

Holiday Homework

Class XI 2023-24

Instructions:

1. Attempt all questions neatly & accurately
2. All questions & answers are to be done in your English Fair note book with an introductory page and proper captions.
3. For question 3 prepare any three topics out of the given.

Q.1 Read the following passage carefully and answer the questions.

The Mastermind quiz is billed as a "battle of minds". This battle is fought in two halves. In the first, each of four participants faces a barrage of questions, for two minutes, on any topic of his or her choice. In the second round, the questions are on general knowledge. There are two points for each correct answer and zero for wrong answers and passes. In the event of a tie, the person who has passed fewer questions wins.

1. Questions can be bizarre, but they are answered none the less. "It absolutely amazes you that these guys know so much. In KBC, it used to be, that this guy knows so little," says Basu after the show. Siddhartha Basu was the director of Kaun Banega Crorepati (KBC).

2. This year's Mastermind final was won by Ramanand Janardhana, a 22 year-old software engineer from Pune. Janardhana had Agatha Christie's 'Tommy and Tuppence' novels as his specialist topic. He even knew that Tommy used asofoetida to create a stink in his room.

3. There are, of course, all sorts of quizzers. The diary-toting, Manorama yearbook, wielding variety will typically prepare for a contest by 'studying'. He knows that the best questions, the ones that get the 'wah-wahs', are always repeated. He is a solid quizzer, because he knows the obvious.

4. There is the other kind, like Janardhana, who claim they do nothing extra to prepare for quizzes. They read the papers and magazines, watch TV, and become quizzers because they enjoy the test of recall.

6. It was a test the nation took when KBC fever was at its height. But long before KBC, there were quiz societies across the country, in places from Guwahati to Gandhinagar. Kolkata was the hub of the game; quizzing in India

began here in 1967. Even now, the majority of quizzers are from Kolkata. Of the four 2002 Mastermind finalists, two were from that city.

7. Quizzing is big in school and college festivals. It's the 'literary' highlight of all fests. There are even professional quizzers, who, like mercenaries, play for money and the thrill of the game. They represent various organisations at different times.

8. Most quizzers grow out of active quizzing after college. Some, the really hardcore devotees of the game, keep at it. "I don't get tired of quizzing," says Pinaki Prasad Roy, a Mastermind finalist. "I get excited." Roy is a 46-year old finance professional from Kolkata, and has been a quizzer for three decades.

9. Curiosity is the most essential quality for a quizzer. A fantastic memory and instant recall help. And for Mastermind at least, the choice of specialist subject is critical. In this year's event, Janardhana took an unassailable lead in the specialist round itself.

Q 1.A. Answer the following questions by choosing the most appropriate option: 6

1. **The Mastermind quiz is called a 'battle of minds' because.....**

- (a) it is a duel of wits
- (b) the participants are the most intelligent persons
- (c) the participants face a shower of questions
- (d) the mind is on the anvil

2. **The participants in the quiz seem 'masterminds' because.....**

- (a) they seem to know so little
- (b) they have very polished manner
- (c) they show lot of self confidence
- (d) they seem to know so much

3. **Ramanand Janardhana won as.....**

- (a) he had mastery over the specialist topic
- (b) he had gone through the quiz columns in magazines
- (c) he had chinks in his memory/recall
- (d) he knew all the often repeated questions asked by quizmasters

4. **The studious quizzers are called 'solid' quizzers because.....**

- (a) they prepare expected questions
- (b) they know the obvious
- (c) they bank on general awareness
- (d) they enjoy the test of recall

5. **The quality most essential for a quizzer is.....**

- (a) love of learning
- (b) mathematical accuracy
- (c) curiosity to know
- (d) comprehensive learning

6. **The word 'mercenaries' in para 7 means.....**

- (a) those who seek mercy
- (b) those who work on machines
- (c) those who are lively and quick
- (d) those who fight for money

1.B. Answer the following questions in brief: 6

7. Why did Ramanand Janardhana win mastermind final?

8. Who are called solid quizzers? Why?

9. Which is the most essential quality of a quizzer?

10. How is Kolkata associated with quizzing game?

11. Find the words from the passage which are similar in meaning to these words.

- (a) Those who fight for money (para 7)
- (b) Enthusiasts (para 8)

Q2. Rearrange the following into meaningful sentences.

- (a) Extremely/a/grief/it/is/that matter/unkindly/animals/are/of exploited.
- (b) killed/they are/beaten/chained/and/mercilessly/trained.
- (c) their/heed/but/hears/and/pays/nobody/to/cries.
- (d) friends/auxiliaries/animals/necessary/are our/and/survival/for our
- (e) animal/matters/our vision/a world/should be/where/welfare

Q3. Prepare the following topics for ASL.

