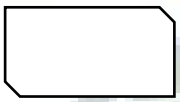
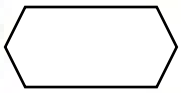
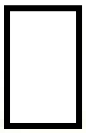
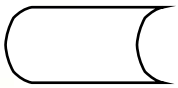
पुथना International School
Shree Swaminarayan Gurukul, Zundal

PERIODIC ASSESSMENT -1 2020-21	
Grade -4	**Subject- MATHS**
Syllabus – CH-1,2,3,4 FROM TEXTBOOK	

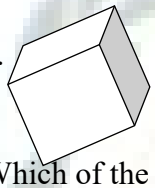
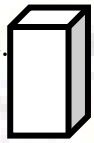
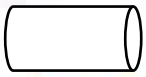
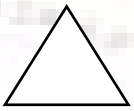
Section – A [each question carries 1 marks]

A. Choose the correct option.

1) See the following faces and choose the correct face of brick

a.  b.  **c.**  d. 

2) Choose the correct drawing of a brick

a.  **b.c.**  d.  

3) Which of the following brick patterns of wall is safe and will not fall?

a.  b.  c. 

4) How many faces in all does a brick have?
a. 12 **b. 6** c. 8 d.10

5) Write the number of edges of a cuboid have?
a. 8 **b. 12** c. 14 d. 6

6) A pencil box has _____ number of faces.
a. 6 b. 12 c. 8 d. none

7) How many corners in all does a triangle have?
a. 3 b. 4 c. 6 d. 2

8) A triangular brick has _____ number of edges.
a. 4b. 3 **c. 9** d. 2

9) How many faces in all cylinder have?
a. 4b. 3 c. 1 **d. 2**

10) A sphere has_____ edges.
a. 1b. 3 **c. 0** d. 2

11) The standard unit for measuring length is
a. centimetre**b. metre**c. kilometre d. none of these

12) The value of 1 metre (m) is equal to
a. 10 cm**b. 100 cm**c.1000 cm d. $\frac{1}{100}$

13) Length of a safety pin is measured in
a. cm b. m c. km d. none of these

14) _____used to measure long distance.
a. cmb. m**c. km** d. ml

15) 100 centimetres = ____metre
a. 1 b. 10 c. 1000 d. none of these

16) _____Metre = 1 kilometre
a. 1000b. 10 c. 1000 d. none of these

17) Distance from Bangalore to Rajasthan is measure in
a. cmb. m**c. km** d. ml
18) Height of Qutub Minar is measure in
a. cm**b. m**c. km d. none of these
19) 4 km = _____m
a. 400**b. 4000**c. 40 d. 100
20) Length of a pen is measure in
a. cmb. mc. km d. none of these
21) Which of the following has the same value as 4342?
a. 3600+842+100b.4200+100+342**c. 4600-300+42** d. none of these
22) If 50 persons can travel in a bus, then 200 persons can travel in
a. 4 busesb. 5 busesc. 6 buses d. 8 buses
23) What must be added to 976 to get 3811?
a. 165**b. 2835**c. 2905 d. 3945
24) When zero is added to a number, then the sum is
a. the number itselfb. zeroc. one d. none of these
25) Megha bought 7 kg of rice for ₹840. The cost of 1 kg of rice is
a. ₹90b. ₹110**c. ₹120** d. ₹140
26) If the cost of 50 L of petrol is ₹3500, then the cost of petrol per litre is
a. ₹50**b. ₹70**c. ₹90 d. ₹80
27) The smallest four-digit number is
a. 1000b. 1001c. 9999 d. 1100
28) The place value of 3 in 1352 is
a. 30**b. 300**c. 3 d. 3000
29) The face value of 4 in 1248 is
a. 4000 b. 40c. 400**d. 4**
30) Greatest 5-digit number is
a. 10000 **b. 99999** c. 90999 d. none of these
31) Each day is made up of
a. 9h**b. 24h**c. 12h d. 22h
32) How many minutes are there in 1h?
a. 15b. 30c. 45**d. 60**
33) The number of minutes in 1 h 6 min is equal to
a. 66b. 64c. 56 d. 76
34) Sima leaves for school at 6:40 am. She reaches school at 7:30 am. How long does Sima take to reach the school?
a. 50 minb. 30 minc. 40 min d. 45 min
35) The day after 90 days from 15th march falls in which month?
a. August**b. April**c. July d. June
36) If the clock shows half past the hour, the minute hand is on
a. 5b. 12c. 9**d. 6**
37) _____to identify whether the hour is being referred is the morning.
a. amb. pmc. cmd. none of these
38) _____to identify whether the hour is being referred is the afternoon.
a. am**b. pm**c. cmd. none of these
39) How many months in a year have 31 days?
a. 5 b. 6 **c. 7** d. 8
40) There are _____ days in three weeks.
a. 10 days b. 14 days c. 20 days **d.21 days**

