

**Class: XI**

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**ENGLISH**

1. You are the Head Girl of LOC Public School, Ooty. Your school is going to organize a 'Fete' in the school campus. Draft a poster on it in not more than 50 words inventing necessary details.
2. The Residents' Welfare Colony Association, Udaipur is organizing a 'Gangor Bazaar' in the city. As the President of the Association draft a notice in 50 words informing the residents about the same. Give the essential details about the Bazaar.
3. 'Private cars should be banned in the congested commercial areas of the cities'. Write a debate in 120-150 words either for or against the motion.
4. Write the theme of the poem 'Childhood'.
5. No matter what your profession is, moral values always play an important role in making you a complete human being. Explain with reference to the chapter 'Birth'.

**ECONOMICS**

1. The price elasticity of supply of commodity Y is half the price elasticity of supply of commodity X. 16 per cent rise in the price X results in a 40 per cent rise in its supply. If the price of Y falls by 8 per cent, calculate the percentage fall in its supply.
2. Explain two merits and demerits of Lorenz curve.
3. Answer the following :
  - (i) What is measure of Central Tendency? Name some of the measures. (*At least three*)
  - (ii) Define mode. Give two applications of mode in our daily life.
4. The price elasticity of supply of commodity Y is half the price elasticity of supply of commodity X. 16 per cent rise in the price X results in a 40 per cent rise in its supply. If the price of Y falls by 8 per cent, calculate the percentage fall in its supply.
5. Calculate quartile deviation from the following data :  
139, 140, 140, 141, 141, 142, 142, 143, 143, 144, 144, 145

**BUSINESS STUDIES**

1. Discuss the features of a departmental store. How are they different from multiple shops or chain stores?
2. Prepare a questionnaire to find out the actual problems faced by an owner of a small-scale unit.(10 questions)
3. Do you observe any difference in the retail business of yesterday and the times to come?  
Prepare a brief write-up with reference to the latest developments in the retail market.

**ACCOUNTANCY**

1. Rectify the following errors assuming that suspense account was opened.
  - i. Ascertain the difference in trial balance.
  - ii. Credit sales to Mohan Rs. 7,000 were recorded in Purchase Book. However, Mohan's account was correctly debited.
  - iii. Credit purchases from Rohan Rs. 9,000 were recorded in sales book. However, Rohan's account was correctly credited.

- iv. Goods returned to Rakesh Rs. 4,000 were recorded in sales return book. However, Rakesh's account was correctly debited.
  - v. Goods returned from Mahesh Rs. 1,000 were recorded through purchases return book. However, Mahesh's account was correctly credited.
  - vi. Goods returned to Naresh Rs. 2,000 were recorded through purchases book. However, Naresh's account was correctly debited.
2. On Jan 01, 2015, Shankar purchased goods from Parvati for Rs.8,000 and immediately drew a promissory note in favour of Parvati payable after 3 months. On the date of maturity of the promissory note, the Government of India declared a holiday under the Negotiable Instruments Act 1881. Since, Parvati was unaware about the provision of the law regarding the date of maturity of the bill, she handed over the bill to her lawyer, who duly presented the bill and received the payment. The amount of the bill was handed over by the lawyer to Parvati immediately. Record the necessary Journal entries in the books of Parvati and Shankar.
  3. Pass entries in the books of Devdhar & Bros. Odisha, assuming all transactions have been entered within the state, charging CGST and SGST @ 9% each:
 

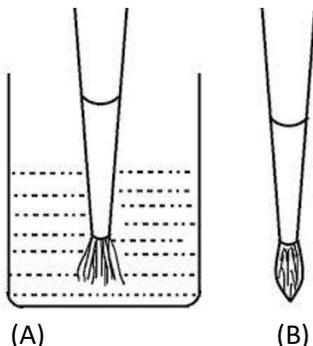
2018

March 4	Purchased goods for Rs.5,00,000 from Sunil Bros.
7	Goods returned to Sunil Bros. for Rs.20,000
10	Sold goods to Mehta & Co. for Rs.8,00,000
12	Goods returned by Mehta & Co. for Rs.30,000
20	Goods withdrawn by Proprietor for personal use Rs.10,000
25	Goods distributed as free samples Rs.5,000
26	Paid advertisement expenses by cheque Rs.20,000
31	Payment made of balance amount of GST.

### PHYSICS

1. Explain Modulus of Elasticity and its various forms? (Explain in Details)
2. State and explain Bernoulli's Theorem.
3. Derive the expression for Displacement, velocity and acceleration of the particle executing simple harmonic wave.
4. Draw Stress – strain curve and analyse the following on the basis of the curve-
 

(a) Proportional Limit	(b) Elastic limit
(c) Permanent set	(d) Fracture point
(e) Elasticity	(f) Plasticity
5. Derive the expression for centre of mass of two particle systems by drawing a suitable diagram.
6. State Pascal's law. On the basis of Pascal's law explain the working of either Hydraulic Brakes or Hydraulic Lift (any One) with suitable diagram.
7. The hair of a dry brush dipped into water spread out:





5. Define RQ .What is its value for fats?
6. Which one of the plant growth regulators would you use if you are asked to:
  - (a) Induce rooting in a twig.
  - (b) Quickly ripen a fruit.
  - (c) Delay leaf senescence
  - (d) Bolt a rosette plant
7. Explain:
  - (a) Asthma
  - (b) Emphysema
8. Draw a well labelled diagram of human heart and give schematic representation of Coagulation of blood.

### COMPUTER SCIENCE

1. Write a program in Python to store 10 names in list and display them in arranged order. ( Descending order)
2. Input 20 numbers one by one and display the largest and 2nd largest number.
3. Write 5 measures to be taken while using social networking site.

### Informatics Practices

1. Create a database named as “Winter”.
2. Create a table named as “product” as

Fieldname	Description	Type	Length
PRODUCT_ID	product id number	int	11
NAME	product name	varchar	50
DESCRIPTION	product’s description	varchar	100
QTY_STOCK	stock quantity of product	int	50
PRICE	price of the product	int	50
CATEGORY_ID	category id number	int	11

3. Insert 10 records in the above table.
4. Add a field named as “Company” with varchar(50) in the table product.
5. Modify the field “NAME” with varchar(100).

### ENTREPRENEURSHIP

1. What is 'Market Development Strategy'? How can the same be applied by the entrepreneur?
2. Explain briefly the place mix and its components.
3. What is meant by indirect channels of distribution? Explain any two indirect channels of distribution.
4. List any four factors that influence the pricing decisions.
5. Define product mix. What dimensions of the product are to be considered by the entrepreneur herein?

### HINDUSTANI MUSIC VOCAL

1. Write the Taal Notation of Taal Dadra, Kaharwa, Ektaal, Chartal with Dugun and detailed description...

### PHYSICAL EDUCATION

1. What do you mean by yoga? Explain its importance in daily life.
2. Discuss in detail elements of yoga.

3. Define leadership. Explain the leadership qualities in physical education.
4. Discuss various safety measures for preventing sports injuries.
5. What are the objectives of adventure sports? Explain any five in detail.

#### **FINE ARTS**

1. Make one fine art portfolio with six painting (pencil shading work only)

#### **MATHS (STANDARD)**

1. Complete the activity number: 14,18,22,28,33 in the practical note book copy.

#### **MATHS (APPLIED)**

1. Complete the activity number: 3 & 4 in the practical note book copy.
2. Prepare a project on the topic "Venn Diagram and it's application".

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