

Placement Paper - Syntel

Part 1: (Verbal/English)

Antonyms:

1. equanimity
2. sequester
3. apathetic
4. dislodge
5. sedate

Analogies:

1. celebrate:marriage::
a. window:bedroom b. lument:barevemant
c. pot:pan d. face:penalty

2. neglegent:requirement::
remises:duty cognet:argument
easy:hard careful:position

3. Germ:disease::
man:women doctor:medicine
war:destrustion shopkeeper:goods

4. bouquet:flower::
skin:body chain:link
product:factory page:book

5. letter:word::
club:people page:book
product:factory picture:paper

Part II

1. One monkey climbs a poll at the rate of 6mts/min and fell down 3mts in the alternately. Length of the poll is 60 mts , how much time it will take to reach the top? a. 31 b.33 c.37 d.40 (ans: 37)

2. X men work for X days to produce X products, then Y men can produce Y products in - - - - days. (ans: y^3/x^2)

3. $\sqrt{12 + \sqrt{12}} + ((\sqrt{12}) + \dots \dots \dots \text{infinity}) = ?$ (ans: 4)

4. consider a square ABCD, in which E is the mid-point of BC & F is that of CD. Now find the ratio of area of triangle AEF to the area of square ABCD. (ans: 3/8)

Part III (Reasoning)

1. There are 4 buses - A,B,C,D. There are 220 students in a school. A can carry 60 students. B can carry 50 students. C can carry 40 students. D can carry 35 students Cost of travelling in the 4 buses were given, A - 160 , B- 140, C- 125 , D- 95 (not exact values)

a) Find the bus combinations, so that all the students can be carried in the minimum cost (One can use any no. of buses of a particular type)

b) Find the min. no. of buses required to carry all students etc.

2. P speaks Italian & French Q speaks Spanish & English R speaks Italian & German S speaks Spanish & French T speaks English & German etc. Find a) Mediator between P & Q b) Most popular language etc

3. All P's are Q's some R's are not C's Some C's are P's & so on (5 Q's based on these facts)

4. One Logical Venn diagram problem

5. One simple flow chart