

**ST. FRANCIS XAVIER SCHOOL  
ENGLISH PRACTICE PAPER 2023**

**CLASS: X C**

**FULL MARKS: 40**

**TIME: ONE HOUR**

**ANSWERS TO BE WRITTEN IN TEST COPIES**

**Question 1**

Select any one of the following: [10]

- (a) There is a garage cum car repairing centre close to your house. Every day you are suffocated by the poisonous gases emitted from those cars at that centre. Write a letter to the local councillor complaining about it and offering probable solutions.
- (b) A friend of yours has written to you about the fact that he / she has recently joined a yoga centre. You write to him / her a few weeks later in order to get information about that centre—how the centre helps students to concentrate in studies as well as pursue one's hobbies. You can also ask your friend how he / she is benefitting from that yoga centre.

**Question 2**

- (a) Your school is hosting an inter-school competition for writing short stories. As the event in-charge, draft a notice for your school informing students about the event and inviting them to participate in it.
- (b) Write an e-mail to the Principal of a neighbouring school requesting him / her to allow the students of his / her school to send short stories for the appropriate age group for participation.

[5+5]

**Question 3**

Read the following passage carefully and answer the questions that follow:

I first met Private Quelch at the training depot. A man is liable to acquire in his first week of Army life --- together with his uniform, rifle and equipment--- a nickname. Anyone who saw Private Quelch, lanky, stooping, frowning through horn-rimmed spectacles, understood why he was known as the Professor. Those who had any doubts on the subject lost them after five minutes' conversation with him.

I remember the first lesson we had in musketry. We stood in an attentive circle while a sergeant, a man as dark and sun-dried as raisins, wearing North-West ribbons, describe the mechanism of a Service rifle.

"The muzzle velocity or speed at which the bullet leaves the rifle," he told us, "is well over two thousand feet per second." A voice interrupted. "Two thousand four hundred and 10 forty feet per second." It was the Professor.

"That's right," the sergeant said without enthusiasm, and went on lecturing. When he had finished, he put questions to us; and, perhaps in the hope of revenge, he turned with his questions again and again to the Professor. The only result was to enhance the Professor's glory. Technical definitions, the parts of the rifle, its use and care, he had them all by heart. The sergeant asked, "You had any training before?"

The Professor answered with a phrase that was to become familiar to all of us. "No, Sergeant. It's all a matter of intelligent reading."

That was our introduction to him. We soon learned more about him. He saw to that. He meant to get on, he told us. He had brains. He was sure to get a commission, before long. 20 As a first step, he meant to get a stripe.

In pursuit of his ambition, he worked hard. We had to give him credit for that. He borrowed training manuals and stayed up late at nights reading them. He badgered the instructors with questions. He drilled with enthusiasm, and on route marches he was not only miraculously tireless but infuriated us all with his horrible heartiness. "What about a song, chaps?" is not greeted politely at the end of thirty miles. His salute at the pay table was a model to behold. When officers were in sight, he would swing his skinny arms and march to the canteen like a Guardsman.

And day in and day out, he lectured to us in his droning, remorseless voice on every aspect of human knowledge. At first, we had a certain respect for him, but soon we lived in terror of 30 his approach. We tried to hit back at him with clumsy sarcasms and practical jokes. The Professor scarcely noticed; he was too busy working for his stripe.

Each time one of us made a mistake the Professor would publicly correct him. Whenever one of us shone, the Professor outshone him. When, after a hard morning's work of cleaning out our hut, we listened in silence to the Orderly Officer's praise, the Professor would break out with a ringing, beautifully beaming, "Thank you, sir!" And how superior, how condescending he was! It was always "Let me show you, old fellow", or "No, you'll ruin your rifle that way, old man."

We used to pride ourselves on aircraft recognition. Once, out for a walk, we heard the drone of a plane flying high overhead. None of us could even see it in the glare of the sun. 40

Without even a glance upward the Professor announced, "That, of course, is a North American Harvard Trainer. It can be unmistakably identified by the harsh, engine note due to the high tip speed of the airscrew."

