SMARTWIZ

GRADE 4 SOCIAL SCIENCES EXAM

MARKS: 50

MARKS	

TIME: 1 hour

SCHOOL_____

CLASS (e.g. 4A) _____

SURNAME_____

NAME_____

Instructions for Students:

> Read all instructions carefully before beginning the exam.

> Write your name and student ID clearly on the answer sheet/booklet.

> Answer all questions unless otherwise stated.

> Show all your work/calculations where applicable.

> Write clearly and legibly.

> Use blue or black ink only. * Do not use correction fluid/tape.

> No electronic devices (calculators, phones, etc.) are allowed unless explicitly permitted.

> Raise your hand if you have any questions.

> Do not talk to other students during the exam.

> Any form of cheating will result in disqualification.

This test consists of 6 pages, excluding the cover page.

🗺️ SECTION A: MAP TYPES, FEATURES, AND SCALE [24 MARKS]

Question 1: Types of Maps [6 Marks]

1.1 Match the type of map with what it shows. Write only the letter. (4)

Type of Map

A. Physical Map

B. Political Map

C. Topographic Map

D. Thematic Map

What it Shows

1. Towns, roads, and buildings

2. Weather and rainfall

3. Mountains, rivers, and valleys

4. Borders between countries

1.1 Answers:

A – ___

B – ___

C – ___

D – ___

1.2 Why would a person use a thematic map? (2)

_____

Question 2: Symbols and Map Keys [6 Marks]

Look at the legend (key) below and answer the questions:

SYMBOL	MEANING
🌳	Forest
🏥	Hospital
🗺️	Road
💧	Dam

2.1 What symbol would show a hospital? Draw it in the space provided.(1)

2.2 Which symbol might show a place used for water storage? Draw it . (1)

2.3 Why is it helpful to have a map key? (2)

_____

2.4 What kind of place does 🌳 represent? (1)

_____

2.5 Is the hospital a natural or human-made feature? (1)

_____

Question 3: Map Scale [4 Marks]

Use the following info:

Scale: 1 cm = 2 km

3.1 If a town is 3 cm away from a village on a map, how far is it in real life? (1)

_____

3.2 The school is 8 km from the clinic. How far apart are they on the map? (1)

_____

3.3 Why do we use map scales? (2)

_____

Question 4: Spatial Awareness [8 Marks]

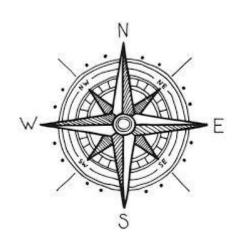Read the clues and identify the correct location. Use the compass direction.

A school is at the center of the map.

A fire station is north of the school.

A sports field is to the west.

A mall is east of the school.

A park is to the south.

4.1 What is directly west of the school? (1)

_____

4.2 What is north of the school? (1)

_____

4.3 What is the opposite of west? (1)

_____

4.4 If you travel from the mall to the fire station, which direction do you go? (1)

_____

4.5 Which two places are opposite each other? (2)

_____

4.6 What is the purpose of a compass on a map? (2)

_____

🏞 SECTION B: NATURAL FEATURES, LAND USE, HUMAN ACTIVITIES [26 MARKS]

Question 5: Natural and Human-Made Features [6 Marks]

5.1 Circle the correct answer: Which of the following is a natural feature? (1)

A. Road

B. Mountain

C. Bridge

D. House

5.2 Name two more examples of natural features. (2)

_____

5.3 Write one reason why it is important to protect natural features. (2)

_____

5.4 Give an example of something that is human-made but found in nature. (1)

_____

Question 6: Land Use [8 Marks]

6.1 What does "land use" mean? (2)

_____

6.2 Name four ways people use land. (4)

_____

6.3 Why is it important to plan how we use land? (2)

Question 7: Environment and Settlement [6 Marks]

7.1 Give two reasons why people do not build homes on mountains. (2)

_____

7.2 How can the environment affect where people live? (2)

_____

7.3 Give an example of a place people settle in because of a natural resource. (2)

_____

Question 8: Human Impact on the Environment [6 Marks]

8.1 List two negative effects that people can have on the environment. (2)

_____

8.2 What does "pollution" mean? (2)

_____

8.3 Name one thing children can do to care for the environment. (2)

_____

✅ MEMORANDUM / ANSWER KEY

🗺️ SECTION A: MAP TYPES, FEATURES, AND SCALE [24 MARKS]

Q1: Types of Maps

1.1

A – 3 ✔

B – 4 ✔

C – 1 ✔

D – 2 ✔ (4)

1.2 To show specific information like rainfall, population, weather, etc. ✔ (2)

Q2: Symbols and Keys

2.1 🏥 ✔ (1)

2.2 💧 ✔ (1)

2.3 So we can understand what the symbols on a map represent ✔ (2)

2.4 Forest ✔ (1)

2.5 Human-made ✔ (1)

Q3: Map Scale

3.1 6 km ✔ (1)

3.2 4 cm ✔ (1)

3.3 To help us measure real distances on a map accurately ✔ (2)

Q4: Spatial Awareness

4.1 Sports field ✔ (1)

4.2 Fire station ✔ (1)

4.3 East ✔ (1)

4.4 North ✔ (1)

4.5 Fire station and park ✔ (2)

4.6 To help us know which direction we are facing on a map ✔ (2)

🏞️ **SECTION B: NATURAL FEATURES, LAND USE, HUMAN ACTIVITIES [26 MARKS]**

Q5: Natural and Human-Made

5.1 B ✔ (1)

5.2 Any two: river, forest, lake, hill ✔ (2)

5.3 Natural features give us water, clean air, and support wildlife ✔ (2)

5.4 Dam ✔ (1)

Q6: Land Use

6.1 How people use land for different purposes ✔ (2)

6.2 Any four: farming, housing, transport, recreation, mining ✔ (4)

6.3 So we use land wisely and avoid problems like pollution and overcrowding ✔ (2)

Q7: Environment and Settlement

7.1 Steep, hard to build, landslides, few roads ✔ (2)

7.2 People choose flat land with water and soil for farming ✔ (2)

7.3 Near rivers for farming, near forests for wood ✔ (2)

Q8: Human Impact

8.1 Littering, cutting trees, pollution, destroying habitats ✔ (2)

8.2 Making the air, land, or water dirty and unsafe ✔ (2)

8.3 Recycle, pick up litter, plant trees ✔ (2)

TOTAL: 50 MARKS