

**Nama Sekolah / School Name**  
**Test Name / Nama Ujian**

**Paper 1**  
**Kertas 1**

Time: 1 hour  
Masa: 1 jam

This paper consists of **40** questions. Answer **all** questions. Every question is followed by four alternative answers **A, B, C** and **D**. For each question, choose **one** answer only. **Blacken** your answer on the objective answer sheet provided. If you wish to change your answer, erase the blackened mark that you have made. Then **blacken** the new answer.

*Bahagian ini mengandungi 40 soalan. Jawab semua soalan. Tiap-tiap soalan diikuti oleh empat pilihan jawapan iaitu A, B, C, dan D. Bagi setiap soalan, pilih satu jawapan sahaja. Hitamkan jawapan kamu pada kertas jawapan objektif yang disediakan. Jika kamu hendak menukar jawapan, padamkan tanda yang telah dibuat. Kemudian hitamkan jawapan yang baru.*

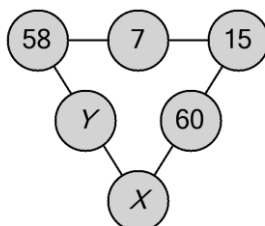
1  $141\,089 + 493\,344 + 253\,571 =$   
A 887 004                      C 898 004  
B 889 004                      D 888 004

2  $657\,666 \div 74 =$   
A 888 remainder 29  
888 baki 29  
B 8 887 remainder 28  
8 887 baki 28  
C 8 887 remainder 29  
8 887 baki 29  
D 888 remainder 28  
888 baki 28

3  $416 \div 4 \times 6 =$   
A 104                              C 426  
B 401                              D 624

4 Azreen buys a set of comics with a total of 5 405 pages. She read 2 521 pages on the first day and 2 006 pages on the second day. How many pages were left for Azreen to read?  
*Azreen membeli satu set komik dengan jumlah 5 405 muka surat. Azreen membaca 2 521 muka surat pada hari pertama dan 2 006 muka surat pada hari kedua. Berapakah muka surat yang tinggal untuk dibaca Azreen?*  
A 439                              C 878  
B 10 878                          D 1 878

5 Diagram 1 shows a triangle.  
*Rajah 1 menunjukkan satu segi tiga.*

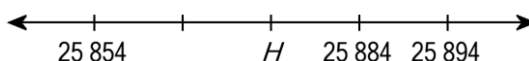


**Diagram 1**  
**Rajah 1**

The total of the three numbers on each side of the triangle is the same. What are the values of  $X$  and  $Y$ ?  
*Jumlah tiga nombor setiap sisi segi tiga itu adalah sama. Apakah nilai  $X$  dan  $Y$ ?*

- A**  $X = 5, Y = 17$       **C**  $X = 15, Y = 17$   
**B**  $X = 5, Y = 27$       **D**  $X = 4, Y = 17$

- 6** Diagram 2 shows a number line.  
*Rajah 2 menunjukkan satu garis nombor.*



**Diagram 2**  
**Rajah 2**

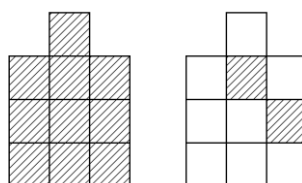
What is the value of  $H$ ?  
*Apakah nilai  $H$ ?*

- A** 25 834                      **C** 25 844  
**B** 25 874                      **D** 25 875

**7**  $7\frac{1}{3} - 6\frac{2}{3} =$

- A**  $\frac{2}{3}$                               **C**  $2\frac{2}{3}$   
**B**  $1\frac{2}{3}$                               **D**  $3\frac{2}{3}$

- 8** Diagram 3 shows two equal shapes. Each of them is divided into equal parts.  
*Rajah 3 menunjukkan dua bentuk yang sama saiz. Setiap bentuk dibahagi secara sama rata kepada beberapa bahagian.*



**Diagram 3**  
**Rajah 3**

The total shaded parts in the diagram is  
*Apakah pecahan bahagian yang berlorek?*

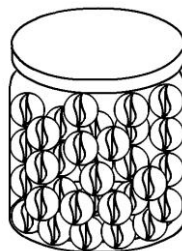
- A**  $\frac{13}{10}$                               **C**  $\frac{12}{10}$   
**B** 12                                      **D**  $\frac{11}{10}$

- 9** Which of the following is true?  
*Antara yang berikut, yang manakah benar?*

- A**  $\frac{12}{4} = 2\frac{3}{4}$                       **C**  $\frac{27}{4} = 6\frac{2}{4}$