41) 4400+400+400+400+400?
a. 5x400 b .400÷5 c. 400-5 d.5+400

42) Which number has 4 in the hundreds place?
a.3496 b .7954 c. 4217 d.3346

43) Multiplication of a number of times zero is equal to
a.one b. two **c. zero** d. none of these

B. Fill in the blanks.

1) **Patterns** are shapes, designs, groups of numbers that repeat themselves in a predictable manner.
2) A square, triangle, and circle are all examples of a **2D** shape.
3) three-dimensional, such as length, width, and **height.**
4) Cube has **8** corners.
5) Circle has **1** face.
6) Cuboid has **12** edges.
7) A triangle has **1** number of faces
8) A dice has **12** number of edges.
9) A black board duster has **6** number of faces.
10) Cylinder has **0** sides.
11) 100 centimetre = **1 metre**
12) **1000** metre = 1 kilometre
13) The standard unit of length is **metre**.
14) **Metre** is used to measure average distance.
15) **Kilometre** used to measure long distance.
16) Length of 500 rupees note – **cm**
17) 4 km = **4000**m
18) **10** km = 10000m
19) 3m = **300**cm
20) Which unit of length is 100 times greater than meter? **Kilometre**
21) units of **distance** are millimetres, centimetres, meters, and kilometres.
22) in 2031 the digit **2** has the greatest place value and digit **1** has least place value.
23) the face value of 2 in 1452 is **2**.
24) the smallest 4-digit number is **1000**.
25) 2345 = **2000 + 300 + 40 + 5**
26) In 5489, the digit 4 has the place value is 400 and face value is **4.**
27) Smallest 5-digit number is **10000**
28) Greatest 5-digit number is **99999**
29) Smallest 6-digit number is **100000**
30) Greatest 6-digit number is **999999**
31) If the clock shows quarter past the hour, the minute hand is on **3**
32) If the clock shows 3:15. It means the same as quarter past **3**

C. Write the time using a.m. or p.m.

1) 4:30 in the evening – **pm**
2) 10 minutes past midnight- **am**
3) 1 o'clock in the afternoon – **pm**

4) 2 o'clock in the morning – **am**

D. Which is a better unit to measure these? (cm, m or km)

1) Length of a pin – **cm**
2) Height of a house – **m**
3) Distance the scooter travels – **km**
4) Length of a park - **m**
5) Length of a pen – **cm**
6) Height of your pet – **cm**
7) Length of 500 rupees note – **cm**
8) Distance from Bangalore to Rajasthan – **km**
9) Thickness of your lunch box – **cm**
10) 10. Height of Qutub Minar – **m**

E. Estimate number nearest to ten.

1) 76 = **80**5) 4751 = **4750**
2) 99 = **100**6)285 = **290**
3) 32=**30**7)3469 = **3470**
4) 781 = **780**8)353 = **350**

F. Estimate number nearest to hundred.

1) 999 = **1000**
2) 6223 = **6200**
3) 589 = **600**
4) 434 = **400**
5) 6005 = **6000**
6) 638 = **600**
7) 199 = **200**
8) 758 = **800**

