PROVINCIAL DEPARTMENT OF EDUCATION - NORTH WESTERN PROVINCE

First Term Test 2018

Mathematics

Grade 06 **Time : 2 hours**

Name / Index No.

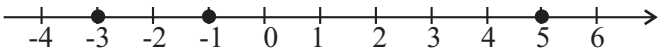
Part I

- **Answer all the questions on this paper itself. 2 marks are given for each question.**

01. Saman's birthday is on 7th March in 2007. Write this date in international standard method.

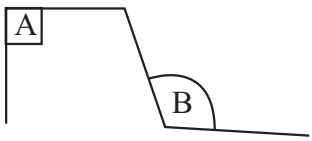
02. There are three cards numbered as [2], [7] and [3].
    i) Write the largest number we can write using above digits.
    ii) Write the value representing by 7 in the number.

03. Write the numbers marked in the number line.



04. Name two instruments we can use to draw a circular shape.

05. Name the following angles.

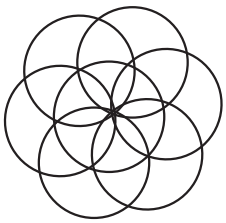


A - ..... B - .....

06. Write the correct answers.

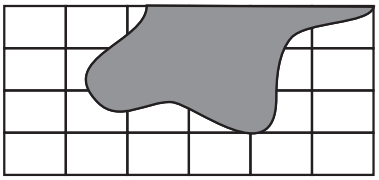
(i) 67 x 10 = ☐ (ii) 3400 100 = ☐

07. How many circles are in the figure.



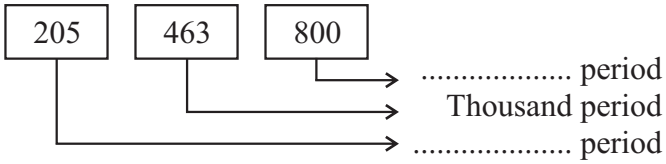
(i) 4 (ii) 5 (iii) 6 (iv) 7

08. The following figure shows how an ink drop has spread on a table cloth. Estimate the total number of cages in the table cloth.



09. When getting ready to go back home after finishing school, the time was 1.45 p.m. Write this time in standard form (24 hour clock).

10. Name each period.



11. There are 37 students in grade 6. If we give 5 biscuits for each student, find the minimum total number of biscuits needed.

12. Fill in the blanks.

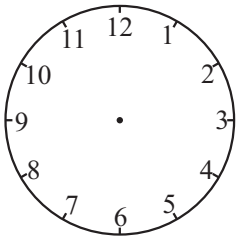
1 hour = ... Minutes = ... seconds

13. If the price of goods is Rs. 375 and if you give Rs. 1000 to the shop keeper, find the remaining amount you can get?

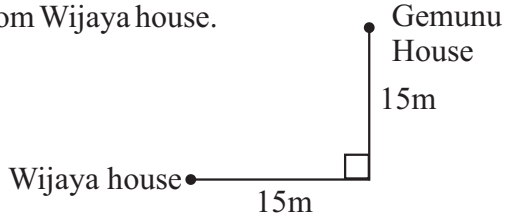
14. Put a tick (✓) if the statement is correct and put a cross (✗) if the statement is wrong. In a number line,

- There are same gaps between two numbers. ( )
- There are two arrows in both left and right side. ( )

15. The starting time of a cartoon programme on television is 16:30. Represent that time in the following clock.



16. What is the direction of Gamunu house when seeing from Wijaya house.



17. Write the suitable answer.

i. The floor of a house is ..... (horizontal / vertical) plane.

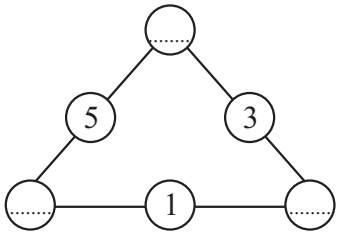
ii. The door of a house is ..... (horizontal / vertical) plane.

18. When rounding off the number of students in grade 6 to the nearest 10, it was 30. If one new student comes to this class and when rounding off that number to the nearest 10 is 40. Find the number of students in the class now.

19. Write the suitable answer.

(i) 275 x 0 = ... (ii) 463 x ..... = 463

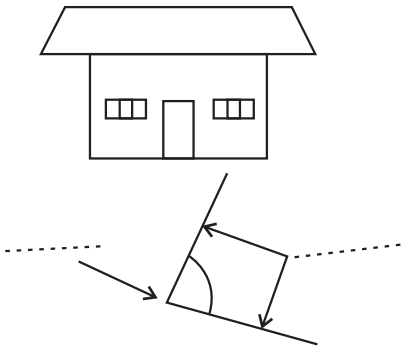
20. Fill in the blanks using digits from 1 to 6 as the sum of each row is 11. (You can use one digit only one time)



Grade 06 **Part - II** **Mathematics**

- **Answer 1st question and 4 other questions.**
- **16 marks are given for 1st question and 11 marks for other questions.**

01. (a) Answer the following questions using the knowledge that you got in the lesson 'Angles.'



