SAMPEL PERCUMA

# Ready for Form 1 (DLP): Year 6 Review + Form 1 Head Start

## Set penuh: Masuk Tingkatan 1 2027

Ready for Form 1 · DLP

**Sampel ini: 8 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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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

# Science (Sains) — Part A · Year 6 Review (Ulang Kaji Tahun 6)



Nama: _____ Tarikh: _____ Markah: ____ / 22

**Bahagian A — Aneka Pilihan.** Answer all questions. Circle the correct answer (A, B, C or D). (Jawab semua soalan. Bulatkan jawapan yang betul.)

**1.** Which microorganism (mikroorganisma) is used to make bread dough rise?

**A** yeast (yis) **B** virus
**C** protozoa **D** algae (alga)

**2.** Which of the following is a HARMFUL effect of microorganisms?

**A** making yoghurt **B** causing food to spoil (rosak)
**C** making tempeh **D** decomposing dead leaves

**3.** Which situation shows competition (persaingan) between living things?

**A** a bee taking nectar from a flower **B** a remora fish travelling with a shark
**C** two cats fighting over the same piece of fish **D** a tapeworm living inside a cow

**4.** A clownfish lives among the tentacles of a sea anemone. Both of them benefit. What is this interaction called?

**A** parasitism (parasitisme) **B** competition
**C** predator and prey **D** mutualism (mutualisme)

**5.** Which action helps the conservation (pemuliharaan) of forests?

**A** open burning **B** replanting trees after logging
**C** hunting wild animals **D** building factories in the forest

**6.** Which of these INCREASES friction (geseran)?

**A** deep treads (bunga) on car tyres **B** oil on a door hinge
**C** ball bearings in a bicycle wheel **D** a smooth, polished floor

# English — Part A · Year 6 Review (Ulang Kaji Tahun 6)



Nama: _____ Tarikh: _____ Markah: ____ / 21

**Bahagian A — Aneka Pilihan.** Answer all questions. Circle the correct answer (A, B, C or D).

**1.** Every morning, Aiman ___ to school with his sister.

**A** walks **B** walked
**C** walking **D** is walk

**2.** Last Sunday, we ___ a durian farm in Bentong.

**A** visit **B** visited
**C** visiting **D** will visit

**3.** Look! The children ___ in the rain.

**A** plays **B** played
**C** are playing **D** has play

**4.** If it rains tomorrow, we ___ the picnic.

**A** cancel **B** cancelled
**C** cancelling **D** will cancel

**5.** Mei Ling said, "I am tired."
Choose the correct reported speech.

**A** Mei Ling said that I am tired. **B** Mei Ling said that she was tired.
**C** Mei Ling said that she is tire. **D** Mei Ling says that I was tired.

**6.** Siti was sick, ___ she still went to school.

**A** but **B** because
**C** so **D** or

# Bahasa Melayu — Part A · Year 6 Review (Ulang Kaji Tahun 6)



Nama: _____ Tarikh: _____ Markah: ____ / 21

**Bahagian A — Aneka Pilihan.** Jawab semua soalan. Bulatkan jawapan yang betul (A, B, C atau D).

**1.** Para petani sedang ___ padi di sawah.

**A** menuai **B** penuai
**C** dituai **D** tuaian

**2.** Kita mesti menjaga ___ kawasan sekolah.

**A** bersihan **B** kebersihan
**C** pembersih **D** dibersihkan

**3.** Pilih kata majmuk yang dieja dengan betul.

**A** kerjarumah **B** jalanraya
**C** tanggungjawab **D** bilikdarjah

**4.** Pilih ayat pasif yang betul bagi ayat aktif "Ali menendang bola itu."

**A** Bola itu menendang oleh Ali. **B** Ali ditendang oleh bola itu.
**C** Bola itu tendang oleh Ali. **D** Bola itu ditendang oleh Ali.

**5.** Ayah membeli ___ kereta baharu.

**A** sebatang **B** sebuah
**C** seekor **D** sehelai

**6.** Ibu memetik ___ bunga ros di halaman rumah.

**A** sekuntum **B** sebuah
**C** sepucuk **D** seekor

# Mathematics (Matematik) — Part B · Form 1 Head Start (KSSM Tingkatan 1)

Nama: _____ Tarikh: _____ Markah: ____ / 22

**Bahagian A — Aneka Pilihan.** Answer all questions. Circle the correct answer (A, B, C or D). (Jawab semua soalan. Bulatkan jawapan yang betul.)

