



# SHAHEED BENAZIR BHUTTO DEWAN UNIVERSITY KARACHI

## Admission Test Sample Paper For DPT Program

### Section "A" ENGLISH

#### Vocabulary in Context

1: Choose the correct synonym for the word "Big":

- a) Small
- b) Large
- c) Tiny
- d) Short

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#### Past Perfect Tense

2: Complete the sentence:

By the time we arrived, they \_\_\_ dinner.

- a) eat
- b) ate
- c) had eaten
- d) eating

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#### Sentence Completion

3: "If it rains tomorrow, we \_\_\_\_\_ at home."

- a) stay
- b) will stay
- c) stayed
- d) staying.

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#### Antonyms

4: Choose the opposite of "Fast":

- a) Quick
- b) Rapid
- c) Slow
- d) Speedy

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#### Prepositions

Choose the correct preposition:

4: He is sitting \_\_\_ the chair.

- a) in
- b) on
- c) at
- d) over



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## Section "B" CHEMISTRY

### Types of Bonds

1: What type of bond is formed when electrons are shared between atoms?

- a) Ionic bond
  - b) Covalent bond
  - c) Metallic bond
  - d) Hydrogen bond
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### Electronegativity

2: Which element is the most electronegative?

- a) Oxygen
  - b) Fluorine
  - c) Nitrogen
  - d) Chlorine
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### Acids and Bases

3: Which of the following is a common acid found in lemons?

- a) Hydrochloric acid
  - b) Citric acid
  - c) Sulfuric acid
  - d) Acetic acid
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### Periodic Table

4: What is the atomic number of carbon?

- a) 6
  - b) 12
  - c) 8
  - d) 4
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### Mixtures and Compounds

5: Which of the following is a compound?

- a) Air
- b) Salt water
- c) Carbon dioxide
- d) Sand



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## **Section "C"** **BIOLOGY**

### **Organs**

- 1: Which organ is responsible for filtering blood and producing urine?
- a) Liver
  - b) Heart
  - c) Kidney
  - d) Lungs
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### **Circulatory System**

- 2: Which blood vessels carry blood away from the heart?
- a) Veins
  - b) Arteries
  - c) Capillaries
  - d) Nerves
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### **Nutrition**

- 3: Which vitamin is produced in the skin when exposed to sunlight?
- a) Vitamin A
  - b) Vitamin B
  - c) Vitamin C
  - d) Vitamin D
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### **Plants**

- 4: Which part of the plant absorbs water from the soil?
- a) Leaf
  - b) Stem
  - c) Root
  - d) Flower
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### **Diseases**

- 5: Which microorganism causes malaria?
- a) Virus
  - b) Bacteria
  - c) Fungus
  - d) Protozoa



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## **Section "D"** **PHYSICS**

### **Forms of Energy**

1: Which of the following is a form of energy?

- a) Heat
  - b) Mass
  - c) Volume
  - d) Pressure.
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### **Kinetic Energy**

2: Which object has more kinetic energy?

- a) A stationary car
  - b) A moving bicycle
  - c) A parked bus
  - d) A sleeping dog
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### **Gravity**

3: Which of the following objects will fall faster in a vacuum?

- a) A feather
  - b) A stone
  - c) Both fall at the same rate
  - d) Depends on weight
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### **Light**

4: Which of the following is a source of light?

- a) Moon
  - b) Mirror
  - c) Sun
  - d) Water
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### **Electricity**

5: What is used to measure electric current?

- a) Voltmeter
- b) Ammeter
- c) Thermometer
- d) Barometer