(i) What is the angle you can see mostly in the above figure.

(ii) Give two examples that you can see above angle in the Classroom.

(b) Copy this figure into your answer script and fill in the blanks.

(c) Fill in the blanks using the following words.

(Reflex / Obtuse / acute / two times)

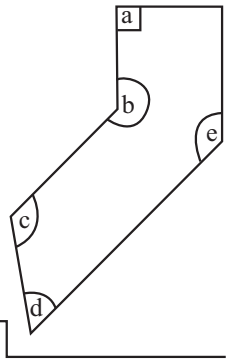
(i) If the size of an angle is less than a right angle, that angle is called ..... angle. The angle greater than ..... of a right angle is called straight angle. The angle less than a straight angle and greater than a right angle is called ..... angle. The angle greater than a straight angle is called ..... angle.

(ii) Name the following angles.

a b

c d

e



(iii) Copy this figure in to your answer script and mark an another obtuse angle as **'f'**

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02. (i) Mark the following numbers in a number line.

A = 3 B = -2 C = 5 D = -4

(ii) Write all the integers between -3 and +2.

(iii) Put ''>'' , ''<'' or ''='' into spaces in a suitable way.

a -3 ..... +1 b 2 ..... -1

c +3 ..... 3 d 0 4

e 5 0

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03. (a) Answer the following questions using the number 564 327.

(i) Write in words. (ii) What is the place of the digit 2.

(iii) What is the place value of the digit 3. (iv) What is the value represented by the digit 4.

(b) "Seven billion six hundred twenty eight million thirty four thousand eight" write this number in digit form.

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04. (a) There are 150 toffees in a packet. The price of 5 such packets is Rs. 1500.

(i) Find the price of one toffee packet?

(ii) Find the price of a toffee.

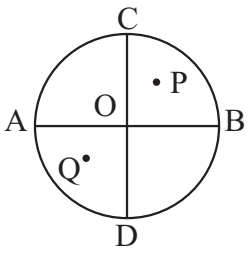
(iii) If two toffees are given for each 825 students.

(a) Find the number of toffee packets needed.

(b) Find the amount of money needed for that.

(b) Simplify, (i) 37 x 28 (ii) 856 12 find the quotient and the remainder.

05. A student folded a circle along AB and CD. He folded it to get two equal parts. The line AB and CD meet at O.



(i) What is the letter on the mid point of the cirlcle.

(ii) What can you say about the distance from "O" to A, B, C, D.

(iii) Name two points in the circle.

(iv) Draw a circular pattern you like.

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06. (a) A bicycle race started at 8.30 a.m. and finished at 1.15 p.m.

(i) Write the started time and finished time in standard form. (24 hour clock)

(ii) Find the time duration conducted the bicycle race in hours and minutes.

(iii) Find the total time duration conducted the bicycle race in minute.

(b) Simplify,

(i)

	Minute	Second
	12	15
+	6	46

(ii)

	Days	Hours
	14	12
+	8	19

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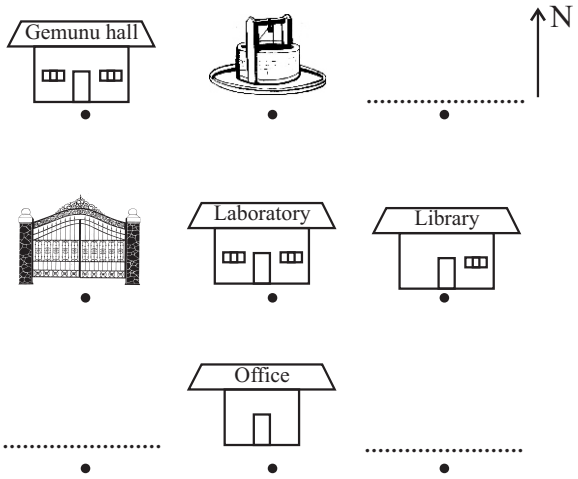
07. The following shows a rough diagram of several places in a certain school.

(i) The laboratory is situated in the South west from the playground and in the north east from the guard room. The principal in the office went to the laboratory and looked at the South east. Then he saw the mango tree. Fill the above blanks using the above information.



