..</li> <li>(c) A is true; R is False.</li> <li>(d) A is false: R is true.</li> </ul> <p>1. Assertion (A) The relation R in the set <math>A = \{1, 2, 3, 4, 5, 6\}</math> defined as <math>R = \{(x, y) : y \text{ is divisible by } x\}</math> is not an equivalence relation.</p> <p>Reason (R) The relation R will be an equivalence relation, if it is reflexive, symmetric and transitive.</p> <p>2. Assertion (A) If R is the relation defined in set <math>\{1, 2, 3, 4, 5, 6\}</math> as <math>R = \{(a, b) : b = a + 1\}</math>, then R is reflexive.</p> <p>Reason (R) The relation R in the set <math>\{1, 2, 3\}</math> given by <math>R = \{(1, 2), (2, 1)\}</math> is symmetric.</p> <p>3. Let R be any relation in the set A of human beings in a town at a particular time.</p>

Assertion (A) If  $R = \{(x, y) : x \text{ is wife of } y\}$ , then  $R$  is reflexive.  
Reason (R) If  $R = \{(x, y) : x \text{ is father of } y\}$ , then  $R$  is neither reflexive nor symmetric nor transitive.

4. The Government of India is planning to fix a hoarding board at the face of a building on the road of a busy market for awareness on COVID-19 protocol. Ram, Robert and Rahim are the three engineers who are working on this project. 'A' is considered to be a person viewing the hoarding board 20 metres away from the building, standing at the edge of a pathway nearby, Ram Robert and Rahim suggested to the film to place the hoarding board at three different locations namely C, D and E. 'C' is at the height of 10 metres from the ground level. For the viewer 'A', the angle of elevation of 'D' is double the angle of elevation of 'C'. The angle of elevation of 'E' is triple the angle of elevation of 'C' for the same viewer.

*Look at the figure given and based on the above information answer the following:*



(i) Measure of  $\angle CAB =$

- (a)  $\tan^{-1}(2)$
- (b)  $\tan^{-1}(1/2)$
- (c)  $\tan^{-1}(1)$
- (d)  $\tan^{-1}(3)$

(ii) Measure of  $\angle DAB =$

- (a)  $\tan^{-1}(3/4)$
- (b)  $\tan^{-1}(3)$
- (c)  $\tan^{-1}(4/3)$

(d)  $\tan^{-1}(4)$

**(iii) Measure of  $\angle EAB$**

(a)  $\tan^{-1}(11)$

(b)  $\tan^{-1}(3)$

(c)  $\tan^{-1}(2/11)$

(d)  $\tan^{-1}(11/2)$

**(iv) A' is another viewer standing on the same line of observation across the road. If the width of the road is 5 meters, then the difference between  $\angle CAB$  and  $\angle CA'B$  is**

(a)  $\tan^{-1}(1/12)$

(b)  $\tan^{-1}(1/8)$

(c)  $\tan^{-1}(2/5)$

(d)  $\tan^{-1}(11/21)$

5. Sherlin and Danju are playing Ludo at home during Covid-19. While rolling the dice, Sherlin's sister Raji observed and noted the possible outcomes of the throw every time belongs to set  $\{1, 2, 3, 4, 5, 6\}$ . Let A be the set of players while B be set of all possible outcomes.  $A = \{S, D\}$ ,  $B = \{1, 2, 3, 4, 5, 6\}$

*Based on the above information answer the following:*

**(i) Let  $R : B \rightarrow B$  be defined by  $R = \{(x, y) : y \text{ is divisible by } x\}$  is**

(a) Reflexive and transitive but not symmetric

(b) Reflexive and symmetric but not transitive

(c) Not reflexive but symmetric and transitive

(d) Equivalence

**(ii) Raji wants to know the number of functions from A to B. How many number of functions are possible?**

(a)  $6^2$

(b)  $2^6$

(c)  $6!$

(d)  $2^{12}$

**(iii) Let R be a relation on B defined by  $R = \{(1, 2), (2, 2), (1, 3), (3, 4), (3, 1), (4, 3), (5, 5)\}$ . Then R is**

(a) Symmetric

(b) Reflexive

	<p>(c) Transitive (d) None of these three</p> <p>(iv) Raji wants to know the number of relations possible from A to B. How many numbers of relations are possible? (a) <math>6^2</math> (b) <math>2^6</math> (c) <math>6!</math> (d) <math>2^{12}</math></p> <p>(v) Let <math>R : B \rightarrow B</math> be defined by <math>R = \{(1, 1), (1, 2), (2, 2)(3, 3), (4, 4), (5, 5), (6, 6)\}</math>, then R is (a) Symmetric (b) Reflexive and Transitive (c) Transitive and symmetric (d) Equivalence</p>
<b>INFORMATICS PRACTICES</b>	Booking / Reservation system as per CBSE guidelines.
<b>HINDI</b>	<p>कक्षा- बारहवीं ग्रीष्मकालीन अवकाश गृहकार्य</p> <p>1. कला समेकित शिक्षा पर आधारित हिंदी परियोजना कार्य पाठ- सिल्वर वैडिंग टॉपिक- 'सिल्वर वैडिंग' पाठ पीढ़ी अंतराल पर कटाक्ष है। अपने अनुभव के आधार पर इस अंतराल को कहा तक उचित समझते हो ? तथा भारतीय और पाश्चात्य संस्कृति के मिश्रण से हमें क्या लाभ और हानि हो रही है अपने शब्दों में समझाकर लिखें (लगभग (100 से 150 शब्दों )</p> <p>नोट - 1. परियोजना कार्य में भारतीय एवं पाश्चात्य संस्कृति पर आधारित चित्र अवश्य लगाएं । 2. कार्य स्वच्छ एवं आकर्षक होना चाहिए।</p>
<b>PHYSICAL EDUCATION</b>	<p>Practical 1 – Fitness tests administration: (a) SAI Khelo India Fitness Test in school. (b) Rikli &amp; Jones – Senior Citizen Fitness test.</p>

	<p>Practical 2 – Procedure for Asanas, benefits and contraindication for any two Asanas for four lifestyle disease (Obesity, Diabetes, Asthma, Hypertension).</p> <p>Practical 3 – Anyone IOA recognised Sport/Game (Football, Basketball, Volleyball, Cricket, Badminton) of your choice. Labelled diagram of field and equipment. Also mention its rules, terminologies and skills.</p> <p>Record file have to be maintained in your own handwriting in a shoelace file.</p>
<p><b>WEB APPLICATION</b></p>	<p>Creating a grocery website using HTML and CSS. Maintain these guidelines:</p> <ol style="list-style-type: none"> <li>1 – All the codings should be printed.</li> <li>2 – Colour screen shots need to be pasted.</li> <li>3 – Project file should have a spiral binding.</li> <li>4 – Project file should consist of a certificate as well as acknowledgement.</li> </ol>
<p><b>FINANCIAL MARKETS MANAGEMENT</b></p>	<p>GENERAL INSTRUCTIONS FOR THE PROJECT:</p> <p>OBJECTIVES OF THE PROJECT METHODOLOGY OF STUDY INTRODUCTION IMPORTANCE ADVANTAGES DISADVANGES TYPES CLASSIFICATION CONCLUSION BIBLIOGRAPHY</p>

**N.B:** Details of the Projects have been uploaded on ERP as well as shared on the official class WhatsApp group.