Chumey Higher Secondary School
Bumthang Dzongkhag
Annual Examination, 2022

Class: IV

Subject: Mathematics

Full Mark: 60

Duration: $1\frac{1}{2}$ **hrs**

Index code

Points to Remember

1. First write your **index code** in the space given above.
2. Read the questions carefully, you must answer all the questions.
3. Do not write in the **first 15 minutes**. This time to be spent for reading the questions.
4. Write your answers to each question in the given space. The mark of each question is given in the brackets.
5. You have **one and half hours** to finish the test. Make good use of the given time

For Teacher's use only

MCQ	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Total	Signature
Option																20	
Mark Scored																	

Questions	2 i	2 ii	3 i	3 ii	4 i	4 ii	4 iii	5 i	5 ii	6 i	6 ii	7 I	7 ii	Total	Signature
Marks	3	2	2	3	2	2	2	2	2	3	2	2	3	30	
Mark Scored															

Section A - ANSWER ALL QUESTIONS

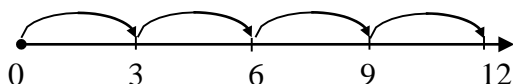**Question 1**   **[15X2=30 Marks]**

Direction: For e*ach question, there are **FOUR** responses: **A, B, C and D**. Choose the corresponding alphabet of your response and **CIRCLE** it neatly. **NO** score will be awarded if you circle more than one.*

1. The number represented by the following base ten block is …………………..

   A. 4321
   B. 2133
   C. 4221
   D. 3223

2. Pema has Nu. 56,260 and Karma has Nu. 49,680. Who has more money and by how much?
   A. Karma has Nu. 6580 more than Pema.
   B. Both has equal money.
   C. Pema has Nu. 60,000 more than Karma.
   D. Pema has Nu. 6580 more than Karma.

3. What multiplication sentence does the given number line shows?

   A. $4 \times 3 = 12$
   B. $12 \times 3 = 4$
   C. $12 \times 4 = 3$
   D. $4 + 3 = 12$

4. Dorji was asked to find the equivalent fraction to $\frac{2}{5}$ from the following fractions. If you were Dorji's friend, which fraction would you ask him to choose to get correct answer.

   A. $\frac{3}{7}$ **C.** $\frac{6}{8}$

   B. $\frac{4}{10}$ **D.** $\frac{12}{15}$

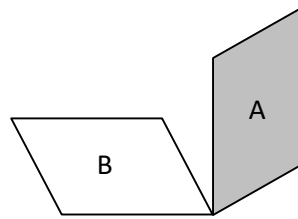**5.** Sonam and his 4 friends have 5 books each. There will be …………. books altogether.

    A. 9 books
    B. 16 books
    C. 20 books
    D. 25 books

6. The rectangle has 6 cm base and 4 cm height. The area of the shape will be ……………….

    A. 24 cm^2
    B. 10 cm^2
    C. 2 cm^2
    D. 20 cm^2

7. Look at the diagram below. The shape A is the ……………………………….. image of shape B

    A. rotated
    B. Slide
    C. Mirror
    D. Shifted.

8. The division sentence represented by the given diagram is

    A. 1600÷4=400
    B. 160÷ 4= 40
    C. 400 ÷ 4 =100
    D. 40 ÷ 4 = 10

9. Which pair are equivalent fraction fractions

A. $\dfrac{3}{4}$ and $\dfrac{6}{7}$

B. $\dfrac{2}{3}$ and $\dfrac{4}{5}$

C. $\dfrac{1}{2}$ and $\dfrac{4}{8}$

D. $\dfrac{5}{6}$ and $\dfrac{6}{7}$

10. The four-sided polygon is known as
   A. triangle.
   B. quadrilaterals.
   C. pentagons.
   D. hexagons.

11. Kinzang is 1.49 m tall today. He was 0.45 m at birth. He has grown …………. m from birth till date.
   A. 1.04 m
   B. 1.94 m
   C. 0.67 m
   D. 10.6 m

12. The volume for the rectangular prism with dimensions 2 cubes as base, 3 cubes width and 1 cube as height will be …………
   A. 9 cubes
   B. 12 cubes
   C. 6 cubes
   D. 2 cubes.

13. The angle whose measurement is less than 90^0 degree is called………
   A. Obtuse Angle
   B. Right Angle
   C. Acute Angle
   D. Straight Angle.

14. Dechen follows the timetable below on Sundays at home

Activities	Starting time	Ending time
Breakfast	7:00 am	7:30 am
Taking Bath	10:30 am	11:30 am
Shoe polishing	11:30 am	11:45 am
Reading	2:00 pm	4:00 pm

The time he spent more was on …………………………….
A. Eating breakfast.
B. Taking bath.
C. Shoe polishing
D. Reading.

15. Dorji says there are 10mm in 1 cm, Karma says 20 mm in 1 cm, Sonam says 5mm in 1 cm and Boktho says 100 mm in 1 cm. Who is correct?
A. Dorji
B. Karma
C. Sonam
D. Boktho.

Section B
Answer all the question (30 Marks)

Question 2 [3]
   i)   Use the number10,526.
     a) Write it in word form.

     b) Model it with base ten blocks.

     c) Write it in expanded form using numbers.

ii)   Rename 67,620 in two different ways.   [2]

Question 3

i)   Sonam received Nu. 12500 from his father and Nu. 10360 from mother. How much money did he receive altogether?   [2]

ii)   The area and the base of the rectangle are 24 cm and 8 cm. Find out its height and Perimeter.   [3]

Question 4.

    i)   Dorji skip counted to 12. By what number might he have skip counted? Write more than one way.   [2]

    ii)   Explain why the one-digit and ten-digit in the product 13 x 200 must be 0.   [2]

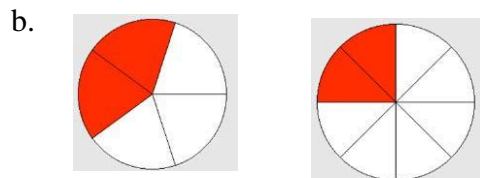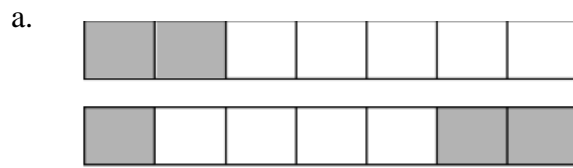   **iii)**   Using rectangle method multiply 6 x 432.   [2]

Question 5.

    i)   Pema divided 120 by 4. Karma divided 180 by 9. Whose quotient is greater? Show your work.   [2]

ii) Every sixth person in the line of 500 people was given a card to hold. How many people will get to hold the card? [2]

Question 6

i) Name the two fractions that are shaded in each pair and then tell which fraction is greater. [3]

a.

b.

ii)   Add   [2]

a) $3.2 + 8.97$ b) $10.32 + 8.79$

Question 7

    i)   Draw the nets for the following shapes   [2]

    a)   Rectangle based Prism   b) Triangular pyramid

    ii)   Draw and describe each triangle   [3]

    a)   Isosceles Triangle   b) Scalene Triangle