MODEL ENTRANCE TEST PAPER

PAKISTANI SECTION

SUBJECT: CHEMISTR

GRADE: 8

TOTAL MARKS: 25

Q.1) Choose the best answer [4 X 0.5 =2 M]

1) Which of the following is a chemical change?

a) Melting of wax   b) Baking a cake

c) Freezing water   d) Condensation

2) The symbol for lead is

a) La   b) Pd

c) Pb   d) Ld

3) The chemical short hand of aluminum is $^{27}_{13}Al$. What is the mass number of aluminum?

a) 13   b) 27

c) 40   d) 14

4) The elements line up in order of atomic …………….. in the periodic table.

a) Number   b) Mass

c) Shells   d) Blocks

Q.2) Match the two columns   [6 x0.5 =3 M]

	A	B
1)	Nitric acid	high melting points
2)	Halogens	low melting points
3)	Transition metals	H_2SO_4
4)	Noble gases	HNO_3
5)	Alkali metals	F_2, Cl_2, Br_2
6)	Sulfuric acid	Ne, Ar, Kr

Q.3) Fill in the blanks with most suitable words   [4 x0.5 =2 M]

1) The three types of particles found inside atoms are

   a) ………………………..

   b) ……………………….

   c) ……………………….

2) We use a giant ………………… to get the iron from its ore.

3) An atom is a neutral particle whereas an ion is a ………………….
Particle.

4) The chemical name of limestone is …………………

Q.4) Write short answers: [3x 1=3 M]

1) What is formed when fuel burns in plentiful of oxygen?

2) How is crude oil separated into its useful fractions?

3) Write any two uses of sodium hydroxide solution?