Class: XI (Commerce)   **Date of Submission: on or before 8.12.2025**

Subject: ENGLISH

1. Rewrite the sentences as directed:
 a. The teacher said, "Finish the work now." (Change to indirect)
 b. Hardly had the bell rung when the class started. (Rewrite using *no sooner*)
 c. He is too tired to walk. (Rewrite using *so…that*)
 d. The news surprised everyone. (Change to passive voice)
 e. "Please help me carry this bag," she said to him. (Change to indirect request)

2. As the Sports Captain of Sunrise International School, Bengaluru, draft a notice informing students about an Inter-House Sports Meet to be held on your school grounds. (50 words)

3. You are the Director of the National Disaster Management Authority (NDMA). After the recent sudden floods in North India (2025), your department needs to alert people about disaster preparedness and emergency safety steps. Design a poster to be distributed in flood-prone districts. (50 words)

4. Some people believe that the rapid introduction of AI-powered smart classrooms in Andhra Pradesh's government schools (2025) will greatly improve learning outcomes. Others argue that relying too much on AI may reduce teachers' roles and negatively affect students' critical thinking. Which viewpoint do you support? Write a debate for or against the motion to be presented in the school assembly, in about 120–150 words.

5. Rearrange the jumbled words to make meaningful sentences.
(a) climate change/for action/is urgent/the need/now more than ever
(b) discovered/the scientists/new species/several/in the rainforest
(c) the students/annual cultural fest/enthusiastically/for the/prepared
(d) improve/regular exercise/can significantly/your mental health

6. Recently, several cases of deepfake videos causing misinformation and cyberbullying have been reported across India. Students must stay alert and informed. You are Sana/Sahil. Deliver a speech in 120–150 words on "Deepfake Awareness: A New Digital Threat for Students."

Subject: ACCOUNTANCY

1. A company whose accounting year is a financial year, purchased on 1st July, 2019 machinery costing ₹30,000. It purchased further machinery on 1st January, 2020 costing ₹20,000 and on 1st October, 2020 costing ₹10,000. On 1st April, 2021, one third of the machinery installed on 1st July, 2019 became obsolete and was sold for ₹3,000.

   Show how machinery account would appear in the books of the company. It being given that machinery was depreciated by Fixed Instalment Method at 10% p.a. What would be the value of machinery account on 1st April, 2022?

2. On 1st July, 2017, A Co. Ltd. purchased second hand machinery for ₹20,000 and spends ₹3,000 on reconditioning and installing it. On 1st January, 2018, the firm purchases new machinery worth ₹12,000. On 30th June, 2019, the machinery purchased on 1st January, 2018 was sold for 8,000 and on 1st July, 2019, a fresh plant was installed.

Payments for this plant was to be made as follows:
  1st July, 2019   ₹5,000
  30th June, 2020   ₹6,000
   30th June, 2021   ₹5,500

Payments in 2020 and 2021 include interest of 1,000 and 500 respectively.
The company writes off 10% p.a. on the original cost.
The accounts are closed every year on 31st March.
Show the Machinery Account for the year ended 31st March, 2020.

3. X Ltd. purchase a machine on 1st April, 2016 for ₹2,00,000.
It purchased another machine on 1st July 2016 for ₹3,00,000.
First machine is sold on 30th June, 2018.
Depreciation is charged @ 10% p.a. (SLM)

Machine is sold for ₹60,000.
Prepare (i) Machine A/c
        (ii) Provision for depreciation A/c for 2016-17, 2017-18 and 2018-19.
4. Following balances appear in the books of Hari Bros:

