



## SARALA BIRLA PUBLIC SCHOOL

Mahilong, Ranchi

ASSIGNMENT – 3 (2018-19)

Class – XI [ Commerce ]

Name : \_\_\_\_\_ UID: \_\_\_\_\_

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**Subject : English**

1. You wish to buy a second hand owner driven car in good condition. Draft an advertisement for the same in “ the Indian express “ under the classified colu giving your preferences. (4)
2. Write an application for the post of Accountant to the General sales Manager Excellent Chemical Ltd Saran, Tower Building, Barakhamba Road, New Delhi. ' seen the advertisement in 'The Times of India' . (6)
3. You are Kriti/ Kamal, the cultural secretary of your school. Recently your scho celebrated the 20<sup>th</sup> anniversary of its foundation. Write a report for your schc magazine in 150-200 words on the celebration of Founder’s Day in your scho
4. Rearrange them to form meaningful sentences. (5)
  - i. Worked/ charley/at the office/ One/ Late/ night
  - ii. to get/ was in/ to his apartment/ a hurry/he
  - iii. the sub-way/so he/ Grand Central/take/from / decide to
  - iv. into/doorway/he/an arched/ducked
  - v. a deep / impairment/agony/physical/causes/mental

**Subject – Mathematics**

1. Explain whether the given statements are true or false:
  - a. The sum of infinite AP  $1 + 2 + 2^2 + 2^3 + \dots$  is given by  $\frac{a}{1-r} = \frac{1}{1-2} = -1$ .
  - b. If a, b, c are in GP,  $\log a$ ,  $\log b$ ,  $\log c$  are in AP.
  - c.  $2x^2 + 3xy + y^2 = 0$  represents a pair of straight lines passing through origin.
  - d. The product of slope of the angle bisectors of two straight lines  $x+y=1$  and  $2x-3y=2$  is -1.
  - e. The sum of n arithmetic means between two given numbers is n times the single arithmetic mean between them.
2. Find the sum of the series  $\frac{1}{\sqrt{1}+\sqrt{2}} + \frac{1}{\sqrt{2}+\sqrt{3}} + \frac{1}{\sqrt{3}+\sqrt{4}} + \dots + \frac{1}{\sqrt{n-1}+\sqrt{n}}$ .
3. Find the value of  $\theta$  if  $1 + \cos\theta + \cos^2\theta + \dots \infty = 2$  ( $0 < \theta < \pi$ ).
4. Find the equation of a straight line which cuts off an intercept of length y-axis and is parallel to the line joining the points (3, -2) and (1, 4).
5. Find the equation of the line which passes through the point (3, 4) and the sum of its intercepts on the axes is 14.

6. Find the area of parallelogram whose sides are given by  $|x| + |y| = 2$ .

**Subject : Accountancy**

Q1. Azad Ltd. purchased furniture on October 01, 2014 for Rs. 4,50,000. On March 01, 2015 it purchased another furniture for Rs. 3,00,000. On July 01, 2016 it sold off the first furniture purchased in 2014 for Rs. 2,25,000.

Depreciation is provided at 15% p.a. on written down value method each year. Accounts are closed each year on March 31. Prepare furniture account, and accumulated depreciation account for the years ended on March 31, 2015, March 31, 2016 and March 31, 2017. Also give the above two accounts if furniture disposal account is opened.

Q2.. Ganga Ltd. purchased a machinery on January 01, 2014 for Rs. 5,50,000 and spent Rs. 50,000 on its installation. On September 01, 2014 it purchased another machine for Rs. 3,70,000. On May 01, 2015 it purchased another machine for Rs. 8,40,000 (including installation expenses). Depreciation was provided on machinery @10% p.a. on original cost method annually on December 31.

Prepare:

(a) Machinery account and depreciation account for the years 2014, 2015, 2016 and 2017.

(b) If depreciation is accumulated in provision for Depreciation account then prepare machine account and provision for depreciation account for the years 2014, 2015, 2016 and 2017.

Q3. The following balances appear in the books of Crystal Ltd, on Jan 01, 2015

Machinery account on	Rs.	15,00,000
Provision for depreciation account		5,50,000

On April 01, 2015 a machinery which was purchased on January 01, 2012 for Rs. 2,00,000 was sold for Rs. 75,000. A new machine was purchased on July 01, 2015 for Rs. 6,00,000. Depreciation is provided on machinery at 20% p.a. on Straight line method and books are closed on December 31 every year. Prepare the machinery account and provision for depreciation account for the year ending December 31, 2015.

Q4. What are the differences between provisions and Reserves?

Q5. Lilly sold goods to Methew on 1.3.2017 for Rs.12,000 and drew upon Methew a bill of exchange for the same amount payable after two months. Lilly immediately discounted the bill with her bank at 9% p.a. The maturity date of the bill was a non business day (holiday), therefore, Lilly had to present the bill as per the provisions of the Indian Instruments Act.1881. The bill was dishonoured by Methew and Lilly paid Rs.45 as noting charges. Methew settled the claim of Lilly five days after the dishonour of the bill by a cheque, which includes interest @ 12%

for the term of the bill. Journalise the above transactions in the books of Lilly and Methew and prepare Methew's account in the books of Lilly and Lilly's account in the books of Methew.

**Subject : Entrepreneurship**

- Q1. Explain barriers to entrepreneurship'.
- Q2. Explain the success story of Lijjat Papad.
- Q3. What are secondary industries? Discuss briefly the different types of secondary industries.
- Q4. Define commerce and discuss its functions.
- Q5. What is 'Market Development Strategy'? How can the same be applied by the entrepreneur?

**Subject: Economics**

- Q1. Why is the total revenue curve of a price-taking firm an upward-sloping straight line? Why does the curve pass through the origin?
- Q2. What is meant by prices being rigid? How can oligopoly behaviour lead to such an outcome?
- Q3. Explain why the demand curve facing a firm under monopolistic competition is negatively sloped.
- Q4. What are the differences between monopoly and monopolistic completion?
- Q5. What are the characteristics of a perfectly competitive market?

**Subject : HVM**

1. Write the notation of Drut Khayal in Rag Jaunpuri with Aaroh, Avroh, Pakad.
2. Write the name of the Gharavas of Hindustani sangrta with their founders.

**Subject : PHE**

ATTEMPT ALL THE QUESTIONS

1. What are the differences between growth and development?
2. Explain the procedure for measurement of arm length, upper arm length and upper leg length?

**Subject: BST**

1. What are the safety measures during physical activity and adventure sports? private company is superior to a public company. Discuss this statement in the light of privileges of a private company.
2. Cottage industries are characterized by certain features. Discuss any three.
3. What do you mean by online transactions? Discuss the process of online shopping from the buyer's point of view.
4. There are various types of co-operative societies. Discuss any three such co-operative societies.