



DELHI PUBLIC SCHOOL ASANSOL

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SESSION : 2024-25

CLASS: 12 B



SUBJECTS	HOMEWORK
ENGLISH	<ol style="list-style-type: none">1. Project- Interview Based Research- Evolving food habits in my Neighbourhood Frame a Questionnaire for an interview of your neighbors- at least two with pictures. Indicate their feedback with the help of statistics, pictures and posters.2. Prepare a Report on the basis of the interview.3. Deep Water – Make a table highlighting the name of swimmers, nationality and their achievements and honours and titles conferred on them.4. The Rattrap – Make a Christmas tree Depict the character traits of the protagonists of the story highlighting the essence of Christmas spirit.5. Job Application Letter M/s Tenant Technologies, Swetnagar, Bengaluru has advertised on Jobs.com some positions of Web-content Managers. Write a job application to offer your services. Express your willingness to work

with them and invent all the other necessary details. Enclose your Bio-data as well.

6. You have read 'Adventure' by Jayant Narlikar in Hornbill in class- XI

and the The Third Level by Jack Finney in class-XII. Compare the

interweaving of fantasy and reality in the two stories.

Comprehension

Read the passage carefully.

1. Ghost nets aren't supernatural, but they are legitimately scary. A ghost net is fishing net that's been lost or abandoned in the ocean. They are one particularly appalling part of the global ghost fishing problem, which includes fishing gear abandoned in the water. Any net or line left in the ocean can pose a threat to marine life. Just because a net is no longer used by fishers doesn't mean it stops working. These nets continue to trap everything in their path, presenting a major problem for the health of our oceans and marine life.

2. Ghost nets entangle sea turtles, walrus, dolphins and porpoises, birds, sharks, seals and more, apart from catching fish. The nets keep animals from moving freely, cause injuries and keep mammals and birds from rising to the surface for air. Since hundreds of animals can be caught in a single net, this threat is monumental. The ghost nets harm coral reefs too—breaking corals, exposing them to disease and even blocking the reefs from needed sunlight.

3. Ghost nets are also a major contributor to the ocean plastics' crisis. Most modern nets are made of nylon or other plastic compounds that can last for centuries. According to a 2018 study in Scientific Reports, ghost nets make up at least 46 percent of the Great Pacific Garbage Patch. Those abandoned fishing lines and nets that do breakdown never go away; they just become smaller pieces of plastic. Marine animals mistake this micro plastic for food and eat it, which can harm internal organs, keep them from eating and expose them to toxic chemicals.

4. Exorcising ghost nets from our oceans will require commitment, cooperation and innovation. Many groups are working to remove ghost nets from the sea and are collaborating with local fishers and governments around the world to identify target areas and remove as many nets as possible. In 2015, a single World Wildlife Fund for Nature (WWF)-led mission in the Baltic Sea hauled up 268 tons of nets, ropes and other material.

To stop these nets from becoming ghosts in the first place, conservation organisations advocate for fishing gear that can be traced to its owner so anyone dumping nets can be fined and refundable deposits on nets to

encourage returning or recycling rather than littering. Tools like sonar reflectors that can make ghost nets easier to find and working with small-scale fisheries to develop more sustainable fishing gear and practices are other suggestions. It is only by attacking this problem from all sides, together with conservation partners, fishers and supporters, can we banish ghost nets and protect our oceans.

1.1 Based on your understanding of the passage, answer the questions given below.

1. Complete the sentence by choosing an appropriate option.

Ghost nets have been named so because they _____.

- A. cause much harm to the marine life
- B. are functional though not in use by fishers
- C. are not owned by anyone
- D. act as a snare for all animals in oceans

2. Comment on the writer's reference to the ghost nets in paragraph one, as a health problem for the oceans.

3. List the two ways being entangled in a ghost net is likely to impact a walrus.

4. Select the option that conveys the opposite of 'negligible', from words used in paragraph two.

- A. unimpressive
- B. monumental
- C. exposing
- D. threat

5. The writer would agree with the given statements based on paragraph three, EXCEPT:

- A. Most ghost nets take a few years to completely disintegrate.
- B. Ghost nets contribute to the Great Pacific Garbage Patch.
- C. Most ghost nets provide nutrition to marine animals, upon disintegration.
- D. Ghost nets can curtail freedom of marine animals.

Accountancy	<p>Project Work One specific project based on financial statement analysis of a company covering any two aspects from the following:</p> <ol style="list-style-type: none"> 1. Comparative and common size financial statements 2. Accounting Ratios 3. Segment Reports 4. Cash Flow Statement <p>Q1. Features of a partnership firm are : (A) Two or more persons are carrying common business under an agreement. (B) They are sharing profits and losses in the fixed ratio. (C) Business is carried by all or any of them acting for all as an agent. (D) All of the above.</p> <p>Q2. The ratio in which a partner surrenders his share in favour of a partner is known as:</p> <ol style="list-style-type: none"> (a) New profit-sharing ratio (b) Sacrificing Ratio (c) Gaining Ratio (d) Capital Ratio <p>Q3. Mr. Rakesh , purchased business of Mr. Aditya. Calculate the value of goods on two years' purchase of average profit of the firm from the following:</p> <p>2020: ₹94,000 (excluding ₹8,000 as insurance premium on the firm's property-now to be insured)</p> <p>2021: ₹1,25,000 (including the abnormal gain of ₹20,000)</p> <p>2022: ₹78,600 (after charging an abnormal loss of ₹4,000)</p> <p>Q4 . Good reputation of Business is very important for a business how can you say?</p> <p>Q5. A firm earned the net profits during the last three years as follows:</p>

Years	Profit (₹)
2018	18,400
2019	15,300
2020	21,700

The capital employed in the firm is ₹3,40,000, and a fair return on capital is 17%. Calculate the value of goodwill of the firm based on three years' purchase of average super profit.

