ST OLAVE'S GRAMMAR SCHOOL
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SAMPLE QUESTIONS FOR STAGE 1 ENTRANCE TEST (SET)

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: Logic: Verbal reasoning

Section D: Logic: 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¬ Ⓒ √⌐D¬ ⌐E¬

2 *⌐A¬*⌐B¬ ⌐C¬ ⌐D¬ ⌐E¬

You will be asked to print your surname in the row of boxes under 'CANDIDATE NAME' and the initials of your first name(s) in the boxes under 'INITS.' as per the example below. The empty boxes have been left for you to practise on.

CANDIDATE NAME																			INITS.	
B	A	G	G	A	G	E													A	B

You will be asked to print your candidate number, which will be given to you when you apply, in the row of boxes under 'CANDIDATE NUMBER' as per the example below. The example shows candidate number 102.

CANDIDATE NUMBER							
1	0	2					

Do **NOT** doodle anywhere on the answer sheet.

On the following pages, there are sample questions for you to practise. The answers are on the final pages.

Good luck!

Section A. English comprehension

Candidates will be asked to read a very short passage and answer some questions about it. They will be similar in style to the comprehension questions in the Stage 2 English test.

Section B. Mathematics

1. Which is the wrong number in this sequence?

			A	B	C	D	E
1	3	7	15	31	65	127	255	511

2. Which of these is a multiple of 13?   A: 27   B: 59   C: 131   D: 39   E: 49

3. What is the ratio of (vowels : consonants) in the word STEAMY as a fraction **in its lowest terms**?

    A: 2/4   B: 3/4   C: 1/2   D: 2/6   E: 1/3

4. What is the missing number?

    a. $2^2 + 3^2 + 4^2 = 5^2 + (\,?\,)^2$

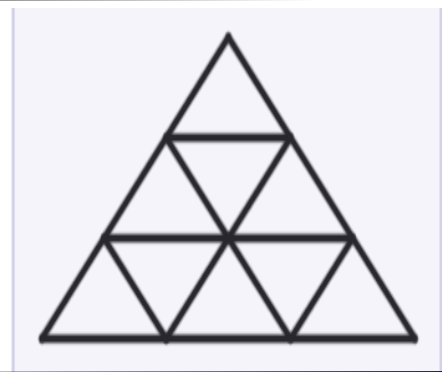   A: 6   B: 4   C: 3   D: 2   E: 5

5. If x = 8,   y = 9 and z = 3,   which is the correct value of: $\dfrac{(y+z)^2}{x}$

    A: 3   B: 9.25   C: 19   D: 18   E: 2.25

6. How many triangles of any size can you find in this picture?
    A: 13   B: 12   C: 11   D: 10   E: 9
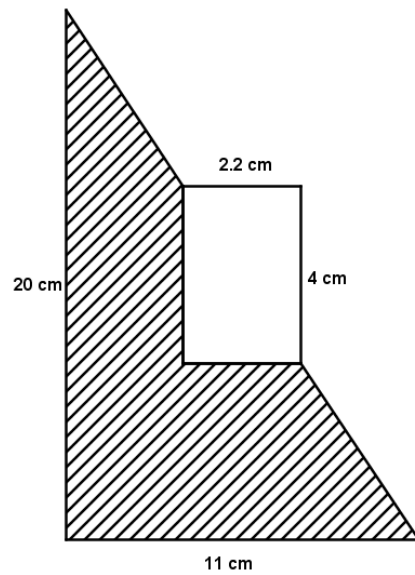
7. What is the shaded area (in cm²)?
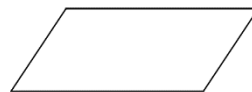
    A: 46.2

    B: 101.2

    C: 105.6

    D: 211.2

    E: 251.5

20 cm

2.2 cm

4 cm

11 cm

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8. What is the total number of lines of symmetry in each of these two shapes?

    A: 2   B: 3   C: 4   D: 5   E: 6

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9. A supermarket takes £12 every second between 9.00 am and midday.

