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ANGKA GILIRAN :

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**JABATAN PELAJARAN SELANGOR
MAJLIS GURU BESAR NEGERI SELANGOR**



**PROGRAM PENINGKATAN PRESTASI AKADEMIK PPPA
PEPERIKSAAN PERCUBAAN UPSR
2012**

MATEMATIK

Kertas 1

1 jam

JANGAN BUKA KERTAS SOALAN INI SEHINGGA DIBERITAHU

1. This question paper consists of **40** questions.
Kertas soalan ini mengandungi 40 soalan.
2. Answer **all** questions.
Jawab semua soalan.
3. Each question is followed by four alternative answers **A,B,C** or **D**. For each question, choose **one** answer only. **Blacken** your answer on the objective answer sheet provided.
*Setiap soalan diikuti oleh empat pilihan jawapan, iaitu, **A,B,C** or **D**. Bagi setiap soalan, pilih satu jawapan sahaja. **Hitamkan** jawapan anda pada kertas jawapan objektif yang disediakan.*
4. If you wish to change your answer, erase the blackened mark that you have made. Then **blacken** the new answer.
*Jika anda hendak menukar jawapan, padamkan tanda yang telah dibuat. Kemudian **hitamkan** jawapan yang baharu.*
5. The diagrams in the questions provided are not drawn to scale unless stated.
Rajah yang mengiringi soalan tidak ditulis mengikut skala kecuali dinyatakan.
6. You may do your working in the spaces on the question paper.
Anda boleh membuat kerja mengira di ruang kosong di dalam kertas soalan ini.

Kertas soalan ini mengandungi 20 halaman bercetak

1. Which of the following represents $5\frac{1}{2}$ million ?

下列哪项代表 $5\frac{1}{2}$ 百万 ?

- A 5 000 500
- B 5 005 000
- C 5 050 000
- D 5 500 000

2. Diagram 1 shows a number card.

图 1 显示一张数目卡。

2 <u>5</u> 43.025

Diagram 1

图 1

What is the place value of the underline digit ?

在这卡上的5的位值是多少?

- A Hundredths
百分位
 - B Thousandths
千分位
 - C Hundred
百位
 - D Thousand
千位
3. $6\,540\,000 \div 6 =$
- A 1.9 million
1.9百万
 - B 1.09 million
1.09百万
 - C 1.009 million
1.009百万
 - D 0.19 million
0.19百万

4. $4\,125 \div 25 \times 9 =$

- A 1 405
- B 1 425
- C 1 445
- D 1 485

5 Which of the following is a correct conversion?

下列哪项的换算是正确的?

- A 7.05 a.m. = 1905 hours
7.05 a.m. = 1905时
- B 10.25 a.m. = 2225 hours
10.25 a.m. = 2225时
- C 6.40 p.m. = 0640 hours
6.40 p.m. = 0640时
- D 12.55 p.m. = 1255 hours
12.25 p.m. = 1225时

6 Which value is smallest?

下列哪项的值最小?

- A $7\frac{5}{9}$
- B $7\frac{7}{12}$
- C $7\frac{8}{9}$
- D $7\frac{9}{12}$

7 $4\frac{1}{2} - 1\frac{5}{6} - 1\frac{1}{3} =$

- A $2\frac{1}{3}$
- B $2\frac{1}{6}$
- C $1\frac{1}{3}$
- D $1\frac{1}{6}$

8. $7 - \boxed{} = 2\frac{3}{8}$

What number must be written in the $\boxed{}$ above?

在 $\boxed{}$ 里須填上什麼數目?

A. $9\frac{5}{8}$

B. $9\frac{3}{8}$

C. $4\frac{5}{8}$

D. $4\frac{3}{8}$

9. $1\frac{5}{6} + 3\frac{2}{3} + 1\frac{1}{4} =$

A. $5\frac{3}{4}$

B. $5\frac{1}{2}$

C. $6\frac{7}{12}$

D. $6\frac{3}{4}$

10. Diagram 2 consists of squares of equal size.

图2 是由一些同样大小的正方形组成的。

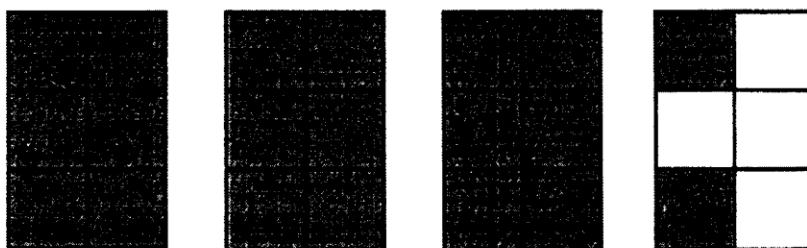


Diagram 2

图 2

State the mixed number of the shaded region.