**1.** Which of the following is an integer (integer)?

**A** 3/4 **B** -0.5
**C** -7 **D** 2.5

**2.** Arrange -3, 5, -8 and 0 in ascending order (tertib menaik).

**A** -8, -3, 0, 5 **B** 0, -3, 5, -8
**C** -3, -8, 0, 5 **D** 5, 0, -3, -8

**3.** Calculate (-12) + 7.

**A** -19 **B** -5
**C** 5 **D** 19

**4.** Calculate (-6) × (-4) - 30.

**A** -54 **B** 54
**C** 6 **D** -6

**5.** Encik Faizal drives 240 km from Kuala Lumpur to Ipoh in 3 hours. What is his average speed (laju purata)?

**A** 60 km/h **B** 80 km/h
**C** 120 km/h **D** 720 km/h

**6.** Calculate -3/4 + 1/2. Give your answer as a fraction (pecahan).

**A** -1/4 **B** 1/4
**C** -5/4 **D** 5/4

# Science (Sains) — Part B · Form 1 Head Start (KSSM Tingkatan 1)



Nama: _____ Tarikh: _____ Markah: ____ / 22

**Bahagian A — Aneka Pilihan.** Answer all questions. Circle the correct answer (A, B, C or D). (Jawab semua soalan. Bulatkan jawapan yang betul.)

**1.** A bottle in the laboratory (makmal) has a hazard symbol (simbol bahaya) which shows that the substance can destroy skin and metal. What type of substance is it?

**A** Flammable (mudah terbakar) **B** Corrosive (mengakis)
**C** Radioactive (radioaktif) **D** Explosive (mudah meletup)

**2.** What is the SI unit of mass (jisim)?

**A** gram **B** newton
**C** pound **D** kilogram

**3.** The prefix (imbuhan) "kilo" means 1 000. How many metres are there in 3 km?

**A** 30 m **B** 300 m
**C** 3 000 m **D** 3 000 000 m

**4.** What is the value of the prefix "milli" (mili)?

**A** $10^{3}$ **B** $10^{6}$
**C** $10^{-6}$ **D** $10^{-3}$

**5.** Which apparatus (radas) is the best to measure 25 cm³ of water accurately?

**A** Measuring cylinder (silinder penyukat) **B** Beaker (bikar)
**C** Conical flask (kelalang kon) **D** Test tube (tabung uji)

**6.** A wooden block has a mass of 60 g and a volume of 20 cm³. What is its density (ketumpatan)?

**A** 3 g/cm³ **B** 40 g/cm³
**C** 80 g/cm³ **D** 1 200 g/cm³

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

Answer Scheme · Skema Jawapan

## Bahagian A — Aneka Pilihan

| | | | | | | |
|---|---|---|---|---|---|---|
| **Mathematics (Matematik)** | 1 **C** | 2 **A** | 3 **B** | 4 **D** | 5 **B** | 6 **A** |
| | 7 **C** | 8 **C** | 9 **D** | 10 **A** | 11 **B** | 12 **D** |
| **Science (Sains)** | 1 **B** | 2 **D** | 3 **C** | 4 **D** | 5 **A** | 6 **A** |
| | 7 **D** | 8 **C** | 9 **B** | 10 **C** | 11 **B** | 12 **A** |
| **English** | 1 **B** | 2 **C** | 3 **A** | 4 **B** | 5 **C** | 6 **A** |
| | 7 **D** | 8 **A** | 9 **C** | 10 **B** | 11 **D** | 12 **D** |
| **Bahasa Melayu** | 1 **D** | 2 **A** | 3 **C** | 4 **B** | 5 **A** | 6 **C** |
| | 7 **B** | 8 **D** | 9 **B** | 10 **A** | 11 **C** | 12 **D** |

## Bahagian B — Soalan Berstruktur

### Mathematics (Matematik)

**1.** (a) (-15) + 8 - (-4) = -15 + 8 + 4 = -3 [1 mark]
(b) (-48) ÷ 6 = -8 [1 mark]; (-8) × (-2) = 16 [1 mark]
Tip: subtracting a negative number is the same as adding. Negative × negative = positive.

**2.** (a) HCF of 36 and 48: 36 = 2 × 2 × 3 × 3, 48 = 2 × 2 × 2 × 2 × 3. HCF = 2 × 2 × 3 = 12 [1 mark]. Largest number of bags = 12 [1 mark]
(b) Red: 36 ÷ 12 = 3 pens; blue: 48 ÷ 12 = 4 pens per bag [1 mark]

**3.** (a) (-4) × (-4) × (-4) = -64 [1 mark]
(b) $\sqrt{49}$ / $\sqrt{64}$ = 7/8 [1 mark]
(c) 3(2a - b) - (a - 4b) = 6a - 3b - a + 4b [1 mark] = 5a + b [1 mark]
Tip: the minus sign in front of the bracket changes -4b into +4b.

### Science (Sains)

**1.** (a) Mitochondrion [1 mark]
(b) Cell membrane (membran sel) [1 mark]
(c) Cell wall (dinding sel) [1 mark]

TAMAT SAMPEL

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