

Chumey Higher Secondary School Bumthang Dzongkhag Annual Examination,2022



**Total Marks:60** 

Time:  $1\frac{1}{2}$  Hrs

Subject: Mathematics

Class: V

Index code:

## **READ THE FOLLOWING INSTRUCTIONS CAREFULLY:**

- 1. In this booklet you will find SIX questions. You must answer ALL the questions.
- 2. Answers to all the questions must be written neatly in the spaces provided.
- 3. Do not write during the first fifteen minutes. This time is to be spent on reading the questions.
- 4. You will have **ONE** hour to answer all the questions.
- 5.You will **NOT** be allowed to leave the examination room until the completion of the stipulated time.

(First **FIFTEEN** minutes could be used by the teachers on duty to explain the instructions)

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Questions	Q1		Q2				Q3			Q4				
	i-xv	a.i	a.ii	b.i	b.ii	с	a	b	с.	a	b	c.i	c.ii	c.iii
Mark	30	1.5	1.5	1.5	1.5	2	2	2	1	4	2	1	1	1
Mark scored														
Initial														
Total Score														

For Teacher's Use Only

Questions		Q5		Q6			
	a	b.i	b.ii	a	b		
Mark	1	1	1	2	3		
Mark scored							
Initial							
Total Score							

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## SECTION – A [30 marks] Answer ALL Questions

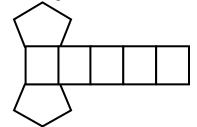
## **Question 1:**

**Direction:** For each 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.

- i. The product of 50 and 70 is:
  - A. 3500
  - B. 1200
  - C. 5300
  - D. 1500
- ii. Identify the triangle



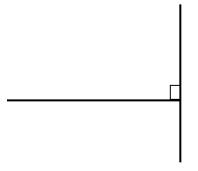
- A. Equilateral triangle
- B. Scalene triangle
- C. Isosceles triangle
- D. Scalene triangle
- iii. The following is a net for:



- A. Hexagon based prism.
- B. Pentagon based pyramid.
- C. Pentagon based prism.
- D. Hexagon based pyramid.

iv. What is the volume of the given structure?

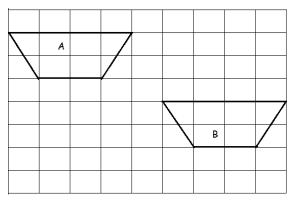
- A. 5 cubes
- B. 7 cubes
- C. 6 cubes
- D. 8 cubes
- v. The product of  $1623 \times 0.1$  is
  - A. 1.623
  - B. 16.23
  - C. 1623
  - D. 162.3
- vi. The sum of 4.396 and 12.422 is
  - A. 16.818
  - B. 9.211
  - C. 14.296
  - D. 8.026
- vii. Which of the following describes a pair of line segments?



- A. Perpendicular at two end points.
- B. Perpendicular at the centre point
- C. Intersecting but not perpendicular.
- D. Perpendicular at an end point.

viii. "One million, two hundred thirteen thousand, forth seven" can be written as

- A. 1,213,047
- B. 1,213,47
- C. 1,200,130,047
- D. 1,213,0047
- ix. Which number is in ten thousands place in 1,420,397?
  - A. 2
  - **B**. 0
  - C. 4
  - D. 9
- x. The mean for the given set data of 1, 3, 5, 8, 13 is
  - A. 5
  - B. 6
  - C. 7
  - D. 8
- xi. If the event always happens, the probability is
  - A. 0
  - B. less than  $\frac{1}{2}$
  - C. 1
  - D. more than  $\frac{1}{2}$
- xii. Which of the translation rules would move shape B to shape A?



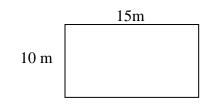
- A. 5 units right, 2 units down
- B. 5 units left, 3 units down
- C. 6 units right, 2 units up
- D. 5 units left, 3 units up

xiii. An angle greater than 90° but less than 180°

- A. acute angle
- B. right angle
- C. obtuse angle
- D. straight angle

### xiv. 515m = \_\_\_\_\_ km.

- A. 0.515 km
- B. 5.15 km
- C. 51.5 km
- D. 515.0 km
- xv. The area of the shape given below is



- A.  $200 \text{ m}^2$ .
- B. 150 m<sup>2</sup>.
- C. 25 m<sup>2</sup>.
- D. 5  $m^2$ .

# SECTION – B [30 marks] ANSWER ALL THE QUESTIONS

## **Question 2:**

**a**. Find the quotient.

i) 6342 ÷ 6

ii) 4640 ÷ 5

(3 marks)

(3 marks)

**b**. Calculate the product using any method.

i) 43 × 22

ii) 2,343 × 3

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c. Karma walks 3.2 km each day. How far does he walk in 7 days?

# **Question 3:**

Pofl a

a.	Ref	lect	the	shape.	

<b>b</b> . Rotate the share	$\frac{1}{4}$	turns	CCW	around	1

3 COW d A. A

(2 marks)

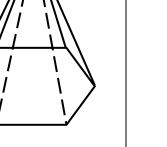


(2 marks)



**c.** Draw a net for the 3-D shape given below.

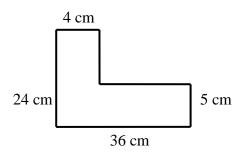
(1 mark)



# **Question 4:**

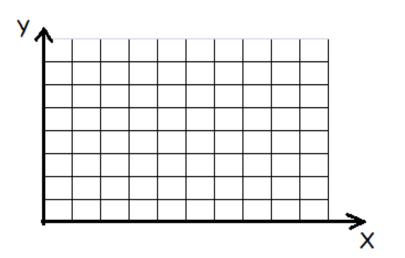
**a**. Calculate the area and perimeter for the given shape.

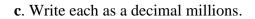
(4 marks)



**b.** Plot the given points on the same grid. Label each point with an ordered pairs. (2 marks)







- i) 300,000 = \_\_\_\_\_
- ii) 70,000 = \_\_\_\_\_
- iii) 2,500,000 = \_\_\_\_\_

## **Question 5:**

**a.** Draw a shape that has a perimeter of 8cm.

(1 mark)

## **b.** Complete it.

(2 marks)

i. 87 cm = ..... m

ii. 131 g = ..... kg

## Question 6:

**a**. A rectangle is 4.123 m long and 2.657 m wide.

(2 marks)

- i. What is the perimeter?
- ii. How much longer is the length than the width?

b. Create a double bar graph using the information given below. Label your graph and tell two things about the graph. (3 marks)

	Class					Number of students									
	-				Boys			Girls							
	PP				12				10			_			
		Ι				6				:	8				
		II				14	ŀ			4	4				
	III					8			12			_			
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Number of students in each class