**B**  $\frac{14}{5} = 2\frac{4}{5}$       **D**  $\frac{26}{3} = 8\frac{1}{3}$

- 10** Twenty-four and seventy-two thousandths written in numerals is  
*Dua puluh empat dan tujuh puluh dua per seribu ditulis dalam angka ialah*  
**A** 24.072      **C** 240.72  
**B** 24.72      **D** 2 407.2
- 11** Which of the following quotients has the paling kecil value?  
*Antara berikut, yang manakah mempunyai nilai hasil bahagi yang paling kecil?*  
**A**  $134 \div 100$       **C**  $14 \div 1000$   
**B**  $13.4 \div 100$       **D**  $1.4 \div 100$
- 12** Puan Fatimah buys 6 bottles of cooking oil. Each bottle weighs 4.05 kg. Calculate the total mass, in kg.  
*Puan Fatimah membeli 6 botol minyak masak. Jisim setiap botol ialah 4.05 kg. Hitungkan jumlah jisim, dalam kg.*  
**A** 24.2      **C** 24.3  
**B** 23.3      **D** 24.4
- 13** What is the value of 3 in 5.723?  
*Apakah nilai 3 dalam 5.723?*  
**A**  $\frac{3}{1\ 000}$       **C**  $\frac{3}{10}$   
**B**  $\frac{3}{100}$       **D** 3
- 14** A 2 m of plank is cut into 20 pieces. Find the length, in m, of each piece.  
*Sekeping papan yang sepanjang 2 m dipotong kepada 20 bahagian. Cari panjang setiap bahagian, dalam m.*  
**A** 0.1      **C** 1.1  
**B** 0.2      **D** 1.2
- 15** Which of the following is **not** equal to 70%?  
*Antara berikut, yang manakah adalah **tidak** bersamaan dengan 70%?*  
**A**  $\frac{7}{10}$       **C**  $\frac{7}{100}$   
**B** 0.7      **D**  $\frac{21}{30}$
- 16** Diagram 4 shows a bottle of marbles.  
*Rajah 4 menunjukkan sebotol guli.*



100 marbles  
 100 biji guli

**Diagram 4**  
**Rajah 4**

If 26% of the marbles in the bottle has been taken out, how many marbles are left in the bottle?  
*Jika 26% daripada guli di dalam botol itu dikeluarkan, berapakah banyak guli yang tertinggal di dalam botol?*

- A** 36                      **C** 84  
**B** 74                      **D** 26

**17** Find the number of RM50 notes in RM97 350.  
*Cari bilangan wang kertas RM50 dalam RM97 350.*

- A** 1 957                      **C** 1 947  
**B** 194 700                      **D** 19 470

**18**   $\div 4 = \text{RM}21\,964$

What number must be written in the  above?

*Apakah nombor yang mesti ditulis dalam  itu?*

- A** RM87 867                      **C** RM87 857  
**B** RM87 866                      **D** RM87 856

**19** Convert 1.6 centuries to decades.  
*Tukar 1.6 abad kepada dekad.*

- A** 16                              **C** 1 600  
**B** 160                              **D** 16 000

**20** A bus leaves Johor Bahru to Kuala Lumpur at 0630 hours and reaches Kuala Lumpur at 1410 hours. How long does the journey take?

*Sebuah bas berlepas dari Johor Bahru ke Kuala Lumpur pada jam 0630 dan sampai di Kuala Lumpur pada jam 1410. Berapa lamakah masa yang digunakan dalam perjalanan itu?*

- A** 7 hours 40 minutes  
*7 jam 40 minit*  
**B** 7 hours 45 minutes  
*7 jam 45 minit*  
**C** 7 hours 50 minutes  
*7 jam 50 minit*  
**D** 8 hours 10 minutes  
*8 jam 10 minit*

**21**  $65\,191\text{ m} \div 7 = \underline{\hspace{2cm}}\text{ km}$

- A** 93.13                      **C** 9 313  
**B** 931.3                      **D** 9.313

**22**   $\text{m} \times 9 = 6.795\text{ km}$

What number must be written in the  above?

*Apakah nombor yang mesti ditulis dalam  itu?*

- A** 7 550                      **C** 755 000  
**B** 75 500                      **D** 755

- 23 Diagram 5 the mass of 5 oranges.  
Rajah 5 menunjukkan jisim 5 biji oren.

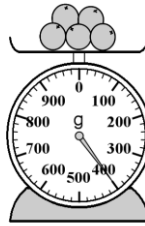


Diagram 5  
Rajah 5

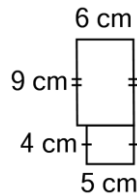
What is the mass of the oranges?  
Berapakah jisim oren itu?

