SAMPLE TEST PAPER

Part I: Quantitative Analysis

Total Question: 35
Time Allowed: 30 mins

- ✓ Words Problems
- ✓ Series Problems
- ✓ Algebric Problems
- ✓ Arithmetic Problems
- ✓ Geometric Problems

Part II: English

Total Question: 35
Time Allowed: 30 mins

- ✓ Vocabulary
- ✓ Grammar
- ✓ Comprehension
- ✓ Correction of Sentences

Part III: General Knowledge

Total Question: 20
Time Allowed: 10 mins

Part IV: IQ

Total Question: 10
Time Allowed: 05 mins

Total Marks: 100

Total Time: 1 hour and 15 min

Part I: Quantitative Analysis

1. A sum of money doubles in 20 years on simple interest, it will triple at the same rate in.

   a. 40 years
   b. 60 years
   c. 50 years
   d. 80 years

2. A student has to secure 40% marks to pass. He gets 40 and fails by 40 marks, Find the maximum marks.

   a. 150
   b. 225
   c. 200
   d. d 300

3. $7/3 + 35 / 18 + 54 / 20$ x, then x =

   a. 8/9
   b. 81/4
   c. 4/9
   d. None of above

4. If the average cost of producing one widget decreases from $l2.50 to 10.75, what is the percent of the decrease?

   a. 10
   b. 12.5
   c. 14
   d. 15

5. A shopkeeper sold a pen for Rs.13.20 to make a profit of 10 percent. In order to earn a profit of 15 percent, he should have sold it for.

   a. Rs.13.53
   b. Rs.13.73
   c. Rs.13.80
   d. Rs.13.86

Part II: English

1. Upon hatching, _____

   a. Young ducks know how to swim
   b. Swimming is know by young ducks
   c. The knowledge of swimming is in young ducks
   d. How to swim is know in young ducks.

2. _____ 1000 species of finch have been identified.

   a. As many as
   b. As many
   c. As much as
   d. Much as

This type has four underlined words or phrases. You will have to choose the one underlined word or phrase that must be changed for the sentence to be correct.

3. If biennials were planted this year, they <u>will be</u> <u>likely</u> <u>to bloom</u> <u>next year</u>.
                                              A   B   C   D

4. The value of <u>the dollar</u> <u>declines</u> <u>as</u> the rate of inflation <u>rise</u>.
                   A   B   C   D

Comprehension

Fiberscopes are one of the most important outcomes of the science of fiber optics. Fibers made of glass and transparent acrylic plastic are capable of conveying light energy, and when thousands of these fibers are combined in what is called a fiberscope, they can transmit images. The most common fiberscopes contain about 750,000 fibers, each 0.001 centimeter. For certain uses, the diameter of the fiber may be as small as 5 microns. Fiberseopes have a wide range of applications. In the medical field, physicians use fiberscopes to examine internal organs and as an aid in delicate surgeries. Miniature probes have also been developed to view muscle fiber, skin tissue, and blood cells. Fiberscopes have also found varied uses in industry, particularly to inspect or control operations in **inaccessible** areas. Bundles of fiberscopes fused together in a solid plate, called faceplate are being used in the manufacture of television picture tubes and other cathode ray tube devices.

5. How do optical fibers carry voice messages?

   A. By fusing bundles of fiberscopes into a faceplate.
   B. By converting electrical signals to light pulses
   C. By sending coordinated electrical pulses through optical fibers
   D. By using cathode ray tube devices.

6. Approximately how many fibers does a fiberscope contain?

   A. 750.000
   B. 1.000.000
   C. 500.000
   D. 25.000

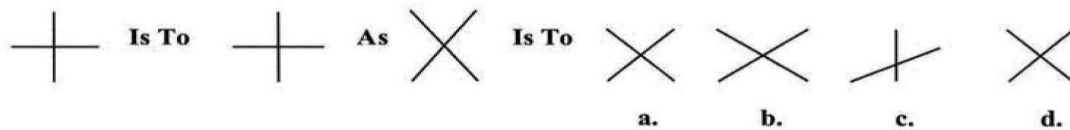## Part III: General Knowledge

1. _____ is the person who develops models for system as per user requirements.

   a. Operators
   b. Database manager
   c. System analyst
   d. Programmer

2. Which monarch ruled Great Britain the longest?

   a. Queen Victoria
   b. Henry VIII
   c. Queen Elizabeth
   d. Charles II

Part IV: IQ

1. Select the shape from the graph on the right that will complete the statement on the left.

2. Select the shape which is least like the other shapes.