SAMPEL PERCUMA

DLP Form 1 Science: Year 6 Review + Form 1 Head Start

Set penuh: Masuk Tingkatan 1 2027

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Sampel ini: 7 muka surat. Set penuh ada:

- 2 fail PDF
- Ready for Form 1 (DLP) · Year 6 review + Form 1 head start: Mathematics, Science, English, BM · 96 multiple-choice + 24 written + answers · 30 pages
- DLP Form 1 Entry Practice Test · English, Writing, Mathematics, Science · 4 papers + answer scheme · 19 pages

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Sampel bermula di muka surat sebelah

YEAR 6 → FORM 1 · DLP · 2027

Ready for Form 1 (DLP)

YEAR 6 REVIEW + FORM 1 HEAD START · 2027

Mathematics (Matematik) | Science (Sains) | English | Bahasa Melayu

Part A · Year 6 Review: Mathematics, Science, English, Bahasa Melayu

Part B · Form 1 Head Start (KSSM): Rational Numbers, Factors & Multiples, Squares & Cubes, Ratios, Algebra · Scientific Investigation, Cells, Homeostasis

Maths & Science in English with key BM terms in brackets

Total: 96 multiple-choice + 24 written questions

Full answer scheme with mark allocation

Original practice questions written to the KSSR Year 6 and KSSM Form 1 syllabus. Not real exam papers.

Nama: _____ Kelas: _____

Kandungan

Cara guna: Cetak satu subjek pada satu masa. Jawab dalam masa yang ditetapkan tanpa melihat nota, kemudian semak dengan skema jawapan di belakang setiap bahagian. Ulang soalan yang salah selepas 3 hari.

Part A · Year 6 Review (Ulang Kaji Tahun 6) 3

Mathematics (Matematik) 3

Science (Sains) 6

English 9

Bahasa Melayu 12

Skema Jawapan Part A · Year 6 Review (Ulang Kaji Tahun 6) 15

Part B · Form 1 Head Start (KSSM Tingkatan 1) 17

Mathematics (Matematik) 17

Science (Sains) 20

English 23

Bahasa Melayu 26

Skema Jawapan Part B · Form 1 Head Start (KSSM Tingkatan 1) 29

7. A car travels 180 km in 2 hours. What is its speed (laju)?

A 360 km/h
B 60 km/h
C 182 km/h
D 90 km/h

8. Salted fish (ikan masin) can be kept for a long time because the salt

A kills all microorganisms forever
B adds vitamins to the fish
C removes water so microorganisms cannot grow well
D makes the fish very cold

9. Which waste is biodegradable (terbiodegradasi)?

A banana peel
B plastic bottle
C glass jar
D aluminium can

10. A solar eclipse (gerhana matahari) happens when

A the Earth is between the Sun and the Moon
B the Sun is between the Earth and the Moon
C the Moon is behind the Earth
D the Moon is between the Sun and the Earth

11. Which constellation (buruj) is used to show the SOUTH direction?

A Orion (Belantik)
B Southern Cross (Pari)
C Big Dipper (Biduk)
D Scorpion (Kala Jengking)

12. A complex machine (mesin kompleks) is made of two or more simple machines. Which of these is a complex machine?

A a ramp
B a single pulley
C a wheelbarrow
D a door wedge

Bahagian B — Soalan Berstruktur. Jawab semua soalan di ruang yang disediakan.

1. Haikal cycles 600 m in 2 minutes.

(a) Write the formula for speed.

(b) Calculate Haikal's speed in m/min.

(c) If Haikal cycles at the same speed, how far will he travel in 5 minutes? [3 markah]

2. Aisyah watched a lunar eclipse (gerhana bulan) at night.

(a) State the positions of the Sun, the Earth and the Moon during a lunar eclipse.

(b) Explain why the Moon becomes dark.

(c) Is it safe to watch a lunar eclipse without special glasses? Give a reason. [4 markah]

3. Mei Ling puts two slices of damp bread in two closed containers. Container X is left on the kitchen table. Container Y is put in the refrigerator. After 4 days, mould (kulat) grows on the bread in container X only.

(a) Which factor (faktor) was changed in this experiment?

(b) State one inference (inferens) from this result.