- (a) Corruption in India
- (b) Digital India

- (c) Make in India
- (d) India Of My Dreams
- (e) Indian Tourism
- (f) India : The Land of Great Personalities
- (g) Poverty in India
- (h) My Favourite Book
- (i) Impact of Smart Phones
- (j) Online Learning

Subject- Accountancy

Prepare Project on Accounting Principles/Concepts

(Mention four examples of each Concepts)

Subject - Business Studies

Project Work

1. Make a project file on "Human activities "

A. Find out the people around you and analyse in which activity they are involved.

OR

2. Make a project file on any one "Form of business organisation" and take one live example from the market.

CH-1:NATURE AND PURPOSE OF BUSINESS

1.Explain spice, silk route and transportation in ancient time period with regard to business.

2. What is the basis of differentiating between economic and non-economic activities? Classify the following activities as economic or non-economic:

(a) A property dealer selling house for commission

(b) A housewife doing household work at home

(c) A teacher teaching in the school

(d) A person offering prayer in the church

3.What do you understand by 'Business' and give its characteristics?

4.Rama bought a readymade dress for 5000rupess.Her friend liked the design of dress very much ,so ram sold the same dress to her friend for 5500rupess and made profit of 500rupess.After completing her studies Rama opened a shop selling readymade dresses for girls.

(a) Can transaction between Rama and her friend be termed as business?

(b) State features related to "a"

(c) Can dress sold at her shop be termed as business?

5. What are the various objectives of business. Explain in detail.

6. "Profit is not the objective of the business." Do you agree with this statement? Support your answer with reasons.

7. Explain nature and causes of business risk.

8. Rajiv wants to start a wholesale business of readymade garments, but he is hesitating as it involves various problems such as searching for customers, for moving goods from place of production to market, informing customers about new design and varieties added every season, threat of risk loss by fire or accident, storing the excess stock of goods, etc. He approaches his friend Sandeep who explained him about some branches of Commerce, which can help Rajiv to overcome his education

(a) State the type of business planning to start

(b) State which dimension of business can help Rajiv to overcome his entrance.

(c) Specify different types of auxiliaries to trade which can help Rajiv overcome his problems. For each type of from above para.

9. Sachin's father had gifted him his old laptop. Sachin wanted a latest laptop with some advanced features on his coming birthday. As the old laptop was not needed by his father, he decided to sell the laptop on OLX.com and then purchase a new one. Sachin sold his laptop and was very delighted to make his first business deal. While making his purchase of new laptop from flipkart.com he read a notice about some relief material being collected for J&K Flood relief work. He informed his friends about the relief material, they formed a team of five students and decided to collect the material from their neighborhood and send for relief work. Can the transaction by Sachin be termed as business transaction? Why or why not, state and explain the relevant feature of business.

10. Give an explicit example of each of the following:

(a) Any professional body and its associated profession

(b) Extractive industry

(c) Pure business risk

(d) Entrepot trade

Ch 2 :- Forms of Business Organisations

1. Gurmeet is running a General Store under the name daily needs in a local market. He takes all the decisions about the business himself. Without any interference from others and get all the profit as a reward for bearing the full risk. In the context of above case.

(A) Identify and define the form of business organisation in which Manoj has formed his business

(B) State any four features of that form..

2. Mr Sumit Grover owns ancestral house in Goa. On the advice of his friend, he converted it into a hotel after renovation. The hotel was running smoothly and revenue from the hotel help to increase his income. on his death the property was inherited by his three sons. Eldest son Raj, second Sameer, youngest son Rahul who continued the business as joint Hindu family business.

(I) Name the law which govern the joint Hindu family business

(ii) Who among the three with brothers has right to control the business

(iii) What will be liability of three brothers

3. Define partnership and give its characteristics.

4. Differentiate between partnership and LLP

5. X, Y, Z have mutually decided to set up a small factory in rural area. They decided to hide the association of 'X' with the factory to outsiders, and 'Y' will not take part in day today activities of business due to his health issues. However, Z will take active part in all activities. whenever they have problem in getting credit or financial help they use the name of their friend 'P' with his consent. Briefly explain the various types of partners mentioned in above paragraph.

6. Explain Cooperative organisation, giving its features merits and demerits.

7. Bharat Private Limited was promoted in 2005 by a group of 5 friends. as business of the company has grown considerably over the years, its management is now planning to convert it into public company and rays funds through public subscriptions of funds for expansion projects. state Any four privileges that company will have to forego to convert the public limited company

8. What are the various stages involved in the formation of company

9. . A, B and C are partners in a firm manufacturing autoparts. Their firm is not registered. In order to increase the earnings of the firm, B decided to use low quality raw materials without the knowledge of A and C. As a result many reported by the consumers and a case has been filed against the firm.

(a) Is this wrong act of B binding on the A and C?

(b) State the feature related to this.

(c) Can consumers file case on unregistered firm?

(d) Can A and C file case on B?

10. Kiran is a sole proprietor. Over the past decade, her business has grown from operating a neighbourhood corner shop selling accessories such as artificial jewellery bags, hair clips and nail art to a retail chain with three branches in the city. Although she looks after the varied functions in all the branches, she is wondering whether she should form a company for better management of the business. She also has plans to open branches countrywide.

