亚庇建国中学 2023 年初一新生入学考试
KIAN KOK MIDDLE SCHOOL
JUNIOR ONE ENTRANCE EXAMINATION 2023
数学科（时间：50 分钟）
MATHEMATICS (TIME: 50 MINUTES)

作答说明 INSTRUCTIONS

1. 甲组-选择题：25题全做。选出正确答案，并用2B 铅笔在答案卷上将对应的字母涂黑。
   Answer all 25 questions in Section A. Darken the correct answer for each question on your answer sheet.
2. 乙组-作答题：5题全做。在答案卷所提供的空白处作答。所有演算步骤必须清楚写出。
   Answer all 5 questions in Section B. Write your answer on the answer sheet. Show the mathematical working clearly.

甲组：选择题 $25 \times 3\% = 75\%$
Section A: Objective questions $25 \times 3\% = 75\%$

1. $25 + 81 \div 9 - 5 \times 6 = ?$

   A. 1　　B. 2　　C. 3　　D. 4

2. 在下列等式中，$\square$ 框内的数字是什么？

   In the following equations, what is the number in $\square$?

   $$7 \ \square \ 1 + 3260 = 3981$$

   A. 4　　B. 3　　C. 2　　D. 1

3. 一只蚂蚁沿着以下图1所示纸盒的顶盖之边缘绕一圈，请问它共行走了多少距离？
   An ant walks around the edge of the top cover of the carton as shown in the Diagram 1 below. How much distance does it travel?

图 1
Diagram 1

   A. 14 cm /厘米　　B. 16 cm /厘米　　C. 20 cm /厘米　　D. 24 cm /厘米

4. 5 550 的 30% 是多少？

   Calculate 30% of 5 550.

   A. 1 500　　B. 1 565　　C. 1 600　　D. 1 665

5. 图2显示学校假期开始与结束的时间。

Diagram 2 shows the duration of school holidays.

图2

Diagram 2

根据图2显示的两个日期，计算学校假期有多少天？

How long are the school holidays?

A. 35天/days　　B. 36天/days　　C. 37天/days　　D. 38天/days

6. 将下列数字由大到小顺序排列：

Arrange the following numbers in descending order:

$$0.85\,;\ \frac{3}{4}\,;\ \frac{4}{5}\,;\ 1\frac{1}{2}\,;\ \frac{5}{4}$$

A. $1\frac{1}{2}$; $\frac{5}{4}$; 0.85 ; $\frac{4}{5}$; $\frac{3}{4}$　　B. 0.85 ; $\frac{3}{4}$, $\frac{5}{4}$, $1\frac{1}{2}$, $\frac{4}{5}$　　C. $1\frac{1}{2}$; 0.85 ; $\frac{5}{4}$; $\frac{4}{5}$; $\frac{3}{4}$　　D. $\frac{3}{4}$; $\frac{4}{5}$; 0.85 ; $\frac{5}{4}$; $1\frac{1}{2}$

7. 下列所示的图形中，面积最大的是_____。

In the following figures, the largest area is _____.

A.

B.

C.

D.

8. 一台原价为 RM 4 680的电脑，其折扣10%后的价格是一台微波炉的2倍。微波炉的价格是多少？

A computer originally priced at RM 4 680 is 2 times the price of a microwave after a 10% discount.

What is the price of the microwave?

A. RM 2 574　　B. RM2 106　　C. RM 2 105　　D. RM2 056

9. 下列哪一项是不正确的？

Which of the following is **not** true?

A. $\frac{1}{6} \times 51\ kg = 8.5\ kg$

B. $3\frac{5}{6}$小时 $+ 45$ 分钟 $= 4$ 小时 35 分钟

$3\frac{5}{6}$ hours $+ 45$ minutes $= 4$ hours 35 minutes

C. $8\frac{3}{5}l + 2\frac{1}{4}l = 10850ml$

D. $7\frac{2}{5}km + 3\frac{7}{10}\text{km} = 74037\text{m}$

10. 图3显示一个长方形。

Diagram 3 shows a rectangle.

图3

Diagram 3

图 3 中黑色长方形的百分比是多少？

What is the percent of the black rectangles in Diagram 3?

A. 28%　　B. 32%　　C. 36%　　D. 40%

11. 6个月 $\times 11 =$

$6\ months\ \times\ 11 =$

A. 5年5个月
5 years 5 months

B. 5年6个月
5 years 6 months

C. 6年5个月
6 years 5 months

D. 6年6个月
6 years 6 months

12. 四个数目的平均数是9.876，请找出这组数目的总数。

The average of the four numbers is 9.876. Find the total number of this group.

A. 9.876　　B. 19.752　　C. 29.628　　D. 39.504

13.

图4

Diagram 4

图4的笛卡尔平面显示四个地区的坐标。T 和 U 的坐标分别是什么？

The Cartesian plane in Diagram 4 shows the coordinates of four locations. Find the coordinates of Points T and U.

	T	U
A.	(3,1)	(4,7)
B.	(1,3)	(4,7)
C.	(7,5)	(1,7)
D.	(4,7)	(1,3)

14. 图5显示两个相同的长方体。
Diagram 5 shows two identical cuboids.

图5
Diagram 5

两个长方体相连部分的面积是 20 cm²。以 cm²为单位，计算综合立体的表面积。
The area of the connected part of the two cuboids is 20 cm². Calculate the surface area of the composite solid in cm².

A. 228　　B. 218　　C. 208　　D. 198

15. 下课铃声响起，假设你从班上步行到食堂前，你看了看手表，以下为手表显示的时间：
The following shows the time displayed by the watch when you started walking from your class to canteen:

到达食堂后，你又看了手表，以下为手表显示的时间：
After arriving at the canteen, you looked at your watch again, and the following is the time displayed by the watch:

请问你花了多少时间从班上步行到食堂？
How long did it take you to walk from your class to the canteen?

