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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   |  |  | | --- | --- | | Solid shapes and their nets - cube | 1. Cube | | **1** |
| **2** | |  |  | | --- | --- | | Cuboid - Definition, Shape, Formulas, Properties, Cuboid Net, Examples | 1. Cuboid | | **1** |
| **3** | |  |  | | --- | --- | | How to Make a Square Pyramid - a Printable 3d Net | 1. Pyramid | | **1** |
| **4** | |  |  | | --- | --- | | Geometric Nets | Definition, Examples, Drawing, How to use? | C. Cylinder | | **1** |
|  | (Question 5-10) Match the following: |  |
| **5** | |  |  | | --- | --- | | Combining and Taking Apart 3D Shapes (Definition, Types and Examples) -  BYJUS | F. Cylinder | | **1** |
| **6** | |  |  | | --- | --- | | Combining and Taking Apart 3D Shapes (Definition, Types and Examples) -  BYJUS | C. Cube | | **1** |
| **7** | |  |  | | --- | --- | | Combining and Taking Apart 3D Shapes (Definition, Types and Examples) -  BYJUS | 1. Pyramid | | **1** |
| **8** | |  |  | | --- | --- | | Combining and Taking Apart 3D Shapes (Definition, Types and Examples) -  BYJUS | B. Cone | | **1** |
| **9** | |  |  | | --- | --- | | Combining and Taking Apart 3D Shapes (Definition, Types and Examples) -  BYJUS | A. Cuboid | | **1** |
| **10** | |  |  | | --- | --- | | 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 7655   1. 7653 **b) 7654** c) 7652 d) 7656 | **1** |
| **17** | Find the successor of 7654   1. 7653 **b) 7655** c) 7652 d) 7656 | **1** |
| **18** | Select the greatest number   1. **10000** b) 9000 c) 1000 d)9999 | **1** |
| **19** | Nearest hundred of 345 is   1. **300** b) 400 c) 100 d) 200 | **1** |
| **20** | Nearest ten of 346 is   1. 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** | Find   1. 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** |