Sample Questions

Paper I : Mental and Numerical Ability (Objective)

Q1. Locate the missing term of the series 1, 5, 11, 19, 29, ?, 55

1. 39 (B) 41 (C) 43 (D) 45

Q2. GOLD is written as ALHY, IRON may be written as

(A) GUKI (B) GUSI (C) GOKI (D) GKUI

Q3. A sum of money on simple interest becomes double in 12½ years. It becomes 5 times in

(A) 62½ (B) 50 years (C) 31¼ years (D) 60 years

Q4. A is taller than B but shorter than C. D is taller than A but shorter than C and E is taller than B but shoter than A. The tallest person is

(A) B or E (B) A (C) D (D) C

Q5. A person is to go up a tree 60 ft. high. In every second he clips 5 ft. but slips 5 ft. After how many seconds he will be able to touch the top of the tree

(A) 60 (B) 59 (C) 58 (D) 56

Paper II : General Knowledge (Objective)

Q1. Iodine is used in treatment of ?

(A) Night blindness (B) Goitre (C) Beri Beri (D) Rickets

Q2. Super Computer was invested by :

(A) J.H. Van Tassel (B) J.C. Perier (C) W.L. Judson (D) A.J. Garnerin

Q3. 'A tale of two cities' is written by :

(A) Charles Dickens (B) Sir John Hunt (C) Dr. K.C. Khanna (D) None of the above

Q4. What percentage of the surface of the Earth is covered by water?

(A) 63% (B) 71 % (C) 75% (D) 80%

Q5. The country that has the greatest length of the day during summer is : \

(A) Nigeria (B) Norway (C) Mexico (D) Australia

Paper III : General English (Objective)

Q1. 'To be at daggers drawn', the correct meaning of this is :

(A) Close (B) Annoyance (C) Bitter enmity (D) Tolerance friendship

Q2. ................................... of any kind of demoralising

(A) Addiction (B) Habit (C) Custom (D) Tradition

Q3. I don't like ............................... you told my father last night (Choose correct pronoun)

(A) that (B) what (C) if (D) when

Q4. Quinine is an effective antidote .................................... Malaria (fill correct proposition)

(A) to (B) against (C) for (D) from

Q5. Choose the correct spellings out of the four choices

(A) Embarrassment (B) Embarrasment (C) Emberesment (D) Embarasment

Paper IV : Mathematics (Objective) – Optional

Q1. If A is a square matrix with three rows, then ½2A½ equals

(A) 2½A½ (B) 4½A½ (C) 8½A½ (D) 6½A½

Q2. The number of natural numbers smaller than 104, in the decimanl notation, of which all the digits are different, is

(A) 5274 (B) 5265 (C) 5247 (D) 4536

Q3. The number of spheres of radius r touching the coordinate axes is

(A) 4 (B) 8 (C) 6 (D) 12

Q4. Radius of the director circle of the ellipse x2/16 + y2/4 = 1 is 5 (D) 12√(A) 6 (B) 20 (C) 2 Q5. The mean of the first three terms of the series is 16 and that of the next two trems is 20. The mean of all the five terms is

(A) 17.6 (B) 17.3 (C) 16.5 (D)

None of these Paper IV : Computer Science (Objective) - Optional

Q1. Minimum error code is :

(A) Octal (B) BCD (C) Grey code (D) None

Q2. In an array declaration int a [2] [3], total number of elements that can be stored is

(A) 5 (B) 2 (C) 6 (D) None

Q3. Under Multiprogramming, turnaround time for short jobs is usually

(A) Lenghtened (B) Shortened (C) Unchanged (D) None of these

Q4. Group of specially wrapped copper wires that are able to transmit data at high rate is called (A) Microwave system (B) Optical fibre (C) Radio wave (D) Coaxial cables Q5. Flat file is one which is in

(A) 1 - NF (B) 2 - NF (C) 3 - NF (D) None