



SARALA BIRLA PUBLIC SCHOOL

Mahilong, Ranchi

ASSIGNMENT – 3 (2018-19)

Class – XII [Commerce]

Name : _____ UID: _____

Subject : English

1. You are asked to prepare a poster on behalf of Delhi Police traffic department asking people to cooperate by not violating the traffic rules. Draft it.
2. You are Mr. Chandra Mohan Singh of Rajendra Nagar, Delhi. Draft an invitation for your daughter Shradha's marriage.
3. Write a letter from a business firm to a customer in reply to his complaint that the goods sent were received in damaged condition.
4. India is a country which has always respected women. Write an article in 150-200 words on "Status of Women in Free India".

Subject : Mathematics

1. Find area between curves $y = x^2$ and $y = 3x - 2$ from $x = 0$ to $x = 2$.
2. Find area common to circle $x^2 + y^2 = 2$ and the parabola $y^2 = x$.
3. Evaluate $\int_0^{\frac{\pi}{2}} \frac{x}{\sin x + \cos x} dx$.
4. Solve : $(x^2 - y^2)dx + 2xydy = 0$ given that $y = 1$ when $x = 1$.
5. Solve: $(x \frac{dy}{dx} - y) \tan^{-1} \frac{y}{x} = x$ given that $y=0$ at $x=1$.
6. Curves $y = \sin x$ and $y = \cos x$ intersect at infinite number of points forming regions of equal area between them. Calculate area of one such region.
7. The population of a village increases continuously at the rate proportional to the number of its inhabitants present at any time. If the population of the village was 20, 000 in 1999 and 25000 in the year 2004, what will be the population of the village in 2009?

Subject : Business Studies

1. How branding benefits marketers and customers?
2. 'Advertising' and 'Personal Selling' both are communication tools used by the marketers to promote their products. Yet they differ in their approach. Differentiate between the two by giving any six differences.
3. What is Labelling? State any five functions of labelling.
4. State any six responsibilities of a consumer which should be kept in mind while purchasing the goods.
5. Explain, in brief, any six functions of consumer organizations in the area of consumer protection.

Subject : Accountancy

1. Following information is given by a company from its books of accounts as on March 31, 2015:

Particulars	Rs.
Inventory	1,00,000
Total Current Assets	1,60,000
Shareholders' funds	4,00,000
13% Debentures	3,00,000
Current liabilities	1,00,000
Net Profit Before Tax	3,51,000
Cost of revenue from operations	5,00,000

Calculate:

- i) Current Ratio
- ii) Liquid Ratio
- iii) Debt Equity Ratio
- iv) Interest Coverage Ratio
- v) Inventory Turnover Ratio

- Q2.** Calculate following ratios from the following information:

(i) Current ratio (ii) Liquid ratio (iii) Operating Ratio (iv) Gross profit ratio

Current Assets	Rs. 35,000
Current Liabilities	Rs. 17,500
Inventory	Rs. 15,000
Operating Expenses	Rs. 20,000
Revenue from Operations	Rs. 60,000
Cost of Revenue from operation	Rs. 30,000

- Q3.** From the following, calculate (a) Debt-Equity Ratio (b) Total Assets to Debt Ratio (c) Proprietary Ratio.

Equity Share Capital	Rs. 75,000
Preference Share Capital	Rs. 25,000
General Reserve	Rs. 45,000
Balance in the Statement of Profit & Loss	Rs. 30,000
Debentures	Rs. 75,000
Trade Payables	Rs. 40,000
Outstanding Expenses	Rs. 10,000

- Q4.** Virani Industries Ltd. issued 1,00,000, 10% Debentures of Rs. 10 each at a discount of 9% on April 1st, 2001 redeemable as follows:

31 st March 2003	-	20,000 Debentures
31 st March 2004	-	30,000 Debentures
31 st March 2005	-	20,000 Debentures
31 st March 2006	-	Remaining Debentures

Calculate the amount of discount to be written off each year and prepare discount on issue of debentures account.

Q5. X Ltd. invited applications for 11,000 shares of Rs. 10 each issued at 10% premium payable as:

On application	Rs. 3 (including Rs. 1 premium)
On allotment	Rs. 4 (including Rs. 1 premium)
On 1 st Call	Rs. 3
On 2 nd & final call	Rs. 2

Applications were received for 24000 shares.

Category I : One fourth of the shares applied for allotted 2000 shares.

Category II: Three fourth the shares applied for allotted 9000 shares.

Remaining applicants were rejected. Mr. Mohan holding 300 shares out of Category II failed to pay allotment and two calls and his shares were re issued @ Rs. 11 fully paid-up. Pass necessary journal entries.

Subject : Economics:

- Q1. What is foreign exchange? Explain with the help of a diagram how foreign exchange rate is determined under a flexible exchange rate regime?
- Q2. Explain the meaning of inflationary gap with the help of a diagram. State two measures by which this can be corrected.
- Q3. Explain the conditions of consumer's equilibrium under Indifference Curve approach. Use a diagram also.
- Q4. What do you mean by double counting? Explain any three precautions to be taken while counting National Income according to the Income Method.
- Q5. Equilibrium price may or may not change with shifts in both demand and supply curves. Comment.

Subject : Entrepreneurship

- Q1. What is meant by primary market? Briefly explain the concept of Right Issue for existing companies'?
- Q2. While there are benefits to going public, at the same time additional obligations and reporting requirements on the companies and its directors means disadvantages too what are they? Explain.
- Q3. Explain the characteristics of angle investors.
- Q4. Explain the two dominant forms of budgeting process.
- Q5. What is working capital? What is the need for a working capital?

Subject : IP

1. WAP in JAVA to implement database connectivity with mysql where database contains student table with the following fields: (gameID, GameName, Score, Top_score, Remarks)
2. Create a web page to implements the form controls used in HTML.

Subject :- H.V.M

1. Write the notation of Drut Khayal in Rag Bhimpalasi with aaroh,avroh,Pakad.
2. Write the detailed description of Saudhi prakash Rag.

Subject : PHYSICAL EDUCATION (048)

1. What is the importance of high altitude training?
2. Describe the factors influencing self-esteem and body image?
3. What are the methods for flexibility training to improve the optimum flexibility?