THE HUB SCHOOL
SAMPLE TEST PAPERS
CLASS 7
1. Scissors is an example of
   A. Lever
   B. Inclined plane
   C. Wedge
   D. All of the above

2. Light is _______________ at the surface of water.
   A. Reflected
   B. Refracted
   C. Neither reflected nor refracted
   D. Reflected as well as refracted

3. Light cannot pass through a/an ___________ body.
   A. Transparent
   B. Translucent
   C. Opaque
   D. Oily paper

4. What is the unit for work?
   A. Joule
   B. Joule per second
   C. Newton
   D. Watt

5. _______________ converts electrical energy to sound energy.
   A. Fan
   B. Bulb
   C. Generator
   D. Bell
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Sample Questions
Math – Grade 7

Q.1) Write the following sets in tabular form

   i.  Set of all the numbers greater than -5 and less than 3.

   ii. Set of first five prime numbers.

Q.2) Work out $9 - 2 \times 4 + 6 ÷ 3$

Q.3) Write 68% as a fraction in its lowest terms.

Q.4) Solve the equation.

   $$3x - 7 = 11$$

Q.5) Place brackets in the following calculation to make it a correct statement.

   $$10 - 5 \times 9 + 3 = 60$$
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Sample Questions
English – Grade 7

Fill in the blanks with suitable prepositions

1. Nice ______ meet you.
2. Don’t be late ______ school.
3. You are the new student ________ Portugal.
4. Are you a teacher ________ this school?
5. She is ________ vacation. She is ________ Italy now.

Fill the gaps with the correct tenses (active or passive voice)

1. In the year 122 AD, the Roman Emperor Hadrian (visit) his provinces in Britain.
2. On his visit, the Roman soldiers (tell) him that Pictish tribes from Britain's north (has/had, attack) ______ them.
3. So Hadrian (give) ______ the order to build a protective wall across one of the narrowest parts of the country.
4. After 6 years of hard work, the Wall (be, finish) ______ in 128.
5. It ______ (be) 117 kilometers long and about 4 meters high.

Paragraph Writing

1. Describe a place where you feel safe and protected.

2. Describe a toy you love. Think of all its good points.
There are some shapes and their matching codes on the left of the page. Choose one of the five codes that matches with the question shape. Mark the correct answer on the answer sheet.

**EXAMPLE:**

**QUESTION SHAPE**

```plaintext
a  b  c  d  e

A  B  C  D  E

F  G  H  I  J
```

**ANSWER:** c

**Q1**

```plaintext
A  B  C  D  E

F  G  H  I  J
```

**Q2**

```plaintext
A  B  C  D  E

F  G  H  I  J
```

**Q3**

```plaintext
A  B  C  D  E

F  G  H  I  J
```

**Q4**

```plaintext
A  B  C  D  E

F  G  H  I  J
```
1. The hydrogen atom does not contain the following?
   A: an electron  C: a proton
   B: a neutron     D: none of the above

2. What type of reaction releases energy and does not require initial energy to occur?
   A: endothermic  C: decomposition
   B: exothermic    D: both A and B

3. What type of change occurs at the molecular level?
   A: chemical change  C: temperature change
   B: physical change  D: all of the above

4. What is the S.I Unit for temperature?
   A. Centigrade      B. Kelvin
   C. Fahrenheit      D. none of the above

5. Which one of the following records the distance traveled by a vehicle?
   A. Manometer       B. Odometer
   C. Speedometer     D. Motor meter
1. Find three consecutive positive integers whose sum is 48.

2. A rectangular garden has its length twice as its width, if its area is 288 m$^2$, find its length and width.

3. Find the area of a circular field whose diameter is 12m.

4. A cylindrical tank has a diameter 12m and its height is 14 m. Find the volume of the tank.

5. Find the value of unknown angle $x^\circ$
Fill in the blanks with suitable prepositions

1. What is this called ________ English?
2. Look ________ the flowers.
3. Adam’s birthday is ________ July.
4. Don’t run ________ the classroom.
5. Compare your answers ________ your partner.

**Fill the gaps with the correct tenses (active or passive voice)**

1. The Wall (be, guard) ________ by 15,000 Roman soldiers.
2. Every 8 kilometers there (be) ________ a large fort in which up to 1,000 soldiers (find) ________ shelter.
3. The soldiers (watch) ________ over the frontier to the north and ________ (check) the people who ________ (want) to enter or leave Roman Britain.
4. In order to pass through the Wall, people had to go to one of the small forts that (serve) ________ as gateways.
5. Those forts ________ (be, call) mile castles because the distance from one fort to another was one Roman mile (about 1,500 meters).

**Paragraph Writing**

1. Describe a storm. This could be a thunder storm, a snow storm, a hurricane, a tornado, a hail storm, a rain storm, or any type of storm.

2. Describe a place where people congregate (like a zoo, a mosque, a circus, etc.)
The large square on the left of the page contains smaller squares that form a pattern. Choose one of the five shapes that will replace the question mark to complete the pattern. Mark the correct answer on the answer sheet.

**EXAMPLE:**

```
Q1
```

```
Q2
```

```
Q3
```

```
Q4
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The HUB School
Sample Questions

NVR – Grade 8