



SARALA BIRLA PUBLIC SCHOOL

Mahilong, Ranchi

Assignment-3 (2019-20)

Class : XI

ENGLISH

1. 'The Tale of Melon City' has been narrated in a verse form. This is a unique style which lends extra charm to an ancient tale. Find similar examples in your language write the story in your class work copy along with the writer's description as: i. writer's name, ii. born on, iii. period of work, iv. genre, v. awards, vi. notable works and vii. his style of writing.
2. Complete the story with the hint given as: (In class work copy)
Travelling in a metro-tunnel-lights went out-general panic-pushing and shoving-screams-phone flashlights switched on-an old man.....

MATHS

Lab activity in 14,18,21,28,33

PHYSICS

Activities:

1. To make a paper scale of given least count eg. 0.2 cm, 0.5 cm
2. To study the variation in range of a projectile with angle of projection.

CHEMISTRY

1. Define i. Extensive property ii. Molar heat capacity
2. Derive relationship between K_p and K_c
3. Describe the effect of ; (i) addition of H_2 (ii) removal of CO (iii) removal of CH_3OH .
On the equilibrium of the reaction; $2H_2(g) + CO(g) \rightarrow CH_3OH(g)$.
4. A sample of $HI(g)$ is placed in flask at a pressure of 0.2 atm. At equilibrium the partial pressure of $HI(g)$ is 0.04 atm. What is K_p for the given equilibrium;
 $2HI(g) \rightleftharpoons H_2(g) + I_2(g)$.

BIOLOGY

- 1) Draw a labelled diagram of chloroplast.
- 2) Draw the Calvin Cycle and describe it under three stages: Carboxylation, reduction and regeneration.

ACCOUNTANCY

- 1) In case of long term asset, repair and maintenance expenses rise in later years than in earlier year. Which method is suitable for charging depreciation if the management does not want to increase burden on profit and loss account of depreciation and repairs.
- 2) Distinguish between 'provision' and 'reserve'.
- 3) Give two examples of revenue reserve and capital reserve.
- 4) Azad Ltd. Purchased furniture on October 1, 2002 for rs 4,50,000. On March 1, 2003 it purchased another furniture for rs 3,00,000. On July 1, 2004 it sold off the first furniture purchased in 2002 for rs 2,25,000. Depreciation is provided @15% p.a. on WDV method. Prepare furniture a/c, accumulated depreciation a/c and furniture disposal a/c.
- 5) What is bills of exchange? Name the parties of bills of exchange.

BUSINESS STUDIES

1. Briefly explain classification of sources of funds on the basis of ownership.
2. Write down the advantages of Retained Earning.
3. Mention the factors upon which amount of working capital of a firm depends.
4. Explain the method of online transaction.
5. Differentiate between Shares and Debentures.

ECONOMICS

1. Briefly discuss the shape of TR, MR and AR curves with the help of an imaginary schedule and diagram, when price remains same.
2. State the difference between Implicit and Explicit Cost.
3. Differentiate between Census and sampling method of data collection.
4. Why does the difference between Average Total Cost and Average Variable Cost decrease with an increase in the level of output? Can these two be equal at some level of output? Explain.
5. Discuss the advantages and disadvantages of graphic presentation of data.

ENTREPRENEURSHIP

1. What are the common methods used for surveying?
2. Explain in brief Kraft Foods Company's Decision Model.
3. Explain two major types of Market Survey.
4. Give and explain the concept of "World is Shrinking".
5. Draw the table of Ans off. Matrix/ Market Expansion Grid.