写出涂黑部分占全图的带分数。

A $3\frac{1}{3}$

C $3\frac{2}{3}$

B $3\frac{1}{2}$

D $3\frac{5}{6}$

11. Diagram 3 shows a number line.

图3 显示一条数目线。

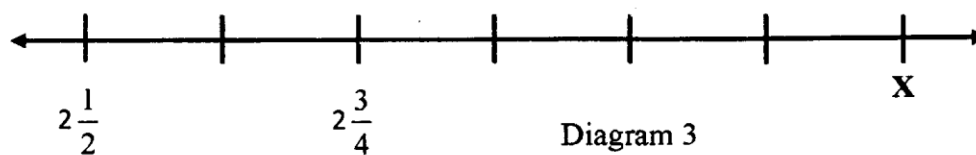


Diagram 3

图3

The value of X is

写出X的值。

A $3\frac{1}{2}$

B $3\frac{1}{4}$

C $3\frac{1}{8}$

D $3\frac{3}{8}$

12. $53.6 - 9.67 - 6 =$
A 43.87
B 43.33
C 37.93
D 37.07
13. What is the product of 4.65 and 13 ?
4.65 和 13 的积是多少?
A 60.45
B 60.045
C 6.45
D 6.045
14. $11.2 + 17.075 - 5.14 =$
A 27.071
B 23.415
C 23.135
D 12.047
15. Round off RM 657.45 to the nearest ringgit.
把RM 657.45 写成令吉的近似值。
A RM 650
B RM 657
C RM 658
D RM 660
16. $6\text{ l} - 2\frac{3}{5}\text{ l} =$
A 4 600 *ml*
B 4 400 *ml*
C 3 600 *ml*
D 3 400 *ml*

17. $\text{RM}150 - \text{RM}1.40 + 305 \text{ sen} =$

- A RM 595.00
- B RM 315.00
- C RM 151.65
- D RM 148.60

18 Which of the following is the correct conversion?

下列哪项的换算是正确的?

- A $9.03 \text{ km} = 9 \text{ km } 3 \text{ m}$
- B $9.3 \text{ km} = 9 \text{ km } 30 \text{ m}$
- C $9.03 \text{ km} = 9 \text{ km } 300 \text{ m}$
- D $9.3 \text{ km} = 9 \text{ km } 300 \text{ m}$

19 The sale price of 16 cameras is RM8 000. The benefit of the cameras is RM2 000. How much is the cost price of a camera?

16 架照相机的售价是RM8 000。出售所有照相机后所得的利润是RM2000。

一架照相机的成本是多少?

- A RM 375
- B RM 500
- C RM 625
- D RM 640

20 $75\% \text{ of } 5 \text{ kg } 40 \text{ g} =$

$5 \text{ kg } 40 \text{ g} \text{ 的 } 70\% =$

- A 1680 g
- B 3780 g
- C 4050 g
- D 5475 g

- 21 Diagram 4 consists of squares of equal size.
图4 是由一些同样大小的正方形组成的。

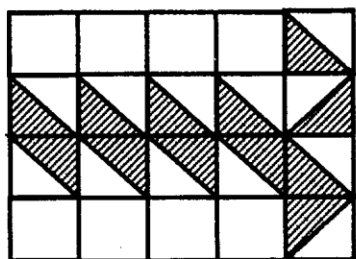


Diagram 4

图4

Calculate the percentage of the shaded region
计算涂黑部分占全图的百分比。

- A 16
B 18
C 30
D 45
- 22 Fedrick's age is 48 years 2 months old. His wife is $\frac{1}{4}$ year less than him.
His son, Douglas is $7\frac{1}{2}$ years old.
What is the age difference between the mother and his son?
法立的年龄是48岁2个月。他的太太比他小 $\frac{1}{4}$ 年。他的儿子达乐的年龄是 $7\frac{1}{2}$ 岁。
妈妈与儿子的年龄相差多少岁多少个月?
- A 40 years 3 months
40岁3个月
B 40 years 5 months
40岁5个月
C 41 years 2 months
41岁2个月
D 41 years 4 months
41岁4个月