- A  $\frac{2}{5}$  kg                      C  $\frac{1}{3}$  kg  
B  $\frac{4}{11}$  kg                      D  $\frac{4}{13}$  kg
- 24  $4.25 \text{ kg} \times 4 =$   
A 16 500 g                      C 170 000 g  
B 17 000 g                      D 175 000 g
- 25  $32\,900 \text{ g} = \underline{\hspace{2cm}} \text{ kg}$   
A 3 290                          C 32.9  
B 329                              D 3.29
- 26 Ms Mei Li uses  $7\frac{7}{10}$  kg of noodle to prepare her food for sale every day. How much noodle does she use in a week?  
*Ms Mei Li menggunakan  $7\frac{7}{10}$  kg mi untuk menyediakan masakan untuk jualan setiap hari. Berapakah jisim mi yang digunakannya dalam satu minggu?*  
A 5.39 kg                      C 53.4 kg  
B 5.44 kg                      D 53.9 kg
- 27  $500 \text{ ml} + 2 \ell 800 \text{ ml} =$   
A 330 ml                        C 3 300 ml  
B 380 ml                        D 3 800 ml
- 28  $33 \ell 910 \text{ ml} = \underline{\hspace{2cm}} \ell$   
A 3 391                          C 33.91  
B 339.1                          D 3.391
- 29  $4.2 \ell - 0.9 \ell - 500 \text{ ml} =$   
A 2.3  $\ell$                         C 23  $\ell$   
B 2.8  $\ell$                         D 28  $\ell$
- 30 Puan Cherry uses  $8\frac{1}{2}$   $\ell$  of cooking oil in a month. How many millilitres of cooking oil that she uses in a month?

Puan Cherry menggunakan  $8\frac{1}{2}$  l minyak masak dalam satu bulan. Berapakah mililiter minyak masak yang digunakannya dalam satu bulan?

- A 8 300 ml                      C 8 700 ml  
 B 8 500 ml                      D 8 900 ml

- 31 Diagram 6 shows a composite 2-D shape.  
 Rajah 6 menunjukkan sebuah bentuk gabungan 2-D.

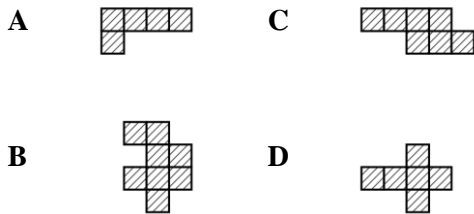


**Diagram 6**  
**Rajah 6**

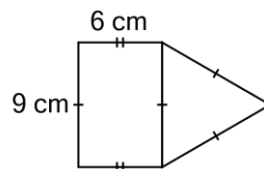
What is the perimeter of the 2-D shape?  
 Berapakah perimeter bentuk gabungan 2-D ini?

- A 24 cm                      C 38 cm  
 B 37 cm                      D 74 cm

- 32 The shapes below consist of squares of equal size. Which of the following shapes has the largest area?  
 Bentuk-bentuk di bawah terdiri daripada petak-petak segi empat sama yang sama saiz. Bentuk yang manakah mempunyai luas yang paling besar?



- 33 Diagram 7 shows a composite 2-D shape.  
 Rajah 7 menunjukkan sebuah bentuk gabungan 2-D.



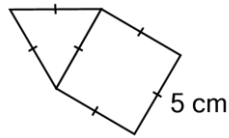
**Diagram 7**  
**Rajah 7**

What is the perimeter of the 2-D shape?  
 Berapakah perimeter bentuk gabungan 2-D ini?

- A 30 cm                      C 63 cm  
 B 39 cm                      D 486 cm

- 34 Diagram 8 shows a composite 2-D shape.

Rajah 8 menunjukkan sebuah bentuk gabungan 2-D.

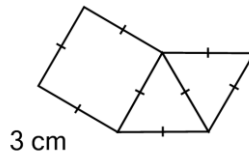


**Diagram 8**  
**Rajah 8**

What is the perimeter of the 2-D shape?  
Berapakah perimeter bentuk gabungan 2-D ini?

- A** 15 cm                      **C** 25 cm  
**B** 20 cm                      **D** 125 cm

- 35** Diagram 9 shows a composite 2-D shape.  
*Rajah 9 menunjukkan sebuah bentuk gabungan 2-D.*

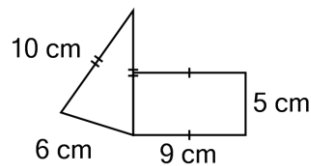


**Diagram 9**  
**Rajah 9**

What is the perimeter of the 2-D shape?  
Berapakah perimeter bentuk gabungan 2-D ini?