(c) Suggest one way to keep bread from spoiling quickly. [3 markah]

7. In a scientific investigation (penyiasatan saintifik), which step comes right after identifying the problem?

A Making a conclusion
B Collecting data
C Analysing data
D Making a hypothesis (hipotesis)

8. Which organelle (organel) is found in a plant cell but NOT in an animal cell (sel haiwan)?

A Nucleus (nukleus)
B Cell membrane (membran sel)
C Chloroplast (kloroplas)
D Mitochondrion (mitokondrion)

9. Which part of a cell controls all the activities of the cell?

A Cytoplasm (sitoplasma)
B Nucleus
C Cell wall (dinding sel)
D Vacuole (vakuol)

10. Which of the following is a unicellular (unisel) organism?

A Hydra
B Mushroom
C Paramecium
D Frog

11. Which word equation shows photosynthesis (fotosintesis)?

A Glucose + oxygen → carbon dioxide + water + energy
B Carbon dioxide + water → glucose + oxygen
C Glucose → carbon dioxide + oxygen
D Oxygen + water → glucose + carbon dioxide

12. Homeostasis (homeostasis) keeps our body temperature constant. After Farid plays football under the hot sun, his body will

A sweat more
B shiver
C produce less sweat
D make the blood vessels near the skin narrower

Bahagian B — Soalan Berstruktur. Jawab semua soalan di ruang yang disediakan.

1. Name the cell part described below.

(a) The site of cellular respiration, where energy is released.

(b) Controls the movement of substances into and out of the cell.

(c) Gives a plant cell its fixed shape and support. [3 markah]

2. Mei Ling puts a small stone into a measuring cylinder that contains water. The water level rises from 40 cm^3 to 100 cm^3. The mass of the stone is 150 g.

(a) What is the volume of the stone?

(b) Calculate the density of the stone.

(c) The density of water is 1 g/cm^3. Will the stone float or sink in water? Give a reason. [4 markah]

3. (a) Write the word equation for cellular respiration (respirasi sel).

(b) State ONE way the body keeps its temperature normal on a very cold day. [3 markah]

2. (a) The Sun, Earth and Moon are in a straight line, with the Earth in the middle. [1 mark]
(b) The Earth blocks the sunlight from reaching the Moon [1 mark], so the Moon is in the Earth's shadow (bayang-bayang). [1 mark]
(c) Yes, it is safe, because we are only looking at the Moon, not directly at the Sun. [1 mark]

3. (a) Temperature (suhu). [1 mark]
(b) Microorganisms grow well at room temperature / grow slowly at low temperature. [1 mark]
(c) Keep it in the refrigerator / keep it in a dry, airtight container. (any suitable answer) [1 mark]

English

1. (a) Daniel said that he liked football. [1 mark]
(b) Amira said that her mother was cooking. [1 mark]
(Tip: change I → he/she, my → his/her, and move the verb one step back: like → liked, is → was.)

2. (a) will grow [1 mark] (first conditional: If + present, will + verb)
(b) bought [1 mark] (simple past)
(c) reads [1 mark] (simple present, habit)

3. (a) Forty bags. [1 mark]
(b) Mr Tan (their teacher). [1 mark]
(c) Any suitable answer in a complete sentence, e.g. "I can take my rubbish home after a picnic." / "I can use a reusable bottle instead of a plastic one." [2 marks: 1 for a suitable idea, 1 for a correct complete sentence]

Bahasa Melayu

1. (a) Baju kurung itu dijahit oleh Mak Cik Salmah. [1 markah]
(b) Bilik darjah dibersihkan oleh murid-murid. [1 markah]
(Petua: objek ke depan, meN- ditukar kepada di-, tambah "oleh".)

2. (a) sebentuk [1 markah]
(b) sepucuk [1 markah]
(c) sebuah [1 markah]

3. (a) Pukul 5.30 pagi. [1 markah]
(b) Hafiz mengutip susu getah ke dalam baldi. [1 markah]
(c) Nilai: rajin / sayang akan keluarga / bertanggungjawab [1 markah]. Bukti: Hafiz bangun awal dan membantu datuknya mengutip susu getah walaupun penat. [1 markah] (terima jawapan lain yang sesuai)

TAMAT SAMPEL

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