- 23 Diagram 5 shows the time Hoe starts surfing the internet in the evening.
图5显示阿豪在下午开始浏览互联网的时间。

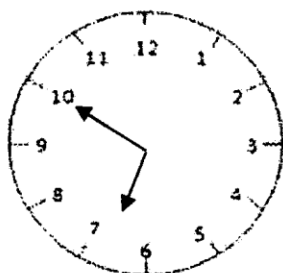


Diagram 5

图5

He spends 2 hours 30 minutes surfing the internet and takes a rest for $\frac{1}{4}$ hour before he starts his revision.

At what time he starts his revision?

他使用2小时30分钟浏览互联网，间中休息 $\frac{1}{4}$ 小时，然后他就温习功课。

他在什么时候开始温习功课？

- A 2135 hours
2135时
- B 2115 hours
2115时
- C 2035 hours
2035时
- D 2015 hours
2015时

24 Diagram 6 shows the position of four places W, X, Y and Z.

图 6 显示四个地方W、X、Y 和 Z的位置。

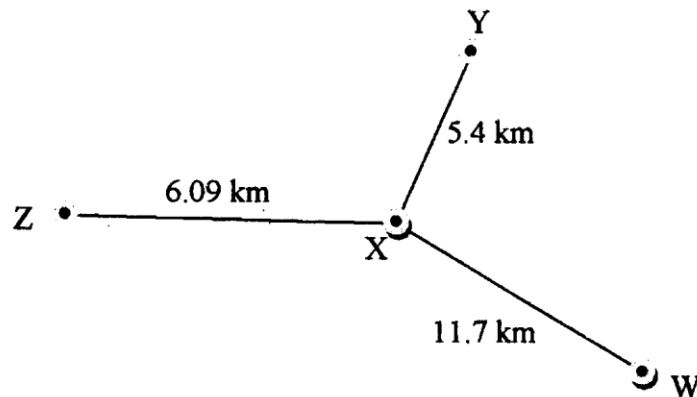


Diagram 6

图6

Remy drove from W to Z to attend his course. However, he got lost and went to Y and had to turned back to Z. What is the total distance in km, he drove ?

仁米驾车从W前往Z出席一项会议，但是仁米走错路而到达Y，因此他倒回头再前往Z。

这样他一共走了多少km的路程？

- A 18.14
- B 23.25
- C 28.59
- D 58.19

- 25 Diagram 7 shows the sales price before discount of tie, shirt, trousers and socks. The cost price of the item is RM300.

图7 显示一条领带、一件长袖衬衫、一条长裤和一双袜子折扣前的价钱。

所有物品的成本是RM300。

RM180	RM200	RM250	RM40
			
Discount 20%	Discount 30%	Discount 40%	Discount 50%
折扣 20%	折扣 30%	折扣 40%	折扣 50%

Diagram 7

图7

How much is the total benefit of the money after discount ?

出售所有折扣后的物品所得的利润是多少？

- A RM100
B RM154
C RM200
D RM254
- 26 Table 1 shows the length of rope needed to tie two parcels, P and Q.
表1 显示捆绑两份包裹P和Q所需的绳子的长度。

Parcel 包裹	Length of rope 绳子的长度
P	2.9 m
Q	85 cm

Table 1

表1

Calculate the total length, in cm, of rope needed to tie 3 parcels P and 1 parcel Q.

以cm为单位, 计算捆绑3个P包裹和一个Q包裹的绳子的总长度。

- A 955
B 755
C 525
D 325

- 27 Pn. Azlina buys 3.6kg of flour. $\frac{1}{5}$ of the flour are used to make 2 cakes.

Calculate the mass, in g, of flour needed to make 8 similar cakes.

阿芝娜女士购买3.6 kg的面粉。她用了面粉的 $\frac{1}{5}$ 来烘焙2个蛋糕。

以g为单位, 计算需用多少面粉来烘焙8个相同的蛋糕。

- A 720
- B 1 940
- C 2 880
- D 3 060

- 28 Diagram 8 shows the mass of three watermelons.