    How much is this in total?

    A: £1,296   B: £12, 980   C: £12,960   D: £129,600   E: £129,800

Section C: Logic (Verbal reasoning)

10. Choose the correct word or words to go in the brackets:

    The books are (?) heavy to carry.
    A: to   B: two   C: well   D: too   E: proper

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11. Which word or letters can go in front of each of the words to make new compound words?

    tend   pose   plain   tent

    A: ED   B: IN   C: CON   D: ING   E: EX

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12. Find two words which are made from the same letters. You must choose two letters on your answer sheet.

    A: SEPALS   B: STAPLE   C: PASTED   D: ASLEEP   E: PLATES

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13. What new word is made by combining a word from the first bracket with one from the   second?
    There is only one correct answer.

    a. (cool rest tea)   (spot lest rain)

       A: teaspot   B: restlest   C: coollest   D: tearain   E: restrain

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14. Which two words are the odd ones out? Mark 2 letters on your answer sheet.

    A: group   B: couple   C: individual   D: single   E: several
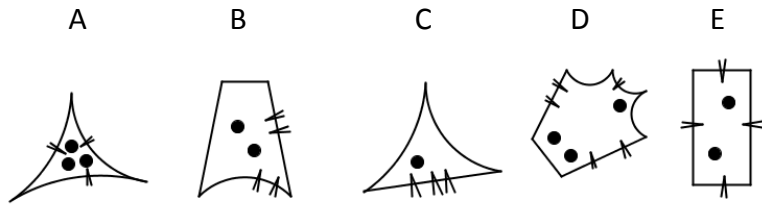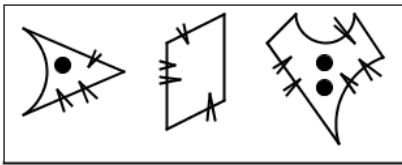
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15. Fill in the missing word.
    Example: take (each) hock   →   post (_told_) dale

    slave (place) poach   →   could (_?_) hyper

           A: holed   B: hoped   C: proud   D: duped   E: none of these

Section D: Logic (Non-verbal reasoning)

16.   Which figure is most like the three in the box?

A   B   C   D   E
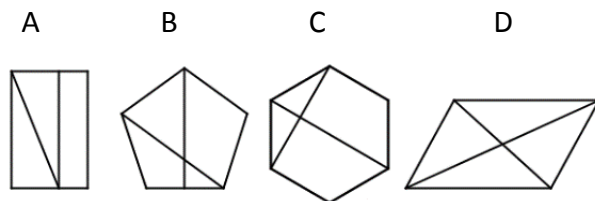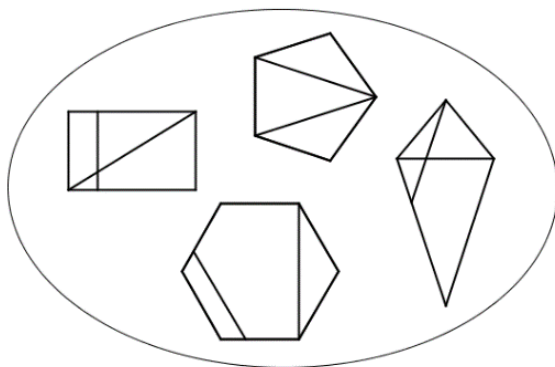
17.   Use this alphabet to continue the sequence.

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

GL   FN   HM   GO   IN   HP   (?)

A: JO   B: KQ   C: IO   D: OJ   E: none of these

18.   Which shape best matches the enclosed ones?

A   B   C   D

E: None of these

Answers:

Section B: Mathematics

1. B
2. D
3. C
4. D
5. D
6. A
7. C
8. A
9. D

Section C: Logic (Verbal reasoning)

10. D
11. E
12. B, E
13. E
14. C, D
15. B

Section D: Logic (Non-verbal reasoning)

16. A
17. A
18. C