What could a gang of louts like us do with a man like that?

(a) Give the meaning of each of the following words as used in the passage. [3] One-word answers or short phrases will be accepted.

(i) mechanism (line 8)

(ii) enhance (line 14)

(iii) commission (line 20)

(b) Answer the following questions briefly, in your own words.

(i) Give two reasons why Private Quelch was nicknamed 'the Professor'. [2]

(ii) What made the Sergeant question the Professor whether he had any formal training? [2]

(iii) Quote the sentence that tells us about the Professor's confidence in his knowledge. [1]

(iv) Give two instances of the Professor's hard work to get a rank for himself in the Army. [2]

(v) Which two incidents in the passage show that the Professor behaved very formally in the presence of his superiors? [2]

(c) In not more than 50 words give an account of how the Professor made several attempts to show off his knowledge on any subject. [8]

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**ST. FRANCIS XAVIER SCHOOL  
GEOGRAPHY PRACTICE PAPER 2023**

**CLASS: X**

**FULL MARKS: 40**

**TIME: ONE HOUR**

**ANSWERS TO BE WRITTEN IN TEST COPIES**

- 1a. Classify the industries on the basis of raw material used. Give examples.  
bi. Name the largest Iron & steel plant under private sector. ii. State the geographical factors favouring its location.  
c. Name and state the uses of the byproducts obtained from sugar industry. d. Give reasons:  
i. Railways are not common in NE India  
ii. Oilcake is useful residue iii. Oil refineries are located near to oilfields. [2+3+2+3]
- 2a. Name the type of climate experienced by India and state its characteristics.  
b. Name the local winds blowing over India and state their characteristics. c. Give reasons:  
i. The Himalayas act as a climatic divide.  
ii. Tamilnadu receives more rainfall in winter than in summer.  
iii. Punjab gets rainfall.  
iv. Thar desert receives little rainfall. [3+3+4]
- 3a. Define i. Incineration ii. Segregation iii. Composting  
b. Though Open dumping is the easiest way of waste disposal, it has several drawbacks. Explain.  
ci. Name north south and east west corridors. ii Peninsula rivers are not ideal for navigation.  
d. Name two ports on east coast and two more on the west coast. [3+2+3+2]
4. On the outline map of India mark and label the following: [10]  
a. Western Ghats b. Aravalli range c. Thar desert d. River Ganga  
e. River Narmada f. Lake Chilka g. Gulf of Cambay h. Palk strait  
i. Wular lake j. S W Monsoon winds
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**ST. FRANCIS XAVIER SCHOOL  
HISTORY AND CIVICS PRACTICE PAPER 2023**

**CLASS: X**

**FULL MARKS: 40**

**TIME: ONE HOUR**

**ANSWERS TO BE WRITTEN IN TEST COPIES**

1. What do you mean by the term revisory Jurisdiction? (3)
  2. Explain the terms session, Motion. (2+2)
  3. Name the divisions of Session Court. (4)
  4. Mention all legislative powers of the parliament. (4)
  5. Mention all Executive powers of President. (4)
  6. Describe the idea of Court of Record. (3)
  7. Mention all social causes of Revolt. (4)
  8. Mention all achievements of Dadabhai Naoroji. (4)
  9. Describe the achievements of INA. (4)
  10. Give the reasons of starting Quit India Movement. (4)
  11. Give two results of First World War. (2)
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**ST. FRANCIS XAVIER SCHOOL**  
**ECONOMIC APPLICATIONS PRACTICE PAPER 2023**  
**CLASS: X**  
**FULL MARKS: 40**  
**TIME: ONE HOUR**  
**ANSWERS TO BE WRITTEN IN TEST COPIES**

**Short Questions:**

2x5=10

- i. Give two examples of a pair of commodities that are substitutes of each other.
- ii. Differentiate between capital and capital formation. iii. Define price elasticity of demand. iv. What do you mean by homogeneous product?
- v. Give two causes for the low efficiency of labour in India.