图8 显示三个西瓜的质量。

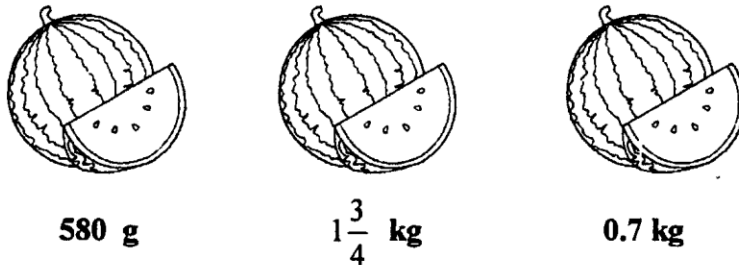


Diagram 8

图8

Calculate the average mass of a watermelon.

计算一个西瓜的平均质量。

- A 910 g
- B 1 010 g
- C 1 100 g
- D 1 110 g

- 29 Table 2 shows the incomplete bill of items bought by Puan Linda.

表 2 显示琳娜太太的一张不完整的购物单据。

Quantity 数量	Item 物品	Price per unit 单价	Price 银额
9 packets 9 包	Flour 面粉		
2 packets 2 包	Oil 食油	RM3.00	RM6.00
4 tins 4 罐	Milk 牛奶	RM8.90	RM35.60
TOTAL			

Table 2
表2

The total price of the bill is the same as the price of 7 tins of milk.
What is the price of a packet of flour?

购物单据里的总计与7罐牛奶的银额是相同的。

面粉的单价是多少?

- A RM 2.30
- B RM 2.80
- C RM 20.70
- D RM 26.10

- 30 Diagram 9 shows the volume of water in three bottles X, Y and Z.

图9 显示三个容器 X、Y 和Z里的水的体积。

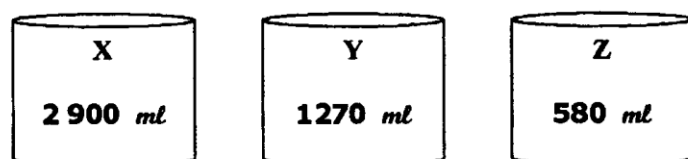


Diagram 9
图9

What is the total amount of water in the three bottles?

三个容器里水的总体积是多少?

- A $4\frac{3}{4} \ell$
- B $4\frac{3}{5} \ell$
- C $4\frac{2}{5} \ell$
- D $4\frac{1}{4} \ell$

- 31 Table 3 shows the characteristic of solid K, L, M and N.

表3 显示立体K、L、M和N的特征。

Solid 立体	Number of flat face 平面的数量	Number of Curved face 曲面的数量	Number of edges 边的数量	Number of vertices 顶点的数量
<i>K</i>	1	1	1	1
<i>L</i>	2	1	2	0
<i>M</i>	3	1	2	0
<i>N</i>	2	0	1	2

Table 3
表3

Which of the following solids is a cylinder?

以下哪个立体是圆柱体？

- A K
- B L
- C M
- D N

- 32 Diagram 10 shows a block of wood.

图10 显示一个木块。



Diagram 10

图10

The wood is cut into three equal parts.

Calculate the total number of flat faces.