G. Estimate number nearest to thousand.

1) 2167 = **2000**
2) 795 = **1000**
3) 4931 = **5000**
4) 8750 = **9000**

H. Draw the line segment of the following.

1) 4 cm 2) 7 cm 3) 11 cm 4) 9.5 cm 5)10 cm

Section – B [each question carries 2 marks]

I. Convert metre into centimetre.

1) 25 m

1m = 100cm
Therefore, 25 x 100cm = 2500cm

2) 3m **3)** 12m 4) 20 m **5)** 10 m **6)** 4 m **7)** 30m **8)**5m **9)** 7m **10)** 12m

J. Convert kilometre into metre.

1) 4 km

1km =1000m
Therefore, 4 x 1000m = 4000m

2) 12km **3)** 3km **4)** 10km **5)** 7km **6)** 8km **7)** 15km **8)** 14km **9)** 2km **10)** 50km

K. Convert metre into kilometre.

1) **6000 m**
   1000m = 1km
   Therefore, 6000 ÷ 1000 = 6km

2) 2000m **3)** 3000m **4)** 12000m **5)** 8000m **6)** 15000m **7)** 5000m **8)** 6000m **9)** 40000m **10)** 1000m

L. Convert the following lengths into metres.

1) **9 km 236 m**
   = 9 x 1000 m + 236 m
   = 9000 m + 236 m
   = 9236 m
2) 7 km 205m **3)** 12km 60m **4)**19km 215m **5)** 16km 115m

M. Convert the following lengths into metre and centimetre.

1) **526cm** = 500 + 20 + 6 cm
   = 5 x 100 + 20 + 6 cm
   = 5 m + 26 cm
   = 5 m 26 cm
2) 327 cm 3**)** 951 cm 4**)** 702 cm 5**)** 864 cm

N. Largest and smallest numbers using 4 digits.

1) **3, 4, 0, 5 =** Largest: 5430 Smallest: 3045

2) **2, 9, 5, 3** = Largest: 9253 Smallest: 2359

3) **9, 2, 0, 5** = Largest: 9520 Smallest: 2059

4) 8, 1, 4, 3 **5)** 3, 4, 9, 1 **6)** 2, 5, 6, 3 **7)** 4, 2, 1, 0 **8)** 6, 7, 4, 2

Section – C [each question carries 3 marks]

O. Find out the price of a Brick / Bricks with unitary method.

1) If a Brick cost Rs. 1 then the cost of 500 bricks will be **Rs. 500.**

   a 1 brick cost = Rs.1

therefore, 500 bricks cost= Rs. (?)

= 500 x Rs.1 = 500rs

2) If the cost of a brick is Rs. 2 then the cost of 1000 bricks are **Rs. 2000**.
3) If the cost of a brick Rs. 5 then the cost of 2000 bricks are **Rs. 10,000**.

4) If the cost of 2000 bricks are Rs. 8000 then the cost of 1 brick is **Rs. 4.**
5) If the cost of 6000 bricks are Rs. 3000 then the cost of 1 brick is **Rs. 2**.

P. Addition:

1) Add 45km 34m and 34km 5m

	km	m
	45	034
+	34	005
	79	039

2) 21km 1m + 31km 7m
3) 31km 605m + 12km 22m
4) 27m70cm + 23m58cm
5) 45m230cm + 10m34cm
6) 20km890m + 12km340m

Q. Subtraction:

1) **Subtract 15km 30m from 35km 45m**

	km	m
	35	045
-	15	030
	20	015

2) 48km – 24km 200m
3) 85km 542m – 14km 34m
4) 20km100m – 10km58m
5) 343km35m-200km23m