**Long Questions:**

a) Discuss any four differences between monopoly market and monopolistic market [7]

b) What is demand? Explain how quantity demanded of a commodity X will be affected by:

[8]

- i) An increase in the price of its substitutes.
  - ii) Consumer credit facility. iii) Government policy.
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**ST. FRANCIS XAVIER SCHOOL  
MATHS PRACTICE PAPER 2023**

**CLASS: X**

**FULL MARKS: 40**

**TIME: ONE HOUR**

**ANSWERS TO BE WRITTEN IN TEST COPIES**

Each Question carries 4 marks

1. A machine was available for ₹ 36842.40, which included three successive discounts of 20%, 15% and 10% on the list price and a GST of 12% on the remaining price. Find the list price of the machine.
2. Kavita has a cumulative time deposit account in a bank. She deposits ₹ 800 per month and gets ₹ 16700 as maturity value. If the rate of interest be 5% per annum, find the total time for which the account was held.
3. A box containing 8 red, 4 white and 3 black balls. One ball is drawn at random. What is the probability that the ball drawn is  
(i) White (ii) Red or White (iii) neither red nor white (iv) not red
4. Solve  $x^2 - 6x - 15 = 0$ . Give your answer correct to two decimal places.
5. The distance by road between two towns A and B. The distance by road between towns A and B is 216 km and by rail it is 208 km. A car travels at a speed of  $x$  km/hr and the train travels at a speed which is 16 km/hr faster than the car.  
(i) Write down the time taken by the car to reach town B from A, in terms of  $x$ .  
(ii) Write down the time taken by the train to reach town B from A, in terms of  $x$ .  
(iii) If the train takes 2 hours less than the car to reach town B, obtain an equation in  $x$  and solve it.  
(iv) Hence, find the speed of the train.
6. If  $(c^2 - ab)x^2 - 2(a^2 - bc)x + (b^2 - ac) = 0$  show that either  $a = 0$  or  $a^3 + b^3 + c^3 = 3abc$
7. Find the equation of the perpendicular dropped from the point  $(-1, 2)$  onto the line joining the point  $(-1, 2)$  onto the line joining the points  $(1, 4)$  and  $(2, 3)$ .
8. Let  $A = \{x \in R : 11x - 5 > 7x + 3\}$  and  $B = \{x \in R : 8x - 9 \geq 15 + 2x\}$ . Find  $A \cap B$  and represent the solution set on a number line.
9. If  $x^3 + ax^2 + bx + 6$  has  $x - 2$  as a factor and leaves a remainder 3 when divided by  $x - 3$ . Find the values of  $a$  and  $b$ .
10. If  $A = \begin{bmatrix} 3 & 1 \\ -1 & 2 \end{bmatrix}$  show that  $A^2 - 5A + 7I = 0$

**ST. FRANCIS XAVIER SCHOOL**  
**COMMERCIAL STUDIES PRACTICE PAPER 2023**  
**CLASS: X**  
**FULL MARKS: 40**  
**TIME: ONE HOUR**

**ANSWERS TO BE WRITTEN IN TEST COPIES**

The following balances are extracted from the books of Rohit Mishra Account: 10

Particulars	Amt.	Particulars	Amt.
Purchases	75,000	Capital	60,000
Returns inward	2,000	Creditors	30,000
Freight inwards	10,000	Sales	1,20,000
Wages	4,000	Returns Outward	1,000
Investments	2,000		
Bank Charges	10,000		
Land	1,000		
Machinery	30,000		
Building	30,000		
Cash at bank	25,000		
Cash in hand	4,000		
Opening Stock	18,000		
	2,11,000		2,11,000

Closing Stock was valued as 40,000.

**Short Answer Question:**

**2x5=10**

1. Distinguish between recruitment and selection.
2. State two limitations of budget.
3. What is IMPS?
4. Why do we need Consumer protection Act 1986?

**Long Questions:**

**5x4=20**

1. Define capital market. Discuss any three functions of the same.
  2. What do you mean by fraudulent practices? Discuss any three types of it.
  3. Mention five differences between advertising and personal selling.
  4. Describe the various methods of consumer protection.
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