(ii) Answer the following questions using the locations (places) in the above diagram.

(a) In which direction is library from school gate?

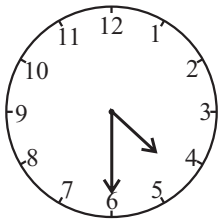
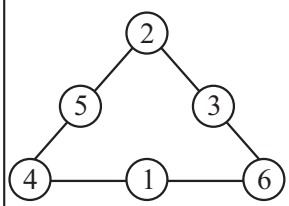
(b) In which direction is school gate from laboratory?

(c) What is situated in North west of laboratory?

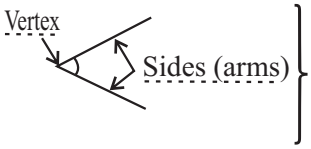
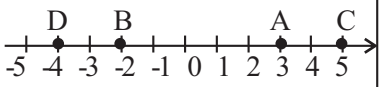
(iii) Sathsara went 6m to the north from the Canteen at school and then went 2m to the West and came to his classroom. Draw a rough diagram to show the path of Sathsara.

Answer Sheet

Part I

01.	2007 - 03 - 07		02
02.	732	01	
	700	01	02
03.	-3, -1, 5 for two	01	
	for all		02
04.	2 rupee coin	01	
	lid of a bottle	01	02
	for two correct answers		
05.	A - Right angle	01	
	B - Obtuse angle	01	02
06.	(i) 670	01	
	(ii) 34	01	02
07.	7		02
08.	6 x 4 = 24		02
09.	13 : 45		02
10.	Unit	01	
	Million	01	02
11.	37 x 5	01	-
	185		02
12.	60	01	-
	3600	01	02
13.	1000 - 375	01	-
	Rs. 625		02
14.	• ✓	01	
	• ×	01	
			02
15.			02
16.	North East		02
17.	Horizontal	01	
	Vertical	01	02
18.	35		02
19.	0	01	
	1	01	02
20.			02
			40

Part II

01.	(a) (i)	Right angle	02	
	(ii)	for two correct answers	02	
	(b)		02	
	(c) (i)	acute angle two times obtuse angle reflex angle	04	
	(ii)	a Right angle b Reflex angle c Obtuse angle d Acute angle e Obtuse angle	05	
	(iii)	Marking obtuse angle as 'f'	01	
				16
02.	(i)		04	
	(ii)	-2 , -1 , 0 , 1	02	
	(iii)	a) -3 < +1 b) 2 > -1 c) +3 = 3 d) 0 > -4 e) 5 > 0	05	
				11
03.	(a) (i)	Five hundred sixty four thousand three hundred twenty four	02	
	(ii)	Tens place	02	
	(iii)	100	02	
	(iv)	4000	02	
	(b)	7 628 034 008	03	
				11

Answer Sheet

04.

(a) (i) Rs. 1500 ÷ 5 — 01
= Rs. 300 — 01

(ii) Rs. 300 × 150
= Rs. 2 — 01

(iii) (a) 1650 ÷ 150 — 01
11 — 01

(b) Rs. 300 x 11 — 01
= Rs. 3300 — 01

(b) (i) 37 x 28 = 1036 — 02

(ii) 856 ÷ 12
Quotient = 71 — 01
Remainder = 4 — 01

11

05.

(i) O — 02

(ii) equal — 02

(iii) P , Q — 02

(iv) for correct figure — 05

11

06.

(a) (i) Started time = 08 : 30 — 01
Finished time = 13 : 15 — 01

(ii)
13 : 15
- 08 : 30
4 : 45 — 02

4 hours 45 minutes — 01

(iii) 4 hours 45 min = 4 hr + 45 min
= 240 min + 45 min
= 285 minutes — 02

(b) (i)

Minutes	Seconds
12	15
+ 6	46
19	01

— 02

(ii)

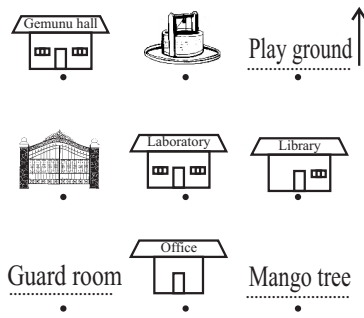
Days	Hours
14	12
+ 8	19
23	07

— 02

11

07.

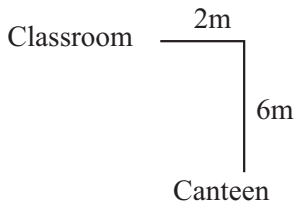
(i)



— 03

(a) East — 02
(b) West — 02
(c) Gemunu hall — 02

(ii)



— 02

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