

# CRITICAL PUZZLE TEST

CODE: 5102

FINALS

**Max. Marks : 60**

**Duration : 60 Mins.**

## General Instructions :

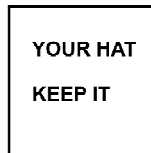
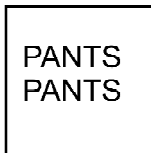
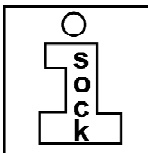
1. Please find the separate Answer Sheets along with the question paper.
2. Mention your Test Code, Student ID, Name, Class, Section, Contact no. and School Name on the Answer Sheet as per Question Paper and Hall Ticket.
3. Please read the instructions carefully before attempting the question.
4. Answer questions in Answer Sheet only.
5. Don't write or tick anything on the question paper.
6. Use only Black or Blue Ball Point Pen to answer the question in Answer Sheet.
7. Submit only answer sheet(s) to the invigilator.

## 1. Find the missing words

TEACHER: Our nose was made to smell with and our feet were made to run with.

TOMMY : I must be made all wrong then, because my nose\_\_\_\_\_and my feet\_\_\_\_\_.

2. **Each word or group of words stands for a familiar phrase. Identify and write the phrases.**



## Critical Reasoning Test & Critical Puzzle Test

3. When Mr. Ollie Lee bought a new car, he asked for a license plate(marker) with the number 337 31770. Here's a picture of it. Figure out why he wanted these figures on it?



4. 

W	E	A	U	L
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Arrange these squares in a line to write the name of an animal

5. When Wilbur woke up and looked outside, it was snowing. The window was so misty that he could write “snowing” on it with his finger. Just for fun he rubbed out the letter “n” which left the word “sowing”. Then he rubbed out another letter, and again it left a word.

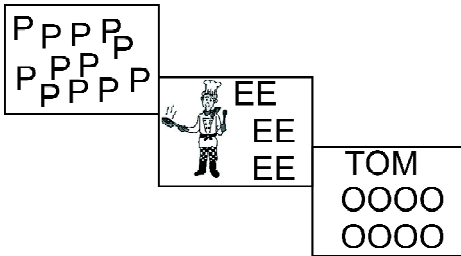
He kept doing this, Every time he took away a letter, it left a word. Finally, only one letter was left and that was a word, too! What is that word?

6. 

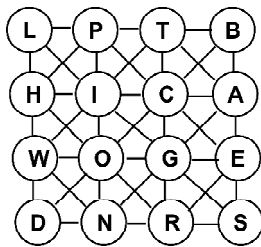
W	H	O	G	L	U	S
S	<b>Hidden Proverb</b> A humorous twist on an old proverb is hidden in this border. If you read it by starting at the right letter, then taking every other letter as you go twice around the border. Write the suitable proverb.					A
E						E
L						L
S						H
A						O
T						T
S						S
H	T	E	I	W	S	H

## 51.Critical Thinking & Creative Skills

7. This grocer likes to use signs that puzzle his customers.Each one contains the hidden name of something else the grocer sells.



8. Nine well-known animals can be spelled with the letters shown above, Start with any leter, then move along a black line, in any direction, to the next letter.write all the names of the animals?



9. The three mysterious black shapes represent a letter of the alphabet .Guess the letter



## Critical Reasoning Test & Critical Puzzle Test

10. If it takes Willie 80 minutes to read a short story, and it takes his sister an hour and ten minutes to read the same story who is the faster reader?
11. If you were to tear pages 8,9,48,53 and 54 out of this book, how many separate sheets of paper would you rip out ?



12. Each word or group of words stands for a familiar phrase. Identify and write the phrase.

<i>R</i> <i>G</i> ROSIE <i>i</i> <i>N</i>	ENGAGE MENT		EVERY RIGHT THING
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13. Find the Missing Word.

T	E	A	A	P	C
P	E	K	E	N	Y



## 51. Critical Thinking & Creative Skills

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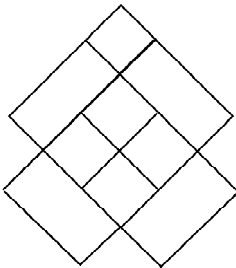
Put the right letters in the blank squares above so that each vertical column is a three letter word, and the center horizontal row spells the name of a familiar sea animal.

14. What year of this century is the same when its number is upside down? What year of the previous century is the same when inverted?