	(₹)
1st April, 2020 Machinery A/c	80,000
Provision for depreciation A/c	36,000

1st April, 2020 they decided to sell a machine for ₹8,700.
This machine was purchased for ₹16,000 in April, 2016.
Prepare the provision for depreciation account and Machinery on 31st March, 2021 assuming the firm
has been charging depreciation at 10% p.a. on Straight Line Method.
5. M/s P&Q purchased machinery for 40,000 on 1st October, 2018.
Depreciation is provided @ 10% p.a. on the Diminishing Balance.
On 31st January, 2021, one-fourth of the machinery was found unsuitable and disposed off for ₹5,600.
On the same date new machinery at a cost of ₹15,000 was purchased.
Write up the Machinery Account for the years ended 31st March, 2019, 2020 and 2021.
Accounts are closed on 31st March every year.
6. A company purchased on 1st July, 2018 Machinery costing ₹30,000.
It further purchased machinery on 1st January, 2019 costing ₹20,000 and on 1st October, 2019 costing
₹10,000.
On 1st April, 2020, one-third of the machinery installed on 1st July, 2018 became obsolete and was
sold for ₹3,000.
The company follows financial year as accounting year.
Show how the machinery Account would appear in the books of company if depreciation is charged
@10% p.a. on Written Down Value Method.
7. Following balances appear in the books of M/s Amit as on 1st April, 2020:

2020		(₹)
1st April	Machinery A/c	60,000
	Provision for depreciation A/c	36,000

On 1st April, 2020 they decided to dispose off a machinery for ₹8,400 which was purchased on 1st
April, 2016 for ₹16,000.
You are required to prepare the Machinery Account.
Provision for Depreciation Account and Machinery Disposal Account for the year ended 31st March,
2021. Depreciation was charged at 10% p.a. on Cost following Straight Line Method.

Subject: BUSINESS STUDIES
1. Read the following and answer the questions that follow on the basis of the same and your previous
knowledge:
Mani is a young newspaper reporter and has been writing for almost six months on malpractices by
business enterprises including such issues as misleading advertisements, supply of adulterated
products, poor working conditions, environmental pollution, bribing government officials, and so on.
He has started believing that business people tend to do anything to mint money. He happens to do an
interview of Mr. Raman Jhunjhunwala, chairman of a leading truck manufacturing company which is
known for its fair dealings with customers, employees, investors as well as other social groups.
Through this interview, Mani develops an understanding that it is possible for a business enterprise to
be socially responsible and ethically upright and, at the same time, be highly profitable. He then gets
busy with studying more about the social responsibility of business and business ethics.
        (a) What do you understand by social responsibility of business?
        (b) State the CSR (Corporate Social Responsibility) provision of the Companies Act. 2013.
        (c) What is business ethics?
        (d) State the social responsibility of business towards customers, employees and investors.
2. HCL is a well-known computer company. It has the ambition of touching new heights with the help
of its employees. It provides quality products and offers various facilities and incentives to its
employees such as cab facility, after completing five years employees are given company shares also. It
provides free computer skills to the youths of backward areas.
        (a) In your view what are the business ethics of the company?
        (b) It is fulfilling its responsibility to which interest group?

(c) Explain the social responsibility of business towards other interest groups.

3. Nishad and Manish formed a private limited company. Nishad believes that their role as a business is to maximise profits and their contribution to the society is by the taxes that they pay. Nishad believes that merely paying taxes is not enough. They should also take care of other aspects like the working conditions of the workforce and the environmental protection. Whom do you agree with and why? Give three reasons in support of your answer.

4. MNO Ltd., a renowned computer follows the vision of "reaching new heights with its people on its side". It provides not only quality products but also various facilities to its employees for 5 years of service. It also provides computer skills to youth in remote areas for free.
(a) What according to you are the business ethics of the company?
(b) It is fulfilling its social responsibilities towards which interest groups?

5. Ram and Shyam are friends. They have to attend the birthday party of a common friend. Ram goes to 'Poshak kids wear' exclusively for kids wear with his parents to get a new dress for party whereas Shyam purchase his dress from 'Smart garments'. His mother and brother also bought, their dresses from 'Smart Garments'.
Identify the types of stores Ram and Shyam visited and give any one feature of each.

6. Answer the following:
(a) Name the retailers who do not have a fixed place for business.
(b) By what name temporary shops in business locality are known?
(c) How are street traders different from market traders?

