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**Section A: The History of Transportation**

**Question 1** **[4]**

Define the following words.

1. Vehicle. (1)

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2. Goods. (1)

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3. A coach. (1)

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4. Carbon dioxide. (1)

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**Question 2.** **[9]**

Answer the following short questions.

- 2.1 Compare the Penny-Farthing and the Modern day bicycle by looking at the pictures below. **(10÷2=5)**

<b>Penny-Farthing</b>	<b>Modern day bicycle</b>

**The Penny-Farthing bicycle**



**Modern day bicycle**



2.2 Do you think that the Penny-Farthing was safe for riders? Give a reason for your answer. (2)

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2.3 Underline the correct word in the bracket to complete the statement.

2.3.1 The first bicycle was invented (**20 years/200 years**) ago. (1)

2.4 How did people travel before they invented the wheel? (1)

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**Question 3.**

**[5]**

Match the letter from column A with the number from column B. Write down only the number in the block below.

Column A	Column B
A. Modern cargo planes	1. An aircraft which is created to transport a small group of people.
B. Large aeroplanes	2. Are used to fly fewer people for shorter distances.
C. Helicopters	3. Can carry up to 40 tons of goods and they are reliable and fast.
D. Smaller aeroplanes	4. The airbus 380 is the biggest plane that can carry over 800 passengers.
E. Private jet	5. It is expensive and high maintenance.

		6. A pilot		
A.	B.	C.	D.	E.



**Question 4.**

**[12]**

Read the following passage and answer the questions that follows.

**‘How transport has changed over the years’**

Long ago, when people used to travel long distances by walking, they would have a problem when they came across a wide river or dam. People saw wood floating and started making rafts, canoes or reed boats out of wood.

Early ocean transport only become common with the development of big ships with sails. These sails, usually made from a strong cloth called ‘canvas’. The canvas would catch the wind and the wind would push the boat

to move forward. People were able to trade with other people who were far away and they were able to travel longer distances to trade their goods.

The invention that really changed transportation the most was the steam locomotive in 1803, which was invented by Richard Trevithick. It was used to transport goods only. In a steam engine water is heated, usually by burning coal in a boiler, to make steam under pressure. When the steam expands, it makes the engine parts move which drives the engine. While the train and railways had so much impact, another invention that had a massive impact on transportation was the motor car. In the 1800's inventors tried very hard to make cars that would run well enough to use everyday. People used to call motor cars 'horsesless carriages'.

Karl Benz, a German engineer was the inventor of the modern car in 1885. An American engineer named Henry Ford introduced a system of mass production to make cars. Cars were produced quickly and were much cheaper. Henry Ford made one of the most popular and famous cars in 1908, it was called 'Model T Ford'.

4.1 Name two things which people used to use to cross the river. (2)

A. \_\_\_\_\_

B. \_\_\_\_\_

4.2 Why do you think that it was important for people to cross the river? (1)

\_\_\_\_\_  
\_\_\_\_\_

4.3 In which year was the first steam locomotive invented? Who invented the first steam locomotive? (2)

\_\_\_\_\_  
\_\_\_\_\_

4.4 How did the big ships with sails work? (1)

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4.5 Who invented the first motor car in 1885? (1)

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4.6 Do you think that cars are harmful to the environment? Give a valid reason for your answer. (2)

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4.7 What is mass production? (1)

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4.8 How many years passed between Karl Ben's first car and Henry Ford's Model T car? (1)

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4.9 How did cars change people's lives? (1)

**Section B: HISTORY OF COMMUNICATION**

**Question 5** [5]

Say whether the following statement is true or false. If false, correct the statement.

5.1 One of the ways the San communicated was through rock art. (1)

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5.2 The first European sailors settled in Johannesburg. (1)

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5.3 An electric typewriter was introduced in 1995. (1)

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5.4 Jason Morse invented the 'Morse Code'. (1)

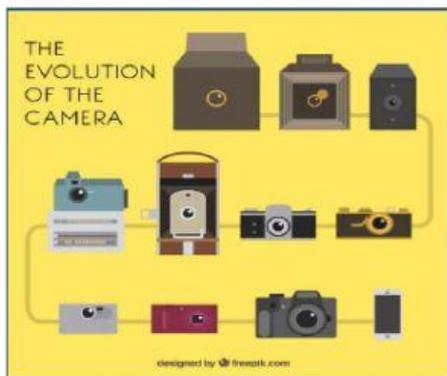
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5.5 People used animals to send messages faster. (1)

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**Question 6**

[10÷2=5]

Name any **five** types of communication and give an example for each.

Type of communication	Example
1.	
2.	
3.	
4.	
5.	

**Question 7**

[10]

Answer the following short questions.

7.1 What is communication? (1)

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7.2 Name **two** types of programmes which people could have listened to on the radio during the olden days. (2)

A. \_\_\_\_\_

B. \_\_\_\_\_

7.3 What does 'www' stand for? (1)

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7.4 Who invented the first personal computer? (1)

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7.5 Why do you think people communicate with other people? (1)

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7.6 Which **two** of the following are examples of non-verbal communication? (2)

A) Speech

B) Art

C) Song

D) Dance

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7.7 How did people send letters to friends and family members before the post office was created? (1)

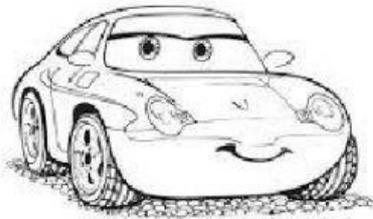
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7.8 Name **one** advantage of using a cellphone. (1)

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**Total Marks: [50]**