

**SPECIAL EVALUATION (FIRST TERM) - 2022**

**GRADE 06 – Mathematics**

**02 Hours**

Name: …………………………………..……… Class: …………….. No: …………

**Part - I**

* **Answer all questions on the given space.**

01. Out of the given objects, which one has the circular shape?

i. An egg ii. A jackfruit leaf

iii. The mathematics text book iv. A one rupee coin

02. Denote, 6 732 406 in words.

03. Simplify: 5700 100

04. In the number 2535,

i. What is the place value of 3 ?

ii. What is the value of 3 ?

05. What is the largest even number with 4 digits, that can be written using the digits 3 , 2 , 7 and 5 ?

06. Draw a circle and mark,

i. Point A on the circle.

ii. Point B inside the circle.

07. A student has written 5 603 200 405 as, five million six hundred three lakhs two hundred thousand four hundred five. Correct the mistake and rewrite the number in word.

08. Underline the figures that are in circular shape.

i. ii. iii. iv. v.

09. Simplify : 473 x 1000

10. i. Which point is marked common to both the circles?

C

E

B

A

ii. Which point is marked outside the circles?

11. Name two objects used to draw circles, in the classroom.

i. ii.

12. Write the number represented on the abacus, in numerals.

1

1000

100

10

13. Simplify,

i. 273 x 1000 =

ii. 25 5 =

14. i. Divide the following in long division method 218 9

ii. Write the quotient and the remained in the above simplification.

15. Simplify,

654 x 35

16. Denote the following number in numerals, “Eight billion two thousand three”

17. Represent the following number on an abacus “Twenty five thousand seventy three”

18. Simplify,

4 2 0

1 1 2 3

+ 9 7 9

19. What is the largest number that can be written with million period as its last period?

20. When 512 olives divided into 4 sets, how many olives are there in one set?

***(2x20=40 Marks)***

**Part II**

* **Answer the first question and another 04 questions only.**

01. (A). A group of children throws a one rupee coin at a circle drawn on the ground. 10 marks will be awarded, if the coin falls on the circle and 5 marks will be awarded, if the coin falls inside the circle. No marks will be awarded, if the coin falls outside the circle. Every child has three chance of throwing the coin.

i. How many marks obtained by Nimal, if he threw the coin on the circle at all three chances?

ii. How many marks obtained by Akila, if he threw the coin on the circle at two chances and outside the circle at the other chance?

(B). We find circular shapes in different sizes in the environment.

i. Name two objects, that can be used to draw circles.

ii. Draw a simple circular design.

(C). i. How many circles are three in the figure?

ii. Draw a circle and mark point A on it, point B inside the circle and point C outside the circle.

***(16 Marks)***

02. (A). 3 1 5 4 7 5 7 2 0 5

The above number appears on Anusha’s note book.

i. Write it in standard form

ii. Write it in words

iii. What is the place value represented by 2?

iv. What is the value represented by 2?

(B). Simplify:

i. 4000 - 1572

ii. 143 x 17

iii. 195 13

iv. 40 = 5 x …………….

v. 40 = …………….. x 10

***(11 Marks)***

03. (A). Copy the given abacus onto your answer script and answer the given questions.

1

1000

100

10

10 000

i. Represent 1 1 4 0 3 on the abacus.

ii. What is the place value represented by 5 ?

iii. What is the value represented by 5 ?

(B). There are 1400 students in a certain school.

i. If the average number of students in a class is 32, how many classes are three in this school?

ii. 120 students participated in an Educational trip. 65 students of it are boys and the rest is girls. How many girls participated in the trip?

iii. Sunil needed Rs. 1700 to buy a dictionary. If, Sunil’s elder brother gave Rs. 450, his mother gave Rs. 150 more than his brother and his father gave the balance. How much did Sunil's father give him?

(Write steps and solve the above problems)

***(11 Marks)***

04. (A). A few activities done by Nimal from 3.00 p.m. to 5.20 p.m. is given in the following table.

i. Copy the table onto your answer script and fill.

|  |  |  |  |
| --- | --- | --- | --- |
| **Activity** | **Starting time** | **Ending time** | **Time duration** |
| Playing | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 3.35 p.m. | 35 minutes |
| Bathing | 3.50 p.m. | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 15 minutes |
| Watching TV | 4.05 p.m. | 4.35 p.m. | \_\_\_\_\_\_\_ minutes |
| Doing maths home work | 4.45 p.m. | 5.20 p.m. | \_\_\_\_\_\_\_ minutes |

ii. Write the time, Nimal started doing his maths homework in standard form.

(B). Copy the following onto your answer script and match.

i. 300 minutes 2 hours 10 minutes

ii. 48 hours 1 minute 20 second

iii. 80 seconds 5 hours

iv. 130 minutes 200 minutes

v. 3 hours 20 minutes 2 days

(C). i. The price of a book is Rs. 52 and the price of a pen is Rs. 11. Find the price of 05 books and 02 pens.

ii. Simplify 0 x 1523

iii. 4200 ……….. = 42

iv. Simplify

Minutes Second

6 13

+ 2 32

v. A vehicle left Colombo at 2.05 p.m. and reached Kalutara at 3.40 p.m. Find the time duration of the journey.

***(11 Marks)***

45

40

35

30

25

20

15

10

5

0

Price (Rs.)

05.

i. Copy the above number line onto your answer script. Mark the following prices on it.

A - The price of a pen is Rs. 20

B - The price of a book is Rs. 40

C - The price of a pencil is Rs. 10

ii. Which has the lowest price?

iii. Compare the above prices using the sign “<”

***(11 Marks)***

06. Answer the following questions from the numbers given below.

4 5 6 7

8 9 10 11

12 13 14 15

16 17 18 19

20 21 22 23

24 25

i. Write three numbers located to the South of numbers 5.

ii. Write two numbers located to the East of numbers 13.

iii. Write two numbers located to the North of numbers 16.

iv. Name two horizontal positions, that can be seen in the environment.

v. Name two vertical positions, that can be seen in the environment.

***(11 Marks)***