7. State, giving reasons, whether the following statements are true or false:
(a) Wholesale trade consists of buying goods, directly from the manufacturers in small quantities.
(b) The wholesaler is a link between the producer and the ultimate consumer.
(c) A retailer is an important link between wholesalers and manufacturers.
(d) A retailer serves as the last link in the chain of distribution of goods.

8. Karuna gave money and asked her 14 years old son Tanmay to make a payment to the delivery man for the pizza that she had ordered for him. On seeing the bill, Tanmay was surprised to see that the tax had been deducted under two headings CGST and SGST in the bill and enquired about the same from his mother. Karuna explained to him about the new system of tax which has been implemented in our country.
(a) With reference to the above para, give full form of CGST and SGST.
(b) How is IGST different from CGST/SGST?
(c) Explain briefly the related tax system in India.

Subject: ECONOMICS

1. What is basic purpose of an average?
2. What are the merits of Arithmetic Mean
3. What properties should an average possess to be considered a good average?
4. Mean is a_____ average. (Mathematical/ positional)
5. Calculate mean from the following data by using assumed mean method.

X	f
20	8
30	12
40	20
50	10
60	6
70	4

6. Define Median, mode and Partition values
7. If mean = 20.2 and mode = 16, what will be the value of median?
8. How many values are there in: a. Quartile   b. Decile   c. Percentile
9. What are the merits of Median and Mode?
10. Demand curve is the Average Revenue curve of a firm. Do you agree? Discuss briefly with reason.
11. What is the relationship between AR and MR when TR increases at an increasing rate? Explain with an diagram.
12. Calculate Median from the following data

Age	Frequency	Cumulative
0-10	12	
10-20	18	
20-30	35	
30-40	42	
40-50	50	
50-60	45	
60-70	20	
70-80	8	

13. From the following data determine the modal value by grouping method

Weight	No of residence
!00-110	4
110-120	6
120 - 130	20
130- 140	32
140- 150	33
150-160	17
160- 170	8

14. Explain the relationship between AR and MR when:
a. A firm is able to sell more quantity of output at the same price.
b. A firm is able to sell more quantity of output by lowering the price
15. Is a producer in equilibrium under following situation?
a. When marginal revenue is greater than marginal cost;
b. When marginal revenue is equal to marginal cost

Subject: MATHEMATICS

1. Three vertices of a parallelogram, taken in order, are (-1, -6), (2, -5) and (7, 2). Write the coordinates of its fourth vertex.
2. Find the slope and the equation of the line passing through the points (5, 3) and (- 5, - 3).
3. The slope of a line is double of the slope of another line. If tangent of the angle between them is $\tan \theta = \frac{1}{3}$, find the slopes of the lines.
4. Find the coordinates of the focus and the vertex, the equation of the directrix and the axis, and length of the latus rectum of the parabola: $x^2 = 10y$
5. If the parabola $y^2 = 4ax$ passes through the point (3, 2), then find the length of its latusrectum.
6. If the vertex of the parabola is the point (-3, 0) and the directrix is the line x + 5 = 0, then find its equation.
7. Write co - ordinates of foot of perpendicular from (3, 7, 9) on x - axis, y - axis, z - axis.
8. Find the coordinates of a point equidistant from the four points O (0, 0, 0), A (a, 0, 0), B (0, b, 0) and C (0, 0, c).
9. Verify that (0, 7, 10), (- 1, 6, 6) and (- 4, 9, 6) are the vertices of a right - angled triangle.

Subject: ARTIFICIAL INTELLIGENCE

1. Discuss briefly about Lexical Analysis.
2. Differentiate between Syntactical and Semantic Analysis.
3. What do you understand by Pragmatic Analysis?
4. Discuss about Opacity or Blackbox effect of AI systems.
5. What is Singularity in AI?

Subject: PHYSICAL EDUCATION

1. What is sports training? Explain macro, meso, microcycle in sports training.

2. What is doping? And Explain about stimulants, narcotics, diuretics, beta blockers, blood doping, steroids.