Business Studies

Project work

Element of Business environment

Changes witnessed over the last few years on mode of packaging and its economic impact. The teacher may guide the students to identify the following changes:

- 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.

OR

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. Centralisation and decentralisation.**
- 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. Standardisation and simplification of work.**
- 3. Method study.**
- 4. Motion Study.**
- 5. Time Study.**
- 6. Fatigue Study**
- 7. Differential piece rate plan.**

Q1. Managers apply management principles by using creativity.
This is related to

1. Management as Science
2. Management as an Art
3. Management as both Science and Art
4. Management as a profession

Q2. According to the technique of Scientific management
"Differential Piece Wage

system" How much more will a worker making 60 units earn as compared to a worker

making 49 units? If the standard output per day is 50 units and those who make

standard output or more than standard get Rs. 75 per unit and those below get Rs. 65

per unit.

(a) Rs. 4500

(b) Rs. 3185

(c) Rs. 1315

(d) Rs. 3250

Q3. Introduction of mobile phone have negatively affected the business of watches and

cameras" Which factor of business environment is related with the sentence.

(a) Technological environment

(b) Social environment.

(c) Political environment

(d) Legal environment

Q4. Nikita and Salman completed their MBA and started working in a multinational company at the same level. Both of them worked hard and were happy with their employer. Salman had the habit of back-biting and wrong reporting about his colleagues to impress his boss. All the employees in the organisation knew about it. At the time of performance appraisal, the performance of Nikita was judged to be better than Salman. Even then their boss, Mohammed Sharif, decided to promote Salman stating that being a female, Nikita would not be able to handle the complications of a higher post.

1. Identify and explain the principle of management which was not followed by this, multinational company.

	<p>2. Identify the values which are being ignored quoting the lines from the above paragraph</p> <p>Q5. After completing her MBA, Beni took up a job with a multinational company named Fortio. The company paid good salaries and perks to its employees. The wages were within the paying capacity of the company that provided the employees with a reasonable standard of living. The company also had a good work-culture and the behaviour of superiors was very good towards their subordinates. Beni was very happy in this organisation but due to long working hours, she did not have time to cook her meals. She had to depend upon outside food which was deteriorating her health.</p> <p>She observed that this problem was faced by many of her colleagues, not only in her company but also in many other companies. This was because of increase in the number of working women and non-availability of hygienic home-cooked food. She identified this as a great opportunity and decided to give up her job to supply packaged home-cooked food to office-goers at a reasonable price. At the end of the day, she also distributed the leftover food to the nearby night-shelters.</p> <ol style="list-style-type: none"> 1. State the dimension of business environment being discussed above. 2. State the principle of management being followed by Fortio. 3. Identify any two values being communicated by the company to society in above case
<p>Economics</p>	<p>Project work Role of RBI in Control of Credit</p> <p style="text-align: center;">OR</p> <p>Sustainable Development Goals (SDG's)</p> <p>Q1. Goods used as a raw material for further productions are called</p> <ol style="list-style-type: none"> (a) Intermediate goods (b) Final goods (c) Production goods (d) Capital goods <p>Q2. Identify the following goods into capital goods and Consumer goods</p> <ol style="list-style-type: none"> (a) Bread (b) pen (C) chalk (d) machine (e) taxi car <p>Q3. Land , labour, capital and Entrepreneurship are called</p> <ol style="list-style-type: none"> (a) Fact payment

	<p>(b) Factor service (c) National factor (d) Production factor Q4. Explain circular flow of income. Q5. Explain real flow.</p>
<p>Mathematics</p>	<p>Write any five projects</p> <p>i) Prepare a questionnaire to collect information about money spent by your friends in a month on activities like travelling, movies, recharging of the mobiles, etc. and draw interesting conclusions</p> <p>ii) Check out the local newspaper and cut out examples of information depicted by graphs. Draw your own conclusions from the graph and compare it with the analysis given in the report</p> <p>iii) Analysis of population migration data – positive and negative influence on urbanization</p> <p>iv) Each day newspaper tells us about the maximum temperature, minimum temperature, and humidity. Collect the data for a period of 30 days and represent it graphically. Compare it with the data available for the same time period for the previous year</p> <p>v) Analysis of career graph of a cricketer (batting average for a batsman and bowling average for a bowler). Conclude the best year of his career. It may be extended for other players also – tennis, badminton, athlete</p> <p>vi) Vehicle registration data – correlating with pollution and the number of accidents</p> <p>vii) Visit a village near Delhi and collect data of various crops over the past few years from the farmers. Also, collect data about temperature variation and rain over the period for a particular crop. Try to find the effect of temperature and rain variations on various crops</p> <p>viii) Choose any week of your ongoing semester. Collect data for the past 10 – 15</p>

	<p>years for the amount of rainfall received in Delhi during that week. Predict the amount of rainfall for the current year ix) Weather prediction (prediction of monsoon from past data) x) Visit Kirana shops near your home and collect the data regarding the sales of certain commodities over a month. Try to figure out the stock of a particular commodity which should be in the store in order to maximize the profit</p>
<p>COMPUTER</p> <p>SCIENCE</p>	<p>Class XII: Make your group project file for CBSE board examination.</p>