



ST OLAVE'S GRAMMAR SCHOOL
GODDINGTON LANE
ORPINGTON
BR6 9SH

SAMPLE QUESTIONS FOR STAGE 1 ENTRANCE TEST (SET)

Stage 1 Entrance Test

**Selective Eligibility Test (SET) Information
for Candidates**

The **Selective Eligibility Test (SET)** will consist of around 60 questions and be split into four sections. The test will last for 1 hour and candidates will be told when to start and finish each section.

Section A: English (comprehension)

Section B: Mathematics

Section C: Verbal reasoning

Section D: Non-verbal reasoning

All questions will be multiple choice. In each section, candidates will have to work out which is the correct answer from five possible options.

The test comprises a question booklet and an ‘ANSWER SHEET’. The answer sheet will require you to use a HB pencil. The machine that reads the answer sheet cannot see anything else.

The numbers of the answer sheet will correspond to the question numbers on the Test paper. Each number on the answer sheet will have boxes A, B, C, D and E for you to fill in your answer. You must place a solid black mark on top of the letter that corresponds to your answer only. One mark on top of the letter should be entered for each question, **unless stated otherwise in the question.**

Example

If you think the answer to a question is B, put a solid black mark through the B as shown below:

1

A

☒

C

D

E

If you change your mind about an answer, rub it out completely.

Please note that the marks shown below are incorrect and will not be recorded.

1

A

B

☒

☒

E

*

2

A

B

C

D

E

Your candidate name will be filled in for you in the row of boxes under ‘CANDIDATE NAME’

CANDIDATE NAME																INITS.	
B	A	G	G	A	G	E											
A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G

Your candidate number will be filled in for you in the row of boxes under ‘CANDIDATE NUMBER’ as per the example below. A barcode will printed below the Candidate number, it is important that candidates do not write on this barcode.

St. Olave's Grammar School Selective Eligibility Test (SET)

Sample Paper for website

Name:..... Candidate number:.....

This paper consists of 57 questions with 60 marks available.

In nearly all questions there is only 1 correct answer.

The only exceptions are questions 10, 11 and 12 where you should fill in 2 answers.

There are 4 sections. **Each section should take you 15 minutes. If you finish a section you can move on to the next section. You will be given a warning every 15 minutes of when you should move on to the next section if you have not done so.**

Section A: English (Comprehension)

Section B: Mathematics

Section C: Verbal Reasoning

Section D: Non-Verbal Reasoning

Total time: 1 hour

You must NOT use a calculator.

Here is an example of how to fill in the answer sheet.

Question: How many $\frac{1}{2}$ s are there in $2\frac{1}{2}$?

Answers: A: 4 B: 5 C: 6 D: 7 E: 8

The correct answer is B, so mark the answer sheet like this: [A] ~~[B]~~ [C] [D] [E]

If a question requires you to give two answer and for example the answer is A & D, mark the answer sheet like this: ~~[A]~~ [B] [C] ~~[D]~~ [E]

If you change your mind about an answer, rub it out completely.

Please note that the marks below are incorrect and will not be recorded.

[A] [B] ~~[C]~~ [D] [E]

Do NOT turn over until told to do so.

Section A: English Comprehension Extract:

Section B : Mathematics

15. Alex arrives school at 8.30 a.m. and leaves at 4.15 p.m.
For how many minutes is he at school?

- A. 405 B. 465 C. 495 D. 525 E. 775

16. Which of the following is the **most suitable** unit for measuring the capacity of a large bucket?

- A. centimetre B. gram C. kilogram D. litre E. millilitre

17. A rectangle has a perimeter of 24 centimetres. Its length is twice its width.
What is its area in square centimetres (cm^2)?

- A. 20 cm^2 B. 24 cm^2 C. 32 cm^2 D. 36 cm^2 E. 128 cm^2

18. The number of lines of symmetry of a rectangle that is not a square is x .
The number of lines of symmetry of an isosceles triangle is y . What is
the value of $x+y$?

- A. 2 B. 3 C. 4 D. 5 E. 7

Section B : Mathematics

19. A bag contains 20 red discs, 10 green discs and 30 blue discs. A disc is chosen at random. Which of these events is the **most** likely?

