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|  **GRADE: IV** **Date: 03/10/2023** | **TERM 1 (2023-24)** **Mathematics** | **Marks: 40****Time: 2 Hours** |

**ANSWER KEY**

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| **Q. No.** | **Questions** | **Mark** |
| **SECTION A** |
| **1** | (Question number 1-4) Identify the given nets

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| Solid shapes and their nets - cube | 1. Cube
 |

 | **1** |
| **2** |

|  |  |
| --- | --- |
| Cuboid - Definition, Shape, Formulas, Properties, Cuboid Net, Examples | 1. Cuboid
 |

 | **1** |
| **3** |

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| --- | --- |
| How to Make a Square Pyramid - a Printable 3d Net | 1. Pyramid
 |

 | **1** |
| **4** |

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| Geometric Nets | Definition, Examples, Drawing, How to use? | C. Cylinder |

 | **1** |
|  | (Question 5-10) Match the following: |  |
| **5** |

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| Combining and Taking Apart 3D Shapes (Definition, Types and Examples) -  BYJUS | F. Cylinder |

 | **1** |
| **6** |

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| --- | --- |
| Combining and Taking Apart 3D Shapes (Definition, Types and Examples) -  BYJUS | C. Cube |

 | **1** |
| **7** |

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| Combining and Taking Apart 3D Shapes (Definition, Types and Examples) -  BYJUS | 1. Pyramid
 |

 | **1** |
| **8** |

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| Combining and Taking Apart 3D Shapes (Definition, Types and Examples) -  BYJUS | B. Cone |

 | **1** |
| **9** |

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| Combining and Taking Apart 3D Shapes (Definition, Types and Examples) -  BYJUS | A. Cuboid |

 | **1** |
| **10** |

|  |  |
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| Combining and Taking Apart 3D Shapes (Definition, Types and Examples) -  BYJUS | D. Sphere |

 | **1** |
| **11** | Which among the following is the 3D shape having least number of faces?1. Cube b) Cuboid **c) Cone** d) Cylinder
 | **1** |
| **12** | How many vertices are there in a cube?1. 4 b) 6 **c) 8** d) 10
 | **1** |
| **13** | How many faces are there in a cuboid?1. 4 **b) 6** c) 8 d) 10
 | **1** |
| **14** | Which is the smallest 4 digit number?1. **1000** b) 9999 c) 1001 d) 9000
 | **1** |
| **15** | Which is the largest 4 digit number?1. 1000 **b) 9999** c) 1001 d) 9000
 | **1** |
| **16** | Find the predecessor of 76551. 7653 **b) 7654** c) 7652 d) 7656
 | **1** |
| **17** | Find the successor of 76541. 7653 **b) 7655** c) 7652 d) 7656
 | **1** |
| **18** | Select the greatest number1. **10000** b) 9000 c) 1000 d)9999
 | **1** |
| **19** | Nearest hundred of 345 is1. **300** b) 400 c) 100 d) 200
 | **1** |
| **20** | Nearest ten of 346 is1. 300 b) 400 c) **350** d) 340
 | **1** |
| **SECTION B** |
| **21** | Write the expanded form of 1. 3489 = **3000+400+80+9**
2. 5070 = **5000+70**
 | **2** |
| **22** | Find 1. 4501 + 543 **= 5044**
2. 5005 + 540 **= 5545**
 | **2** |
| **23** | Find1. 5432 x 8 **= 43456**
2. 5711 x 6 **= 34266**
 | **3** |
| **24** | Make the largest and smallest 4 digit numbers using the following digits:4, 3, 0, 5 **Largest : 5430 Smallest : 3045** | **3** |
| **25** | Draw a circle with radius 4 cm, and mark its diameter.  | **5** |
| **26** | **Identify the 4-digit number based on these clues:**1. It is between three thousand and four thousand
2. The digit is the one place is less than 2
3. The digit in the hundreds place is double the digit in the ones place
4. The digit in the tens place is the sum of the other 3 digits

**Answer: 3261** | **5** |