R I P H A H I N T E R N A T I O N A L U N V I E R S I T Y

Faculty of Computing

Sample Admission Test

Section I (Series / Sequence)

Instructions: Section 1 contains questions about finding the missing element marked as "?" in the given series / sequence.

Example

1. 1, 2, 3, 5, 8, 13, ?
   (A) 18 (B) 21 (C) 19 (D) 23 (E) 22

2. A, Z, B,Y, D, X, G, W,?
   (A) F (B) M (C) K (D) J (E) L

Section II (Quantitative / Arithmetic)

Instructions: Section II contains arithmetic and quantitative questions.

Example

1. On Monday a store owner received books. On Tuesday, she sold half of them; on Wednesday she s old two more books then she had exactly 8 left. How many books she received?
   (A) 30 (B) 20 (C) 40 (D) 10 (E) 50

2. A jar only contains red and blue marbles. The ratio of the number of red marbles to the blue marbles is 5:3. What percentage of the marbles are blue?
   (A) 37.5% (B) 50% (C) 60% (D) 62.5% (E) 80%

Section III (Logic)

Instructions: Please follow the given instructions in the question and find out the result after completion of the instructions.

Box[I] means contents of box number I, for example Box[3] means contents of number 3. Similarly Box[a] = Box[b] + Box[c] means add the contents of boxes having number b and c and put the result in the box numbered a.

Expressions like X = X + 1 means add 1 to the previous value of X and put the result back in X. For example for X=5 the expression X= X+1 will the result in the value of X equal to 6.

Example:

Box No.	1	2	3	4	5	6
Contents	-3	9	-7	6	-5	8

Step 1: Let K=5

Step 2: Box[K] = Box[1] + Box[3]
(as K is 5 so this means add the contents of box 1 to the content of box three and place the result in the box 5's content)

Step 3: K = K – 3
(Replace the value of K with K -3 that is K = 5-3 = 2)

Step 4: Box[K] = Box[K] + Box[2]
(add the contents of box 2 to the content of box K and place the result in box K – please note that the value of K is 2 from step 3. Therefore result would be Box[2] = Box[2] + Box[2] = 9 + 9 = 18)

Step 5: Box[K] = ?
(the value of K is 2 this means that it is actually Box[2] = ? or what are the contents of Box 2. We stored 18 in Box 2 in the step 4. Therefore Box[K]=Box[2]=18)

(A) 10 (B) 12 (C) 14 (D) 18 (E) none

The correct answer is 18 so fill the square under D in your answer sheet.

Section IV (Grammar and Structure)

Example

PART-A **Instructions:** In this part choose the answer that best completes the sentence from A, B, C, or D. Fill the box on your answer sheet to the corresponding question number.

1. I am annoyed _____ him for what he has done to me.
   (A) with (B) by (C) from (D) at (E) to

2. I must attend _____ my ailing father.
   (A) after (B) for (C) to (D) on (E) in

PART-B **Instructions:** In this part choose the letter of the underlined word or group of words that is not correct and fill in the corresponding box on your answer sheet.

1. The sight contains information about aviation's safety record.
   A B C D

2. During coasting and brake, the electric motor functions as a generator.
   A B C D

Section V (Vocabulary)

Instructions: Please choose the word or phrase which best completes each sentence.

Example

1. The hypocrite _____ feelings which he does not possess but which he feels he should display.
   (A) conceals (B) decries (C) betrays (D) simulates (E) condones

2. In sharp contrast to the previous night's revelry, the wedding was a _____ affair.
   (A) fervent (B) jubilant (C) chaotic (D) ingenious (E) dignified

Section VI (Reading comprehension)

Instructions: In this part you are given a passage to read. Please answer the questions (about the passage) given after the passage. You have four suggested answer and you must choose the one which you think fits best. On your answer sheet fill the box A, B, C, D, or E in the box against the number of each item for the answer.

Example

1. The passage states that Islamists
   (A) Were voted into power
   (B) Have never been voted into power
   (C) Never took part in politics
   (D) Are in power
   (E) None of the above