

St. Andrews Scots Sr. Sec. School

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Session: 2025-26 - Worksheet

Class: VI

Subject: Mathematics

Topic: Number Play

Worksheet - 07

Multiple Choice Questions.

Q1: How many times does the digit '7' appear when writing all the numbers from 1 to 100?

- (a) 10
- (b) 15
- (c) 20
- (d) 25

Q2: The largest 4-digit number, using any one digit twice, from digits 5, 9, 2 and 6 is

- (a) 9652
- (b) 9562
- (c) 9659
- (d) 9965

Q3: The total number of 4-digit numbers is

- (a) 8999
- (b) 9000
- (c) 8000
- (d) 9999

Q4: Which of the following is the correct sum of digits for the number 176?

- (a) 12
- (b) 14
- (c) 16
- (d) 17

Q5: Which of the following numbers is a supercell in the grid [45, 78, 92, 31, 60]?

- (a) 45
- (b) 78
- (c) 92
- (d) 60

Q6: What is the sum of the smallest two-digit number and the largest one-digit number?

- (a) 19
- (b) 20
- (c) 21
- (d) 10

Q7: If you subtract the smallest prime number from 15, What is the result?

- (a) 12
- (b) 13
- (c) 14
- (d) 10

Q8: Which of the following is a Kaprekar constant?

- (a) 4176
- (b) 7614
- (c) 6174
- (d) 1476

Q9: Which of the following clock timing forms a palindrome?

- (a) 10:01
- (b) 11:21
- (c) 12:51
- (d) 10:22

Q10: Assertion (A) The number 12345 is palindrome.

Reason (R) A number is called palindrome if it reads the same forwards and backwards.

- (a) Both A and R are true and R is the correct explanation of A.
- (b) Both A and R are true but R is not the correct explanation of A.
- (c) A is true but R is false.
- (d) A is false but R is true.