

Enrolment Number: _____

P P SAVANI UNIVERSITY
P P SAVANI SCHOOL OF ENGINEERING
3rd Semester of B Tech Examination (1st Internal Exam)
Subject: Critical Thinking, Creativity and Decision Making (SEPD2010)
Branches: CE/IT/CV/ME/TE/CH

[Date: 17/08/2018, Friday]

[Time: 11 A.M. to 12 Noon]

[Total Marks: 30]

Instructions:

- Figures to the right indicate full marks.
- Use of scientific calculator is allowed.
- Draw neat and clean drawings & Assume suitable data if necessary.

Q.1 Answer the following questions.

(05)

1. I am an odd number; take away an alphabet and I become even. What number am I?
2. If in a car race, the man who came two places in front of the last man finished one ahead of the man who came fifth, how many contestants participated?
3. Two batsmen each on 94 runs. Seven runs needed to win in last 3 balls. Both make 100* runs each. How?
4. Arrange four nines (9) and a one (1) and only one mathematical symbol to make it equal to 100.
5. A newspaper is supposed to have 60 pages. Pages 14 and 21 are missing from the newspaper. Can you tell me, which other pages won't be there as well?

Q.2.A What is Critical Thinking? What qualities will make you a Critical Thinker?

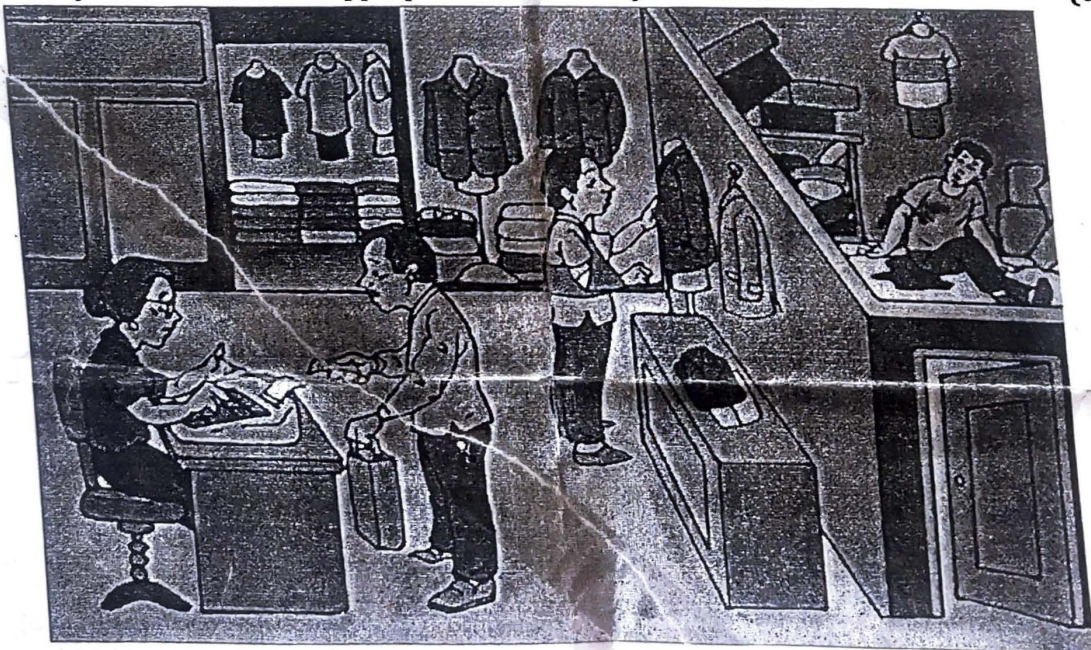
(05)

Q.2.B Examine Bloom's Taxonomy with apt explanation of each stage and examples.

(05)

Q.3.A Identify the Killer. Provide appropriate reasons for your decision.

(04)



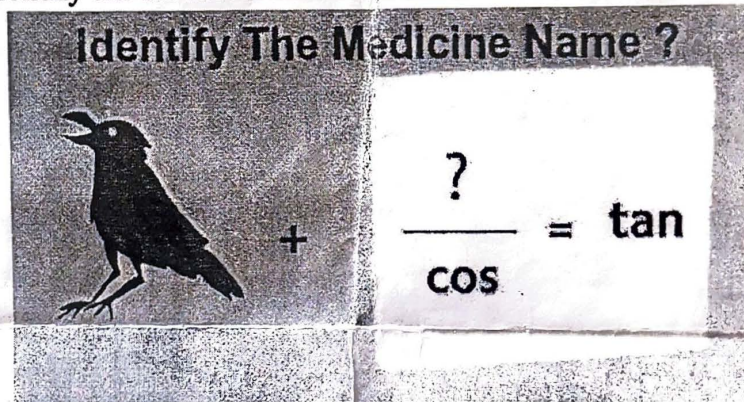
Q.3.B Which Number will replace the question mark?
Note: There are two answers. (02 marks for each answer)

(04)

$$\begin{array}{r} 1 + 4 = 5 \\ 2 + 5 = 12 \\ 3 + 6 = 21 \\ 8 + 11 = ? \end{array}$$

Q.3.C Can you identify the medicine name hidden in the rebus below?

(02)



Q.4.A When Mohit was 18 months old, his mother was killed in a car accident. His father raised him with the help of his own mother, who lived with them for short periods of time while Mohit was small.

(05)

Rakesh, the dad, found himself not wanting to impose limits on Mohit, not wanting to cause him added pain or unhappiness. When Mohit appeared to lose interest in school and developed an abiding interest in the guitar, Rakesh let it ride. He was happy that Mohit had found something important to him and glad the teenager devoted time to music classes and practice. Unfortunately, homework and assignments, hockey and soccer were no longer interesting. Rock and roll and his garage band buddies was all that compelled Mohit.

When he was 16 and doing 10th standard again, he came to his dad and said he wanted to drop out of school, a place he rarely went anyway. He promised to keep up his music lessons and to look for part time work. He was really a pretty good musician who practiced and wrote his own songs. What would you do with the rock and roll kid? Provide apt reasons for the decision.

- Let him quit school and take up music full time?
- Put your foot down and insist he finish school?
- Something else?

OR

Q.4.A "The best way to understand the culture of any nation is to understand its youth" Do you agree with the statement? Provide appropriate reasons to support your opinion.

(05)