这个木块被切成三个相等的部分。

计算平面的数量。

- A 18
- B 24
- C 30
- D 36

33. Diagram 11 is a bar chart showing the number of workers in four factories, W, X, Y and Z.

图11 的条形统计图显示四间工厂W、X、Y和Z的员工人数。

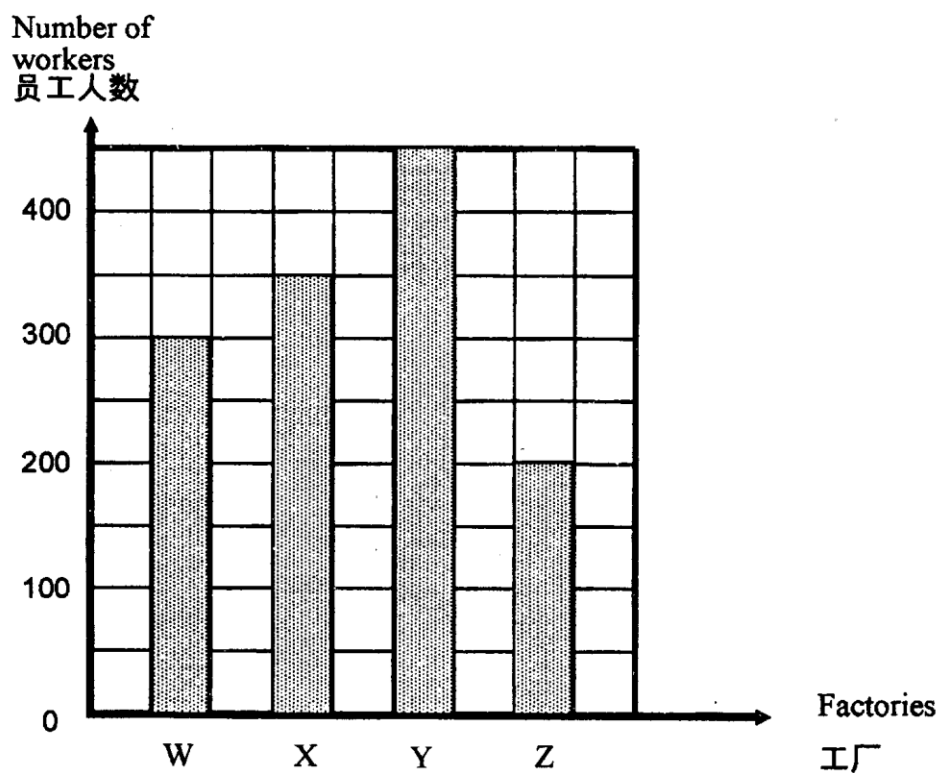


Diagram 11

图11

The workers are Malay, Chinese and Indian. 55% of the total workers are Malay, $\frac{3}{10}$ are Chinese and the rest are Indians.

How many Indians are there altogether?

以上的员工有马来人、华人和印度人。员工总数的 55% 是马来人，

华人占总数的 $\frac{3}{10}$ ，其余的是印度人。

印度人的人数是多少？

- A 195
- B 325
- C 390
- D 715

34. Diagram 12 shows the percentage of different races of pupils in a class.
图12的圆形统计图显示某班各族学生人数的百分比。

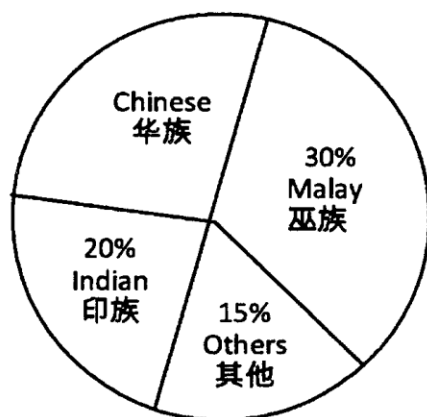


Diagram 12

图12

There are 40 pupils in a class.
How many Chinese pupils are there?

该班学生共有40人。

该班华族学生有多少人?

- A 4
- B 8
- C 12
- D 14

- 35 Table 4 shows the mathematics marks of four pupils.
表4 显示四位学生的数学分数。

PUPIL 学生	MARKS 分数
Liza 丽莎	72分
Goh 阿吴	14 marks less than Liza 比丽莎少14分
Hema 荷玛	Same marks as Goh 与阿吴的分数一样
Kiren 启仁	64分

Table 4

表4

Calculate the average marks of a pupil.

计算每位学生的平均分数。

- A 41
- B 50
- C 63
- D 68

36. Diagram 13 is a pictograph showing the sale of sport shoes in four months.
图13 的象形统计图显示四个月份运动鞋的销售量。

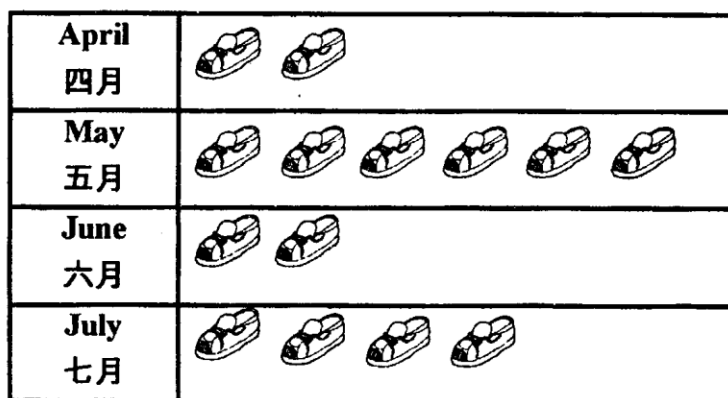


Diagram 13

图13



represents 6 sport shoes

代表6双运动鞋

What is the difference between the sales in May and the average sales over the four months?

