CW 14/10/26 Class - 06 English

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Holiday Homework

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Writing section

1. ~~Writing~~ write one notice
2. one letter to friend
3. one application

Chapters covered:

1. Knowing Our Numbers
2. Lines and Angles
3. Number Play
4. Data Handling and Presentation
5. Prime Time

Chapter 1: Knowing Our Numbers

Questions 1–20

Multiple-choice questions (1 mark each)

1. What is the smallest six-digit number?

- (a) 10,000
- (b) 1,00,000
- (c) 99,999
- (d) 9,99,999

2. What is the place value of 7 in 5,72,416?

- (a) 7,000
- (b) 70,000
- (c) 700
- (d) 7,00,000

3. Which is the greatest number?

- (a) 45,678
- (b) 54,876
- (c) 54,786
- (d) 45,876

4. The predecessor of 1,00,000 is _____.

5. Write 8,05,309 in words using the Indian place-value system.

Short-answer questions

6. Write the numeral for: Seven lakh forty-two thousand six hundred fifteen.

7. Arrange in ascending order: 45,678; 54,876; 46,587; 54,687.

8. Write the expanded form of 6,34,205.

9. Round off 78,649 to the nearest thousand.

10. Find the difference between 8,00,000 and 3,76,485.

Application-based questions

11. A library has 25,675 books. It buys 8,945 more books. How many books does it have now?

12. A factory produced 2,45,680 toys in January and 1,78,950 toys in February. Find the total production.

13. A city has a population of 5,68,750. Another city has a population of 4,89,625. Find the difference between their populations.