A. 2分钟/minutes　　B. 5分钟/minutes　　C. 10分钟/minutes　　D. 70分钟/minutes

16. 某校有师生1400人，教职员占5%，男学生占学生人数的$\frac{3}{5}$，请问女学生有多少人？

There are 1400 teachers and students in a school, 5% of them are teachers. $\frac{3}{5}$ of students are male. How many female students are there?

A. 532　　B. 560　　C. 798　　D. 840

17. 图6显示一条数目线。
Diagram 6 shows a group of number sequence.

图6
Diagram 6

计算$R - P$。
Calculate $R - P$.

A. 2.75　　B. 4.52　　C. 6.29　　D. 9.71

18. 下列哪一项是**不**正确的？

Which of the following is **not** true?

A. $5\% = 0.05$　　B. $30\% = 0.3$　　C. $65\% = 0.65$　　D. $90\% = 0.09$

19. 如下图所显示，求 B 的值。
As shown in the figure below, find the value of B.

A. 3　　B. 3.5　　C. 4　　D. 4.5

20. 5本同样的练习簿的价钱为 RM 19。敏敏买了6本并付了 RM 30。请问收银员该找回多少钱给她？
The prices of the 5 same exercise books are RM 19. Min Min bought 6 exercise books and paid RM 30. How much change should she get?

A. RM 7.10　　B. RM 7.20　　C. RM 7.30　　D. RM 7.40

21. 一辆巴士在星期三2134时离开 A 镇，星期四0817时抵达 B 镇，请问这辆巴士行驶了多少时间？
A bus left Town A at 2134 on Wednesday night and arrived in Town B at 0817 on Thursday morning. How long was the bus journey?

A. 10小时43分钟 10 hours 43 minutes　　B. 10小时34分钟 10 hours 34 minutes　　C. 3小时43分钟 3 hours 43 minutes　　D. 3小时34分钟 3 hours 34 minutes

22. 表1显示四家工厂一天的玩具生产量。

Table 1 shows the toy production of the four factories in one day.

工厂/Factory	玩具的数量/ Quantity of toy
T	157
O	220
Y	169
S	?

表1
Table 1

S 工厂的玩具生产量没有显示出来。如果四家工厂平均每天生产180个玩具，计算 S 工厂一天的玩具生产量。

The toy production of the Factory S is not shown. If the four factories produce average of 180 toys per day, calculate the toy production of Factory S in one day.

A. 45
B. 157
C. 174
D. 366

23. 在下列等式中，求a的值。

Find the value of a in the following equation.

$$\frac{3}{10}+\frac{6}{a}+\frac{8}{1000}=0.368$$

A. 10 000 B. 1 000 C. 100 D. 10

24. 武术团的男生和女生会员人数的比例是$4:3$。男生比女生多14人。计算武术团的会员人数。

The ratio of the number of boys to girls in a Martial Arts Club is $4:3$. The numbers of boys is 14 more than that of girls. Calculate the total number of Martial Arts Club members.

A. 28 B. 42 C. 56 D. 98

25. $\frac{1}{10\,000}$ 是0.1的多少倍？

How many times does 0.1 go into $\frac{1}{10\,000}$?

A. 0.001 B. 0.01 C. 0.1 D. 1.0

乙组：作答题 25%
Section B: Subjective questions 25%

Section B	**25**

1. 计算：9 分钟 48 秒 ÷ 7 = _____秒。
Calculate: 9 minutes 48 seconds ÷ 7 = _____ seconds.
答案 / Answer:

4

2. A 校一个月的学费为 RM 350。瑄瑄是一名优等生，因此她只需缴交一个月学费的一半。
The school fee for school A is RM 350 per month. Shuan Shuan is an elite student on scholarship, so she only needs to pay half of the fee per month.

a) 如今，瑄瑄的母亲要为瑄瑄提早缴交半年的学费，请问瑄瑄的母亲应缴交多少钱？
Now, Shuan Shuan's mother wants to pay her school fee for half a year in advance. How much should she pay?
答案 / Answer:

3

b) 若瑄瑄的母亲只带了10张 RM 100，请问她还差多少钱？
If Shuan Shuan's mother had ten RM 100 notes only, how much money was she short of?
答案 / Answer:

3

3. 汤姆有4.5m 的彩带，用了其中的 $\frac{1}{5}$ 来绑礼盒后，其余的平分成5段。其中3段彩带的长度总和是多少 cm？

Tom has a 4.5 m ribbon, $\frac{1}{5}$ of it is used to tie a gift box, the rest is divided into 5 sections. What is the total length of 3 sections of ribbon in cm?

答案 / Answer:

5

4. 图7显示两架手提电脑。

Diagram 7 shows two laptops.

图7
Diagram 7

宋先生要买一架手提电脑，哪一架最便宜？他应付多少钱？

Mr. Song wants to buy a laptop. Which is cheaper? How much does he pay?

答案 / Answer:

5

5. 图 8 是由一个长方形和一个正方形所组成的综合图形。
Diagram 8 is formed by one rectangle and one square.

一个长方形的长度是13 cm 和宽度是6.5 cm。一个正方形边长为4.5 cm。
The rectangle is 13 cm long and 6.5 cm wide. The square has a side of 4.5 cm.

a) 以 cm 为单位，计算阴影区域的周长。
Find the perimeter of the shaded part in cm.
答案 / Answer:

2

b) 以 cm^2 为单位，计算阴影区域的总面积。
Find the total area of the shaded part in cm^2.
答案 / Answer:

3