15. ○ ○ ○  
○ ○ ○  
○ ○ ○

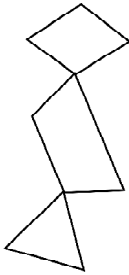
How many different squares are indicated by four spots that mark their corners?

- 16.



How many different squares can you find in this picture?

17. The shape below is formed from three smaller pieces. These pieces are connected by a tiny hinge at their point of attachment. Suppose you were able to rotate the pieces so that neighboring sides aligned flatly and squarely. Which one of the shapes below could this structure look like?



A



B

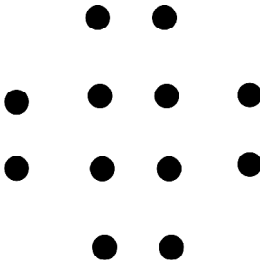


C

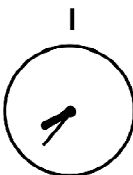


D

18. How many squares can you create in this figure by connecting any four dots ?

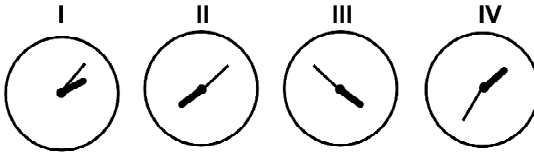


19. Imagine the hands of a standard clock in the position that indicate the time of 4 : 20. Suppose you looked at that clock in a mirror. Which of the following clock faces would the reflected image resemble?

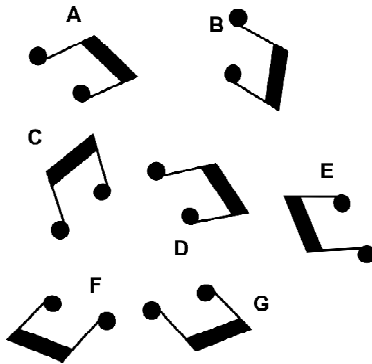


## 51. Critical Thinking & Creative Skills

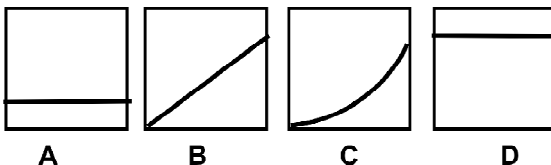
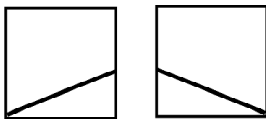
20. Suppose that the hands of a clock indicate the time of 2:40. Suppose you turned the clock upside down and then looked at its mirror reflection. Which one of the faces below would the reflected image resemble?



21. Which pair of notes is unlike the other six pairs ?



22. Suppose the values illustrated by the two graph forms below are added together. Which of the four choices will the combined final graph form look like?

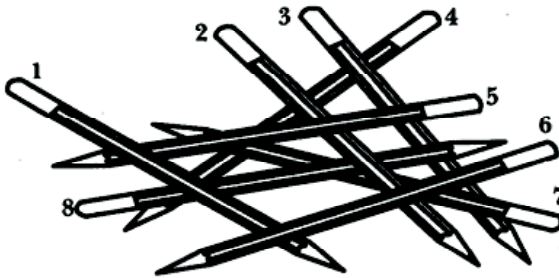


23. The mathematical signs connecting the numbers below have been left out. We've supplied them on four tiles. Your job is to place the tiles between the numbers so that the final answer is 3

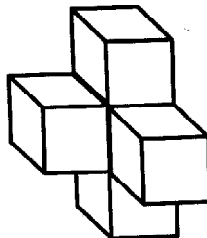
$$5 \blacksquare 2 \blacksquare 3 \blacksquare 5 \blacksquare 4 = 3$$



24. Which is the third pencil up from the bottom of the stack?



25. Examine this five-block shape (although hidden, the fifth block is present in the middle of the shape) from any angle. How many different cube faces can you count?



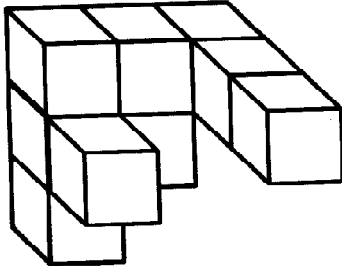
26. Suppose that hidden block (the fifth one) is evaporated. How many cube faces would now be exposed?



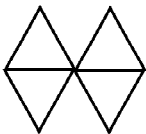
## 51. Critical Thinking & Creative Skills

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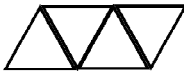
Now examine this nine-block shape from any angle, How many different cube faces can you count?



