

Section 1: Multiple Choice

Answer section

Circle your answer in the section below:

- | | |
|-------------------|--------------------|
| 1. A B C <u>D</u> | 6. A <u>B</u> C D |
| 2. A B C <u>D</u> | 7. A <u>B</u> C D |
| 3. A B <u>C</u> D | 8. A <u>B</u> C D |
| 4. A <u>B</u> C D | 9. A B <u>C</u> D |
| 5. <u>A</u> B C D | 10. A <u>B</u> C D |

Total for M/C: _____ / 10 marks
each

SECTION 2: WRITTEN

Write your answers in the spaces provided.

1. Name the three types of rocks and explain how each is formed.

Sedimentary - cementation of material ^{or similar} (1)

Metamorphic - heat and pressure ^{physical} chemical change (1)

Igneous - cooling of molten magma (1)

(3 marks) total

2. Explain the difference between weathering and erosion.

Weathering - Process by which rocks are broken into smaller bits/parts/grains. (1)

Erosion - Removal of rock from one area to another (1)

(2 marks)

3. Circle True or False for each of the following sentences:

- A. Elements are usually found on their own in the Earth's crust. True / False
- B. Fossils are usually found in igneous rock. True / False
- C. Extrusive rocks are formed underground. True / False
- D. Ores are valuable rocks or minerals. True / False
- E. Diamond is the hardest mineral. True / False
- F. Minerals are naturally occurring materials. True / False
- G. Pumice is a type of igneous rock. True / False
- H. Rocks with the largest crystals cooled the fastest. True / False
- I. The oldest fossils are usually found deepest in the Earth. True / False
- J. Oxygen is the most abundant element in the Earth's crust. True / False

(1 marks each: ____ / 10 marks)

4. Draw a line (triangle to triangle) to match the resource to its mining location in Western Australia

| <u>Resource</u> | | <u>Location</u> |
|------------------|---|--------------------------------------|
| a) Diamonds | ▶ | 1 Capel, near Busselton and Eneabba |
| b) Mineral sands | ▶ | 2 Argyl, near Kununurra |
| c) Gold | ▶ | 3 Jarrahdale, Wagerup and Boddington |
| d) Bauxite | ▶ | 4 Kalgoorlie |
| e) Iron ore | ▶ | 5 Tom Price, Newman and Paraburdoo |

(1 mark each: ____ / 5 marks)

END OF TEST (OUT OF 35 MARKS)