五月的销售量与该四个月的平均销售量相差多少?

- A 48
- B 36
- C 24
- D 15

- 37 Diagram 14 shows a whole jelly in the shape of a cuboid.

图 14 显示一整块的长方体琼脂。

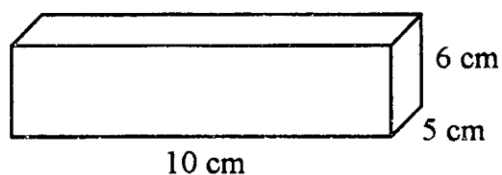


Diagram 14

图14

$\frac{2}{5}$ of the jelly is eaten.

What is the volume, in cm^3 , of the jelly that is left?

这块琼脂的 $\frac{2}{5}$ 被吃了。

所剩下的琼脂的体积是多少 cm^3 ?

- A 120
- B 180
- C 240
- D 300

- 38 Diagram 15 consists of squares of the same size.

图 15 是由同样大小的正方形所组成的。

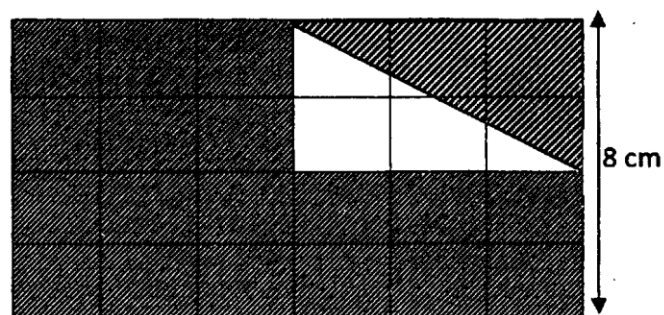


Diagram 15

图15

Calculate the area, in cm^2 , of the shaded region.

以 cm^2 为单位, 计算涂黑部分的面积。

- A 48
- B 72
- C 84
- D 96

- 39 Jaja is 12 years old. Juju is 10 years 8 months old.
How old is Jiji if the average age of the three girls is 11 years 10 months?

如果三名女生的平均年龄是 11 岁 10 个月，

嘉嘉的年龄是 12 岁。朱朱的年龄则是 10 岁 8 个月。

那么另一个女生芝芝的年龄是多少？

- A 13 years 4 months
13 岁 4 个月
B 12 years 10 months
12 岁 10 个月
C 11 years 4 months
11 岁 4 个月
D 10 years 10 months
10 岁 10 个月

- 40 Diagram 16 shows PQRS is a square and SRT is a straight line.

图 16 显示一个正方形 PQRS。SRT 是一条直线。

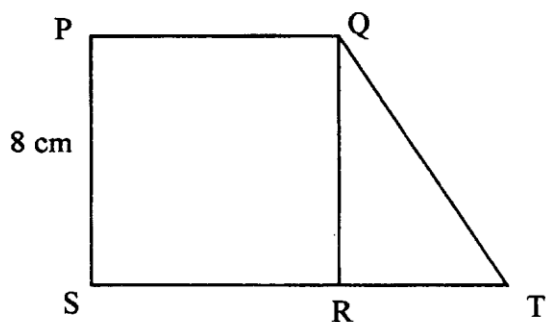


Diagram 16

图16

The length of RT is $\frac{3}{4}$ the length of SR.

Calculate the area, in cm^2 , of the triangle RQT.

RT 的长度是 SR 的 $\frac{3}{4}$ 。

以 cm^2 为单位，计算三角形 RQT 的面积。

- A 16
B 24
C 40
D 48

END OF QUESTION PAPER

本卷完

PROGRAM PENINGKATAN PRESTASI AKADEMIK
UJIAN PENILAIAN SEKOLAH RENDAH 2012
MATHEMATICS

Jawapan Paper 1

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