

➤ A car takes 2 hours to reach a destination by travelling at the speed of 60km/hr. How long will it take when the car travels at the speed of 80 km/hr? **3**

	<p>➤ Sum of two numbers is 95. If one exceeds the other by 15, find the numbers?</p>	3
❖	<p>Solve the following:</p> <p>➤ What sum will become Rs 9826 in 18 months if the rate of interest is $2\frac{1}{2}\%$ per annum and the interest is compounded half-yearly?</p>	4

➤ A man purchases two fans for Rs. 2160. By selling one fan at a profit of 15% and the other at a loss of 9% he neither gain nor losses in the whole transaction. Find the cost price of each fan.

4

❖ **Solve the following:**

➤ Find the product $\frac{x^2 - 9}{4x^2} \times \frac{x^3}{x + 3}$

2

	<p>➤ A number is such that it is as much greater than 84 as it is less than 108. Find it.</p>	3
Science (30 Marks)		
❖	<p>Fill in the blanks:</p> <p>➤ Force per unit area is called _____.</p> <p>➤ Varieties of life forms present on the earth are called _____.</p> <p>➤ Number of oscillations per second is called _____.</p> <p>➤ A loud noise followed by a flash of lighting is called _____</p>	2

❖	<p>Match the following:</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>Column A</p> <ul style="list-style-type: none"> ➤ Seismology ➤ Gravitational force ➤ Muscular force ➤ Optics </td> <td style="width: 50%; vertical-align: top;"> <p>Column B</p> <ul style="list-style-type: none"> (a) Branch of physics which involves behavior properties of light (b) Contact force (c) Branch of science dealing with earth quakes (d) Non-contact force </td> </tr> </table>	<p>Column A</p> <ul style="list-style-type: none"> ➤ Seismology ➤ Gravitational force ➤ Muscular force ➤ Optics 	<p>Column B</p> <ul style="list-style-type: none"> (a) Branch of physics which involves behavior properties of light (b) Contact force (c) Branch of science dealing with earth quakes (d) Non-contact force 	2
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❖	<p>Define the following:</p> <ul style="list-style-type: none"> ➤ Symbiosis Ans: _____ _____ ➤ Vaccines Ans: _____ _____ ➤ Electroplating Ans: _____ _____ ➤ Chromosomes Ans: _____ _____ 	<p>1</p> <p>1</p> <p>1</p> <p>1</p>		
❖	<p>Short answer type questions:</p> <ul style="list-style-type: none"> ➤ What is cytoplasm? Ans: _____ _____ ➤ How do we reduce friction? Ans: _____ _____ ➤ What are the practical uses of electroplating? Ans: _____ _____ _____ 	<p>2</p> <p>2</p> <p>2</p>		

	<p>➤ What is an electroscope?</p> <p>Ans: _____</p> <p>_____</p>	2
	<p>➤ What are luminous objects?</p> <p>Ans: _____</p> <p>_____</p>	2
❖	<p>Give reason:</p> <p>➤ Pasteurization prevents spoilage of milk?</p> <p>Ans: _____</p> <p>_____</p>	2
	<p>➤ Jewellery is made from silver, gold and platinum.</p> <p>Ans: _____</p> <p>_____</p>	2
	<p>➤ Why is deforestation one of the main reason for harm to biodiversity?</p> <p>Ans: _____</p> <p>_____</p>	2
❖	<p>Long answer type questions:</p> <p>➤ What are the properties of Rayon fibres.</p> <p>Ans: _____</p> <p>_____</p> <p>_____</p>	3
	<p>➤ Draw and explain nitrogen cycle in nature.</p>	3

	Ans: <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	
Social Science (10 Marks)		
❖	<p>Answer the following in short:</p> <p>➤ Write the names of natural resources. Ans: _____ <hr/></p> <p>➤ Name the founder of Arya Samaj Ans: _____ <hr/></p> <p>➤ Who created Kalamkari Print? Ans: _____ <hr/></p> <p>➤ What do you mean by MPs? Ans: _____ <hr/></p> <p>➤ Which groups of people were referred to as dikus by the tribals? Ans: _____ <hr/><hr/></p> <p>➤ What do you mean by a fair trial? Ans: _____ <hr/><hr/></p> <p>➤ Give some examples of agro-based industries. Ans: _____ <hr/><hr/><hr/><hr/></p>	<p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>2</p> <p>2</p> <p>2</p>

English (20)		
❖	<p>Read the given poem and answer the question that follows:</p> <p style="text-align: center;">I think that I shall never see A poem lovely as a tree A tree whose hungry mouth is pressed Against the Earth's sweet flowing breast, A tree that looks at God all day And lifts her leafy arms to pray, A tree that may in summer wear A nest of Robins in her hair Upon whose bloom snow has lain; Who intimately lives with rain. Poems were made by fools like me But only God can make a tree.</p> <p>➤ Who has made the trees? (a) The poet (b) God (c) Robins (d) Nature</p> <p>➤ Which part of the tree, according to the poet, is raised in order to pray to God? (a) The roots (b) The branches (c) The trunk (d) The flowers</p> <p>➤ What does the poet compare a tree with? (a) A poem (b) A nest (c) A flower (d) God</p> <p>➤ Choose a word that means the same, 'the time when flowers can be seen in abundance.' (a) Blossom (b) Hungry (c) Intimately (d) Tide</p> <p>➤ The word 'intimately' is synonymous with. (a) Very close (b) Very bitter (c) Very rugged (d) Quarrelsome</p>	<p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p>
❖	<p>Re-arrange the following words/phrase to make a complete and correct sentence:</p> <p>➤ earliest/were/the/pointed/drawing tools/sticks/stones/or Ans: _____</p> <p>➤ finish/work/early/one/can/go/and/a/for walk/one's Ans: _____</p> <p>➤ Want/do/me/see/you/you/at/to/the/airport/off/? Ans: _____</p>	3
❖	<p>Change the tense of the given sentences as per asked in the brackets:</p> <p>➤ Sohan is riding a horse. (Future Continuous Tense) Ans: _____</p>	3

Rough Work