- A** 9 cm                      **C** 18 cm  
**B** 15 cm                      **D** 21 cm

- 36** Diagram 10 shows a composite 2-D shape.  
*Rajah 10 menunjukkan sebuah bentuk gabungan 2-D.*

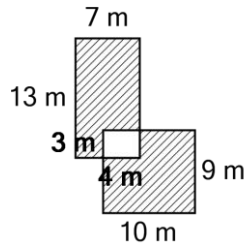


**Diagram 10**  
**Rajah 10**

What is the perimeter of the 2-D shape?  
Berapakah perimeter bentuk gabungan 2-D ini?

- A** 25 cm                      **C** 44 cm  
**B** 39 cm                      **D** 105 cm

- 37** Diagram 11 shows a composite 2-D shape.  
*Rajah 11 menunjukkan sebuah bentuk gabungan 2-D.*

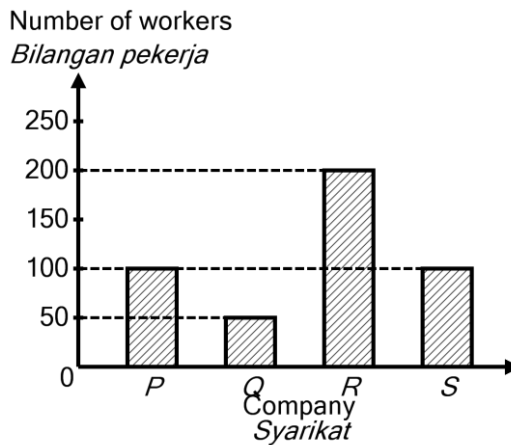


**Diagram 11**  
*Rajah 11*

Find the area of the shaded region.  
*Hitung luas kawasan berlorek.*

- A**  $38 \text{ m}^2$                       **C**  $174 \text{ m}^2$   
**B**  $157 \text{ m}^2$                       **D**  $188 \text{ m}^2$

- 38** Diagram 12 is a bar chart showing the number of workers in four companies.  
*Rajah 12 ialah sebuah carta palang yang menunjukkan bilangan pekerja di empat buah syarikat.*



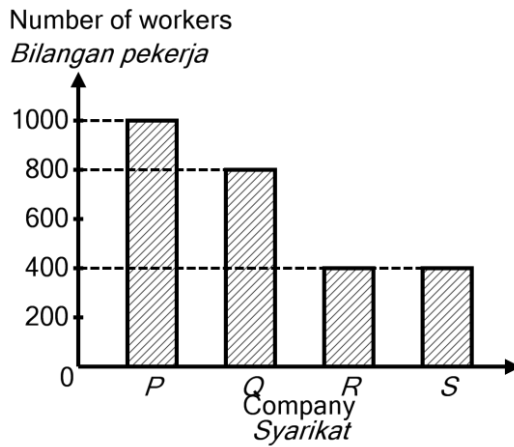
**Diagram 12**  
*Rajah 12*

What is the the most common number of workers owned by the four companies?  
*Apakah bilangan pekerja yang paling umum dimiliki oleh empat buah syarikat?*

- A** 250                      **C** 100  
**B** 200                      **D** 50

- 39** Diagram 13 is a bar chart showing the number of workers in four companies.  
*Rajah 13 ialah sebuah carta palang yang menunjukkan bilangan pekerja di empat buah syarikat.*





**Diagram 13**  
**Rajah 13**

What is the maximum number of workers owned by four companies?

*Apakah bilangan maksimum pekerja yang dimiliki oleh empat buah syarikat?*

- A** 200                      **C** 1 000  
**B** 600                      **D** 400

**40** Which of the following sets of numbers has an average of 43?

*Antara set-set nombor berikut, yang manakah mempunyai purata bernilai 43?*

- A** 52, 68, 69              **C** 16, 19, 94  
**B** 9, 35, 97              **D** 64, 90, 92

**Answer:**

1 D   2 B   3 D   4 C   5 A  
6 B   7 A   8 C   9 B   10 A  
11 C   12 C   13 A   14 A   15 C  
16 B   17 C   18 D   19 A   20 A  
21 D   22 D   23 A   24 B   25 C  
26 D   27 C   28 C   29 B   30 B  
31 C   32 B   33 B   34 C   35 C  
36 C   37 B   38 C   39 C   40 C