(a) Explain two benefits of remaining a sole proprietor.

(b) Explain two benefits of converting it to a joint stock company.

(c) What role will her decision to go nationwide play in her choice of form of the organisation?

(d) What legal formalities will she have to undergo to operate business as a company?

Subject - Economics

XI	Economics	Write all the key words /define the terms	Prepare crossword puzzle on chapter 1 (micro economics)	Project file as discussed in class Write at least 20 pages	Watch movie EMI : 2008 movie review (max 200 words)
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Subject Main Maths

Holiday Homework
Class XI (Mathematics)

1. Draw the Venn diagram of $A' \cap B'$ and $A' \cup B'$.
2. If $a \in N$ such that $aN = \{ax : x \in N\}$. Describe the set $3N \cap 7N$.
3. Find the number of proper subset of a set containing 3 elements.
4. Find the number of subsets containing 6 elements.
5. Two finite sets A and B have m and k elements respectively. If the ratio of the number of subsets of A and B is 64: 1 and $n(A) + n(B) = 12$, then find the value of m and k.
6. Let $U = \{1, 2, 3, 4, 5, 6, 7, 8\}$, $A = \{2, 4, 6, 7\}$ and $B = \{1, 3, 4, 6, 8\}$. Prove both De Morgan's Law.
7. Write the set $R = \{(x - 2, x^2) : x \text{ is a prime number less than } 10\}$ in Roster form.
8. Find the number of relations from A to B if $n(A) = 2$ and $n(B) = 3$.
9. If $R = \{(x, y) : x \text{ and } y \text{ are whole numbers, } x^2 + y^2 = 169\}$, find domain and range of R.
10. Find domain and range of the function $f(x) = \sqrt{x^2 - 25}$.
11. Find the domain and range of a function $f(x) = \frac{x-1}{|x-1|}$.
12. If $f(x) = x^3 - \frac{1}{x^3}$, show that $f(x) + f\left(\frac{1}{x}\right) = 0$.
13. Find the domain and range of a function $f(x) = \frac{x-2}{3-x}$.
14. Find the domain and range of a function $f(x) = \sqrt{x-1} + \sqrt{3-x}$.
15. Draw the graph of $f(x) = |x - 1|$.

Activity 1:- To verify distributive law for three given non empty sets A, B and C, that is,
 $A \cup (B \cap C) = (A \cup B) \cap (A \cup C)$ by using Venn Diagram.

Activity 2:- To distinguish between a relation and a function.

Note: Write all the trigonometric values and formulas in your fair register.

Subject- Applied Maths

Holiday Homework
Class XI (Applied Mathematics)

1. Draw the Venn diagram of $A' \cap B'$ and $A' \cup B'$.
2. If $a \in N$ such that $aN = \{ax: x \in N\}$. Describe the set $3N \cap 7N$.
3. Find the number of proper subset of a set containing 3 elements.
4. Find the number of subsets containing 6 elements.
5. Two finite sets A and B have m and k elements respectively. If the ratio of the number of subsets of A and B is 64: 1 and $n(A) + n(B) = 12$, then find the value of m and k.
6. Let $U = \{1, 2, 3, 4, 5, 6, 7, 8\}$, $A = \{2, 4, 6, 7\}$ and $B = \{1, 3, 4, 6, 8\}$. Prove both De Morgan's Law.
7. Write the set $R = \{(x - 2, x^2) : x \text{ is a prime number less than } 10\}$ in Roster form.
8. Find the number of relations from A to B if $n(A) = 2$ and $n(B) = 3$.
9. If $R = \{(x, y) : x \text{ and } y \text{ are whole numbers, } x^2 + y^2 = 169\}$, find domain and range of R.
10. Find the sum of all two digit numbers which when divided by 4 leaves remainder 1.
11. The sum of the three terms of A.P. is 24 and their product is 440. Find the numbers.
12. Find three terms of G.P. whose product is 216 and the sum of their products in pairs is 156.
13. Sum of three numbers of G. P. is $13/12$ and their product is -1. Find the numbers.
14. The common ratio is $-4/5$ and the sum of infinity is $80/9$. Find the first term.
15. The A.M. and G.M. between two positive numbers are 10 and 8 respectively. Find the numbers.

Note: Write all the trigonometric values and formulas in your fair register.

Subject- Entrepreneurship

- Prepare any four case studies on the budding Entrepreneur, identifying their product, industry and challenges.

Subject- Music

Project File:

1. Introduction of Raag Bhairav
2. Notation of Drut Khayal of Raag Bhairav
3. Introduction of TeenTaal
4. Leykari of TeenTaal (Thah(Ekgun), Dogun, Tigun, Chaugun).

Subject – Painting

Best out of waste

Flower Pots from Soft Drink Bottles

Subject Home Science

Practical Work:

1. Record your own diet for a day and evaluate this meal in terms of inclusion of the five food groups.

2. To know the various emotions one frequently experiences in a day and observe the situations in which they arise.

Learn all the work done in the class.