Multiple Choice Questions

Q.1. What number is being represented by points A and B respectively on the number line:

A	3 and -2	**B**	-3 and 2	**C**	3 and 2	**D**	-2 and -3

Q.2. A point Q is on a mountain 250 m above sea level and point P, is 450 m below sea level. Find the distance between point P and point Q.

A	500m	**B**	200m	**C**	900m	**D**	700m

Q.3. Find the integer which is 7 more than (-10).

A	17	**B**	3	**C**	(-3)	**D**	(-17)

Q.4. Write the sum of the smallest 2-digit negative integer and the 2-digit greatest positive number.

A	0	**B**	1	**C**	-1	**D**	100

Q.5. Represent 'decreasing a weight of 10kg' as integers with appropriate signs.

A	10	**B**	-10	**C**	-100	**D**	1000

Q.6. Which of the following sums is a positive integer?

A	$-27 + (-28)$	**B**	$-52 + 34$	**C**	$64 + (-63)$	**D**	$\mathbf{16} + (\mathbf{-16})$

Q.7. Which number will we reach if we move 5 numbers left to 1?

A	0	**B**	6	**C**	4	**D**	-4

Q.8. Compare the following pair of integers (-3) ◯ (-8)

A	>	**B**	<	**C**	=	**D**	≥

Q.9. How many integers are there between −9 and −2?

A	−6	**B**	7	**C**	6	**D**	−11

Q.10	Nicky went 45m toward the north and then 200 m toward the south. What is her position from the starting point as zero?							
	A	-155m	**B**	240m	**C**	100m	**D**	-245m

	Source-Based Questions: On a certain day, the temperatures recorded in a few cities are given in the table	SN.	Place	Temperature
		1.	TELANGANA	35°C
		2.	PUNE	17°C
		3.	HAMIRPUR	−2°C
		4.	SIACHEN	−25°C

Q.11	In which city was the temperature the maximum?							
	A	Telangana	**B**	Pune	**C**	Hamirpur	**D**	Siachen

Q.12	In which city was the temperature the least?							
	A	Pune	**B**	Telangana	**C**	Hamirpur	**D**	Siachen

Q.13	Find the sum of the temperatures of Siachen and Pune.							
	A	−10°C	**B**	−8°C	**C**	−2°C	**D**	−5°C

Q.14	What is the difference in temperatures in Telangana and Siachen?							
	A	50°C	**B**	45°C	**C**	100°C	**D**	60°C

Q.15	At night the temperature dropped by 3°C at Hamirpur. Then what will be the temperature of Hamirpur at night?							
	A	−10°C	**B**	−8°C	**C**	−5°C	**D**	−1°C

CASE STUDY: - Four friends Roshan, Narun, Mohit and Shaun went trekking to enjoy their summer vacations. Shaun reached the peak and found he was 1500m above the sea level. All the other friends were far distance from each other.

Q.16	Write down the integer value of shanu's the height where he is.
Q.17	As they climbed more higher the temperature dropped 15 degrees below zero. Express it in integers.
Q.18	Shaun slips from his position and falls 650m below to current position. Find the current position of Shaun.
Q.19	The sum of temperatures at Narun and Mohit's place is -45°C, If the temperature at Narun's place is −15°C, what is the temperature at Mohit's place?
Q.20	The temperature near the mountain area at 12:00 noon was +15°C. It increased by 3°C in the first hour and decreased by 2°C in the second hour. What was the temperature at 2.00 p.m.?

ANSWERS

1.	A	2.	D	3.	C	4.	A
5.	B	6.	C	7.	D	8.	A
9.	C	10.	A	11.	A	12.	D
13.	B	14.	D	15.	C	16.	1500m
17.	−15℃	18.	850m	19.	−30℃	20.	16℃