14. Write the smallest and greatest five-digit numbers using 2, 4, 6, 8 and 9 exactly once.

15. Estimate $4,876 + 3,245$ by rounding each number to the nearest hundred.

16. Estimate $8,950 - 4,120$ by rounding each number to the nearest thousand.

17. Write the number name of 9,07,056.

18. Insert the correct sign ($>, <, =$):

$$6,78,901 \square 6,87,091$$

19. A school collected ₹1,25,750 for a charity programme and spent ₹78,650. How much money remained?

20. Make the greatest possible six-digit number using 3, 0, 8, 1, 5 and 7 exactly once.

Chapter 2: Lines and Angles

Questions 21–40

Multiple-choice questions

21. An angle measuring $90°$ is called:

- (a) Acute angle
- (b) Right angle
- (c) Obtuse angle
- (d) Straight angle

22. An angle measuring $45°$ is:

- (a) Acute
- (b) Obtuse
- (c) Straight
- (d) Reflex

23. A straight angle measures _____.

24. Two lines that meet at a right angle are called _____ lines.

25. A line segment has _____ endpoints.

Short-answer questions

26. Define a point, a line segment and a ray.

27. Draw and label an acute angle of $40°$.

28. Draw a straight angle and write its measure.

29. What is the difference between a line and a line segment?

30. Classify the following angles:
$25°,\ 90°,\ 125°,\ 180°$

Solve the following

31. Find the complement of $35°$.

32. Find the supplement of $115°$.

33. One angle of a right angle is $28°$. Find the other angle.

34. Two angles form a straight angle. If one angle is $72°$, find the other.

35. An angle is $25°$ more than $40°$. Find its measure and classify it.

Practical and reasoning questions

36. Draw two intersecting lines and mark their point of intersection as O.

37. Draw a pair of perpendicular lines using a ruler and set square.

38. An angle is twice its complement. Find the angle.

39. An angle is three times its supplement. Find the angle.

40. Name four objects in your classroom that show right angles.

Chapter 3: Number Play

Questions 41–60

Multiple-choice questions

41. Which of the following is an even number?

- (a) 135
- (b) 247
- (c) 368
- (d) 591

42. Which number is divisible by 5?

- (a) 123
- (b) 245
- (c) 362
- (d) 417

43. The next number in the pattern $2, 4, 6, 8, ..$ is _____.

44. A number divisible by both 2 and 3 is always divisible by _____.

45. The smallest prime number is _____.

Short-answer questions

46. Write the first five multiples of 7.

47. Write all the factors of 24.

48. Check whether 456 is divisible by 3.

49. Find the missing number:

$$5, 10, 15, \square, 25, 30$$

50. Write the first five odd natural numbers.

Number patterns and puzzles

51. Find the next two numbers:

$$1, 4, 9, 16, 25, \ldots$$

52. Find the missing number:

$$3, 6, 12, 24, \square$$

53. Complete the pattern:

$$100, 90, 80, \square, \square$$

54. Find the next number:

$$1, 2, 4, 7, 11, \ldots$$

55. Write three numbers that are divisible by both 3 and 5.

Reasoning questions

56. Is 1 a prime number? Give a reason.

57. Write all the factors common to 18 and 30.

58. Find the smallest three-digit number divisible by 10.

59. A number has 1, 2, 4 and 8 as its factors. Identify the number if it is less than 10.

60. Find the sum of the first ten natural numbers.

Chapter 4: Data Handling and Presentation

Questions 61–80

Multiple-choice questions

61. Which of the following is used to represent data using rectangular bars?

- (a) Bar graph
- (b) Number line
- (c) Angle
- (d) Ray

62. The number that occurs most frequently in a data set is called the _____.

63. Tally marks are used for _____ data.

64. Which graph is suitable for comparing the numbers of students in different classes?

65. The difference between the greatest and smallest observations is called the _____.

Study the following data

The number of books read by five students in one month is given below.

Student	Books read
A	4
B	7
C	5
D	8
E	6

66. Who read the greatest number of books?

67. Who read the fewest number of books?

68. Find the total number of books read by all five students.

69. Find the difference between the highest and lowest numbers of books read.

70. Draw a bar graph representing the given data.

More practice questions

71. The marks of a student in five subjects are 65, 72, 80, 58 and 75. Find the highest and lowest marks.

72. The number of students present in four classes is 35, 40, 32 and 38. Find the total number of students present.

73. Make tally marks to represent the numbers 7, 12 and 16 separately.

74. The daily sales of a shop for three days were ₹500, ₹750 and ₹650. Find the total sales.

75. Find the range of the data: 12, 18, 9, 25, 16, 20.

76. The number of plants in four gardens is 12, 18, 15 and 10. Represent the data using a bar graph.

77. A survey shows that 12 students like cricket, 8 like football and 10 like badminton. How many students participated in the survey?

78. In the data $2, 3, 3, 4, 5, 3, 6$, which number occurs most frequently?

79. The weekly rainfall in millimetres was 10, 15, 8, 20 and 12. Find the total rainfall.

80. Why is a bar graph useful for presenting data? Write two points.

Chapter 5: Prime Time

Questions 81–100

Multiple-choice questions

81. Which of the following is a prime number?

- (a) 9
- (b) 15
- (c) 17
- (d) 21

82. Which of the following is a composite number?

- (a) 2
- (b) 3
- (c) 5
- (d) 12

83. The only even prime number is _____.

84. A number having exactly two distinct positive factors is called a _____ number.

85. The HCF of 8 and 12 is _____.

Short-answer questions

86. Write all the prime numbers between 1 and 20.

87. Find the prime factorisation of 24.

88. Find the HCF of 18 and 24.

89. Find the LCM of 6 and 8.

90. Write all the factors of 36.

Solve the following

91. Find the prime factorisation of 60.

92. Find the HCF of 20 and 30 using their factors.

93. Find the LCM of 12 and 15.

94. Check whether 91 is a prime number or a composite number. Give a reason.

95. Express 84 as a product of prime factors.

Word problems and reasoning

96. Two bells ring at intervals of 6 minutes and 8 minutes. If they ring together now, after how many minutes will they ring together again?

97. There are 24 apples and 36 oranges. Find the greatest number of identical groups that can be made without leaving any fruit.

98. Find the smallest number divisible by both 9 and 12.

99. Explain the difference between prime and composite numbers, with two examples of each.

100. Find the HCF and LCM of 16 and 24. Verify that

$$\text{HCF} \times \text{LCM} = \text{First number} \times \text{S}$$