نماذج اختبارات تجريبية

مقياس موهبة للقدرات العقلية المتعددة

المستوى الثالث

باللغة الإنجليزية
(Level 3)

First: Verbal Reasoning and Reading Comprehension

1. Choose the pair of words that shows the same relationship as that of the pair of words in **BOLD**.

**MONEY : GOODS**

A  sea -ship  
B  key- knob  
C  wood- saw  
D  ticket- travel

2. Fill in the space with a word that completes the sequence showing the same relationship as in the words above the line.

   **CHILD** - **TEENAGER** - **YOUTH**
   **STUDYING** - ...................... - **SUCCEEDING**

A  teaching  
B  writing  
C  listening  
D  learning
3. If iron is heavier than sand and stones heavier than soil but lighter than sands. Which one of them is the lightest?

A  iron  
B  sands  
C  stones  
D  soil

4. My neighbour grows in her garden different flowers such as lily, Jasmine and “cloo”. Thus, ”cloo”…….

A  is fast growing  
B  is highly priced  
C  smells good  
D  tastes good

5. I have been reading about education systems in the best 20 countries. I found them to be serious and successful. I became convinced that failure education in any society is due to lack of strategy. According to the above paragraph, which of the following is correct?

A  seriousness damages education  
B  compromise in education is beneficial  
C  education has natural quality  
D  seriousness increases the quality of education
Second: Mathematical and Spatial Reasoning

1. The product of two numbers is 900. Their sum is greater than their difference by 30. What is the largest number?

   A 15 B 30
   C 45 D 60

2. In the following figure, the total area of the shaded parts (in cm²) is:

   A 6 B 8
   C 12 D 14

3. A cylindrical jar contains three glass balls each has a diameter of 2cm and their surfaces touch the inner side of the jar as shown below. What is the volume of the gap in the jar?

   A π B 2π
   C 3π D 4π
4. What is the missing piece in the following shape?

5. Which shape should replace the question mark?
Third: Science and Mechanical Reasoning

1. If all the following bodies are of the same matter, in which of them is the force of attraction the strongest?

A  
B  
C  
D  

2. Which of the following represents a periodic change?

A  the growth of a child  
B  earthquakes  
C  storms  
D  sea waves
3. **Why some volcanic rocks are porous (containing holes)?**

A rocks contain gas bubbles during formation  
B rain causes holes in these rocks  
C small stones hit these rocks before they get cooled  
D insects use these rocks before they become hard

4. **An experiment is carried out to investigate that a certain quantity of table salt dissolves more rapidly in hot water. The main variable in this experiment is…..**

A process of salt dissolution  
B degree of temperature  
C quantity of salt  
D quantity of solvent
5. If pulley (3) moves in the direction of the arrow (anticlockwise) as shown below, how many pulleys will rotate in the opposite direction (clockwise)?

A  3
B  4
C  5
D  6
Fourth: Mental Flexibility

1. What shape should replace the question mark in the following pattern?

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A  B  C  D
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2. The following question has one word followed by four pairs of words. Choose the pair that relates to this word.

ORANGE

A  pineapples - bananas
B  cucumbers – tomatoes
C  figs - dates
D  apples - grapes
3. A school bus transports 40 students every morning to their school. At the end of the school year, the number of students started to decrease at a rate of 10% of the students’ total number each day. In which day their number will become 16?

A  fourth
B  fifth
C  sixth
D  seventh

4. My friend Khalid left his home in Riyadh to visit a certain capital city. After two days he called me, I told him that I was taking my lunch. He said I just finished taking my dinner. Which of the following capitals can we say that Khalid is calling from?

A  Jakarta
B  Abu Dhabi
C  Rabat
D  London

5. A frog fell in a water well that is 32 meters deep. It tried to leave the well by climbing 2 meters at daytime, but slipping 1 meter at night. In how many days will it be able to come out?

A  29
B  30
C  31
D  32