

INDIAN INSTITUTE OF SOFTWARE TECHNOLOGY

Question Cum Answer Paper

SET-B

TEST - 01

Time 1Hr

Marks 50

Name : _____ Class : _____

ABACUS (LEVEL-2)

I. Simple Additions & Subtraction:

[15 x 1 = 15]

- | | | | | |
|---|---|---|---|---|
| 1) $\begin{array}{r} 27 \\ - 17 \\ + 50 \\ \hline \end{array}$ | 2) $\begin{array}{r} 15 \\ - 10 \\ + 14 \\ \hline \end{array}$ | 3) $\begin{array}{r} 72 \\ - 12 \\ + 32 \\ \hline \end{array}$ | 4) $\begin{array}{r} 84 \\ - 23 \\ + 16 \\ \hline \end{array}$ | 5) $\begin{array}{r} 44 \\ - 14 \\ + 13 \\ \hline \end{array}$ |
| 6) $\begin{array}{r} 92 \\ - 91 \\ + 50 \\ \hline \end{array}$ | 7) $\begin{array}{r} 82 \\ - 22 \\ + 27 \\ \hline \end{array}$ | 8) $\begin{array}{r} 21 \\ - 20 \\ + 12 \\ \hline \end{array}$ | 9) $\begin{array}{r} 43 \\ - 42 \\ + 85 \\ \hline \end{array}$ | 10) $\begin{array}{r} 61 \\ - 50 \\ + 60 \\ \hline \end{array}$ |
| 11) $\begin{array}{r} 22 \\ - 21 \\ + 32 \\ \hline \end{array}$ | 12) $\begin{array}{r} 84 \\ - 74 \\ + 29 \\ \hline \end{array}$ | 13) $\begin{array}{r} 99 \\ - 68 \\ + 68 \\ \hline \end{array}$ | 14) $\begin{array}{r} 26 \\ - 15 \\ + 13 \\ \hline \end{array}$ | 15) $\begin{array}{r} 62 \\ - 10 \\ + 17 \\ \hline \end{array}$ |

II. Additions & Subtraction using 5's Complement:

[15 x 1 = 15]

- | | | | | |
|---|---|---|---|---|
| 16) $\begin{array}{r} 94 \\ - 23 \\ + 14 \\ \hline \end{array}$ | 17) $\begin{array}{r} 54 \\ - 21 \\ + 10 \\ \hline \end{array}$ | 18) $\begin{array}{r} 27 \\ - 10 \\ + 40 \\ \hline \end{array}$ | 19) $\begin{array}{r} 56 \\ - 10 \\ + 13 \\ \hline \end{array}$ | 20) $\begin{array}{r} 51 \\ - 41 \\ + 30 \\ \hline \end{array}$ |
|---|---|---|---|---|

21)

$$\begin{array}{r} 77 \\ - 42 \\ + 34 \\ \hline \end{array}$$

22)

$$\begin{array}{r} 46 \\ - 16 \\ + 32 \\ \hline \end{array}$$

23)

$$\begin{array}{r} 77 \\ - 30 \\ + 11 \\ \hline \end{array}$$

24)

$$\begin{array}{r} 95 \\ - 53 \\ + 47 \\ \hline \end{array}$$

25)

$$\begin{array}{r} 15 \\ - 14 \\ + 13 \\ \hline \end{array}$$

26)

$$\begin{array}{r} 85 \\ - 53 \\ + 16 \\ \hline \end{array}$$

27)

$$\begin{array}{r} 55 \\ - 35 \\ + 22 \\ \hline \end{array}$$

28)

$$\begin{array}{r} 46 \\ - 14 \\ + 13 \\ \hline \end{array}$$

29)

$$\begin{array}{r} 76 \\ - 14 \\ + 14 \\ \hline \end{array}$$

30)

$$\begin{array}{r} 96 \\ - 51 \\ + 44 \\ \hline \end{array}$$

III. Additions using 10's Complement:**[10 x 1 = 10]**

31)

$$\begin{array}{r} 6 \\ + 2 \\ + 9 \\ \hline \end{array}$$

32)

$$\begin{array}{r} 9 \\ + 1 \\ + 8 \\ \hline \end{array}$$

33)

$$\begin{array}{r} 8 \\ + 4 \\ + 9 \\ \hline \end{array}$$

34)

$$\begin{array}{r} 8 \\ + 5 \\ + 2 \\ \hline \end{array}$$

35)

$$\begin{array}{r} 8 \\ + 8 \\ + 3 \\ \hline \end{array}$$

36)

$$\begin{array}{r} 7 \\ + 5 \\ + 2 \\ \hline \end{array}$$

37)

$$\begin{array}{r} 4 \\ + 4 \\ + 9 \\ \hline \end{array}$$

38)

$$\begin{array}{r} 6 \\ + 4 \\ + 6 \\ \hline \end{array}$$

39)

$$\begin{array}{r} 8 \\ + 4 \\ + 4 \\ \hline \end{array}$$

40)

$$\begin{array}{r} 9 \\ + 7 \\ + 4 \\ \hline \end{array}$$

IV. Additions using 10's Complement:**[10 x 1 = 10]**

41) $\boxed{99} + \boxed{16} = \boxed{}$

42) $\boxed{68} + \boxed{94} = \boxed{}$

43) $\boxed{81} + \boxed{89} = \boxed{}$

44) $\boxed{99} + \boxed{94} = \boxed{}$

45) $\boxed{79} + \boxed{59} = \boxed{}$

46) $\boxed{48} + \boxed{92} = \boxed{}$

47) $\boxed{44} + \boxed{77} = \boxed{}$

48) $\boxed{79} + \boxed{38} = \boxed{}$

49) $\boxed{88} + \boxed{77} = \boxed{}$

50) $\boxed{78} + \boxed{97} = \boxed{}$