- A. The chosen disc is red.
- B. The chosen disc is blue
- C. The chosen disc is not red.
- D. The chosen disc is green or blue.
- E. The chosen disc is not green.

20. What is the next number in the sequence

3 5 9 17 33 ?

- A. 57 B. 61 C. 63 D. 65 E. 67

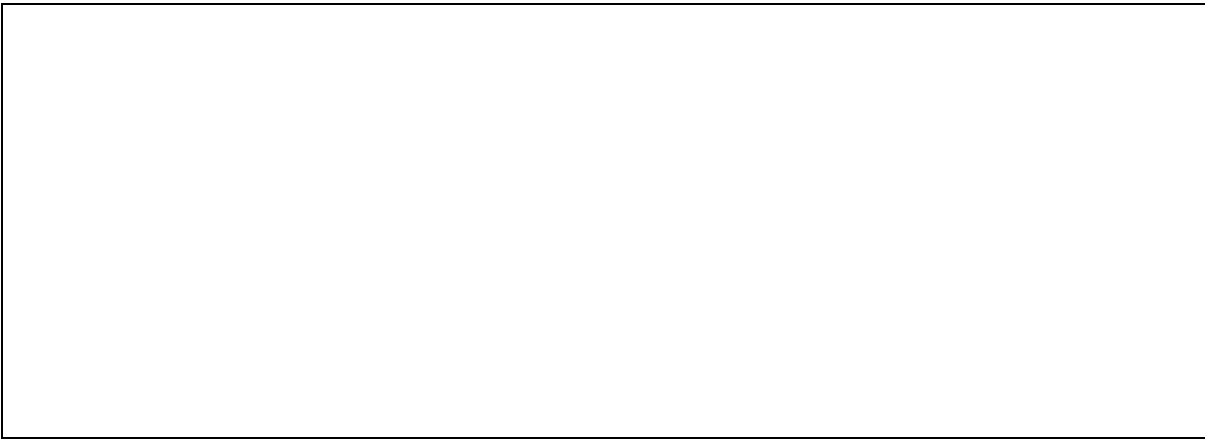
21. The North lighthouse flashes every 20 seconds.
The South lighthouse flashes every 25 seconds.
The two lighthouses have just flashed at the same time.
How many seconds will it be before they next flash at the same time?

- A. 500 B. 300 C. 200 D. 100 E. 50

22. Adil says "I have chosen a prime number less than 20. It is one more than a multiple of 4."

How many possible numbers could Adil have chosen?

- A. 0 B. 1 C. 2 D. 3 E. 4



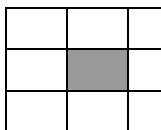
Section B : Mathematics

23. In April this year it rained in Orpington on 9 out of the 30 days. On what percentage of the days did it **not** rain in Orpington this year?

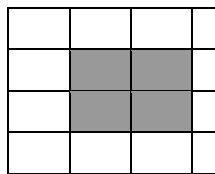
- A. 21 B. 30 C. 60 D. 70 E. 80

24. Teddy is making a sequence of patterns using white and grey tiles.
The first three patterns are below.

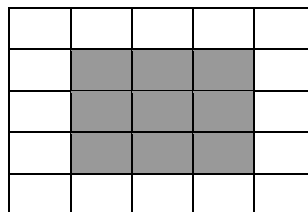
Pattern (1)



Pattern (2)



Pattern (3)



How many grey tiles will there be in pattern (10)?

- A. 44 B. 80 C. 81 D. 90 E. 100

25. Sabrina, Stanley and Shane are sharing a cake. Sabrina eats one quarter of the cake.
Stanley eats one half of the rest of the cake. What fraction of the cake is left for Shane?

A. $\frac{1}{4}$

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

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

D. $\frac{2}{5}$

E. $\frac{1}{2}$

Section B : Mathematics

26. Sophia draws a row of ten dots in a straight line.
The gap between each dot and the next dot is 25 millimetres.
What is the distance in **metres** between the first dot and last dot?

A. 0.225

B. 0.25

C. 22.5

D. 25

E. 250

27. The total cost of 4 rulers and 5 pencils is the same as the total cost of 2 rulers and 11 pencils.

How many pencils cost the same as 5 rulers?

A. 10

B. 15

C. 20

D. 25

E. 30

End of Section B Mathematics Questions