R. Multiplication:

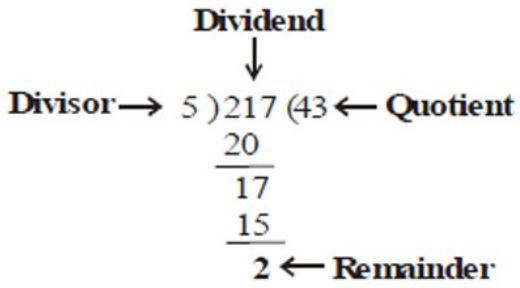
1) **54 km X 67**

$$\begin{array}{r} 54 \\ \times\ 67 \\ \hline 378 \\ +3240 \\ \hline 3618 \end{array}$$

2) 4325 km X 21 3) 3852 km X 35 4) 4325 km X 40 5) 2674 km X 12

S. Division:

1) **275 km ÷ 5**



2) 7878 km ÷ 6 3) 6257 km ÷ 8 4) 3652 km ÷ 4 5) 3405 km ÷ 5

T. Application based questions.

1) If the cost of 500 bricks is ₹ 2000, then find the cost of 1500 bricks.
2) A pillar is made using 2000 bricks. If the height of each brick is 10cm, then find the height of the pillar (in cm)
3) Arya travelled 5km 300m by car and 1km 100m by bike. What distance did he travel in all?
4) Gaurav is 92cm tall. His brother is 60cm taller than him. What is the height of his brother?
5) A parking lot is 50 m long. How many cars of 5 m can be parked in that area?
6) A painter took 8 hrs to paint 2 walls. It took him 3 hrs 25 min to paint first wall. How long does he take to paint the second wall?
7) Ria goes to art class every day for 1hr 35 min. What time does she spend in learning art in 3 days?

Section – D [each question carries 5 marks]

U. Given the table below, fill the blanks in table.

Sr no	No of Bricks	Cost of bricks	No of Bricks	Cost of bricks
1	1000	Rs. 6000	500	Rs. 3000
2	2000	Rs. 18000	1000	Rs. 9000
3	6000	Rs. 30000	**2000**	**Rs. 10000**
4	8000	Rs. 24000	**3000**	RS.9000
5	10000	Rs. 30000	**4000**	**Rs. 12000**

V. Complete the table and answer the questions below.

sl.no	name of the plant	last months height	this month height	cm-grown
1	Rose	28cm	29cm	1cm
2	Mango	13cm	15cm	2 cm
3	Bamboo	22cm	28cm	6 cm
4	Tulsi	8cm	10cm	2 cm

a. The plant which has grown maximum is **bamboo.**

b. The plant which has grown minimum is **Mango, Tulsi.**

c. The plant which has grown by 6 cm is **bamboo.**

d. The plants which has grown by 2 cm is **Mango, Tulsi.**

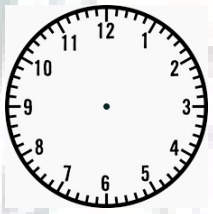
W. Read the following table and answer the following question

SL.NO	NAMES	DISTANCE OF SIXES BEATENIN A CRICKET MATCH
1	SACHIN	90m
2	YUVARAJ	101m 5cm
3	GAMBHIR	52m 25cm

a. What is the difference between the distance hit by Sachin and Yuvaraja?
Ans: 11 m 5 cm.

b. What is the total of distance hit by Sachin and Gambhir?
Ans: _____

X. Show the time



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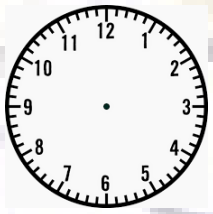
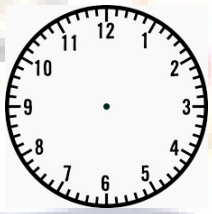
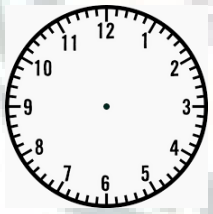


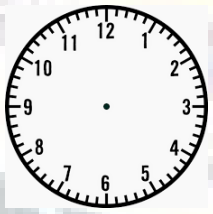
4 :30



9 :00



5 :15



12 :00