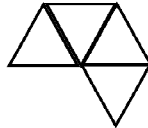
27. Which of the folding patterns below will produce a shape unlike the others?



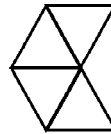
A



B

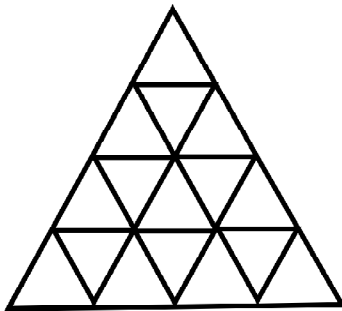


C

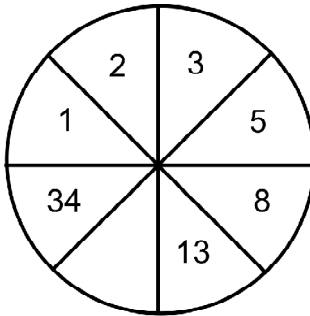


D

28. How many equilateral triangle can you uncover in the pattern below?



29. What number belongs in the blank slice below?

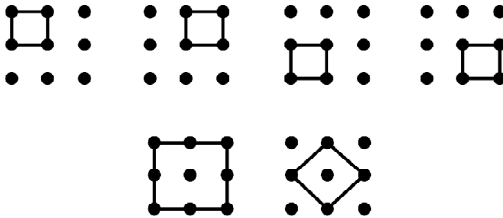


30. Six people attended a gala for visual thinkers. If all guests shook hands with everyone else (no pair shook hands more than once), how many handshaking events were there?

### SOLUTIONS TO MODEL PAPER - II

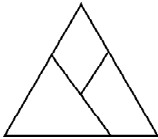
1. Tommy said, “ ..... my nose runs and my feet smell.”
2.
  1. “ A Sock in the eye “
  2. A pair of pants
  3. A flat tire.
  4. Keep it under your hat.
3. Turn the page upside down !
4. Turning the W square upside down makes it an M, and turning the U square on the side makes it a C. The answer is CAMEL.
5. Snowing, sowing, owing, wing, win, in, l.
6. Start at the bottom corner on the left and then move counter-clockwise to spell “He who laughs last is the slowest”.
7.
  1. Peas
  2. Cantaloupe
  3. Tomatoes
  4. Rice
  5. Cookies
  6. Cottage Cheese
8. Cat, dog, cow, horse, lion, tiger, pig, bat hog.
9. Rotate the page 90° clockwise, and you'll see a capital E.
10. Willie's sister is the faster reader. She finished the story in 70 minutes, which is ten minutes less than Willie's 80 minutes
11. Four. Pages 53 and 54 are two sides of the same sheet.
12. Ring around Rosie  
A broken engagement.  
Dark circles under the eyes.  
Right in the middle of everything.
13. The sea animal OYSTER.
14. The invertible years are 1961 and 1881.

15. There are six different squares.

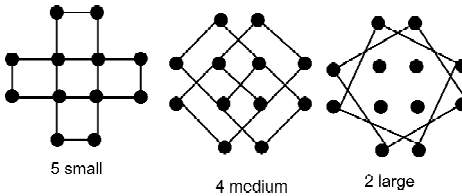


16. There are five small squares, five middle - sized squares, and one large one - 11 in all

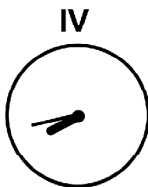
17.



18.



19.

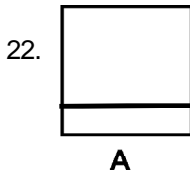
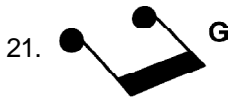


20.



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23.  $5 \times 2 - 3 + 5 \div 4 = 3$

24. Pencil # 7

25. Twenty - two sides.

26. Thirty -six sides.

27. B is the only pattern that will produce a four - sided triangular pyramid.

28. 27 triangles: 16 one - cell triangles, 7 four - cell triangles, 3 nine - cell triangles, and 1 sixteen - cell triangle.

29. As you move clockwise around the circle, the number on each section is equal to the sum of the two previous sections.

30. Fifteen handshakes. The first person would have shaken hands five times. The next person only needed to make four handshakes, since the handshake with one person had all ready been completed. The next person required only three, and so on. That gives us  $5 + 4 + 3 + 2 + 1 = 15$ .

