

# Level 5

Holidays Homework (from 16<sup>th</sup> March to 5<sup>th</sup> April 2020)

# Science

**Question Answers**

**Unit # 1**

**Topic: Circulatory system**

**Q1. Define circulatory system .List the main components of blood with their appropriate functions.**

Answer from notebook

**Q2. Define blood vessels. List the main types with their appropriate functions.**

Answer from notebook

- **Text book page 10 heart labeling**
- **Text book page 11 Definitions(Ventricles, atria, Pulmonary artery, pulmonary vein, Aorta, Vena cava)**
- **Text book page 12 Other parts of body labeling**
- **Text book page 13 Heart rate**
- **Text book page 20 What you have learnt points**

Holidays Homework (from 16<sup>th</sup> March to 5<sup>th</sup> April 2020)

# Mathematics

- **Learn Tables: 2 to 5,8,9**

**Unit# 1 Topic: Whole Numbers**

**Q#1: Fill in the blanks.**

a) $50 \times 1000 =$ _____	b) $36 \times 200$ _____
c) $490 \times 200 = 490 \times$ _____ $\times 100$ $=$ _____ $\times 100$ $=$ _____	d) $136 \times 6000 = 136 \times$ _____ $\times 1000$ $=$ _____ $\times 1000$ $=$ _____
e) $561 \times 500 =$ _____	f) $322 \times 2000 =$ _____

**Q#2: Estimate the value of each of the following by rounding the four digits number to the nearest thousand, then multiply the number to find the actual product .**

a) $2415 \times 4 \approx$ _____ $\times 4$ $=$ _____ $2415 \times 4 =$ _____	$\begin{array}{r} 2415 \\ \times 4 \\ \hline \end{array}$
b) $4910 \times 5 \approx$ _____ $\times 5$ $=$ _____ $4910 \times 5 =$ _____	$\begin{array}{r} 4910 \\ \times 5 \\ \hline \end{array}$

**Q#3: Estimate the value of each of the following by rounding the number to the nearest ten, then multiply the number to find the actual product .**

a) $59 \times 25 \approx$ _____ $\times$ _____ $=$ _____ $59 \times 25 =$ _____	$\begin{array}{r} 59 \\ \times 25 \\ \hline \end{array}$
b) $75 \times 32 \approx$ _____ $\times$ _____ $=$ _____ $75 \times 32 =$ _____	$\begin{array}{r} 75 \\ \times 32 \\ \hline \end{array}$

**Q#4: Estimate the value of each of the following by rounding the greater number to the nearest hundred and the smaller number to the nearest ten ,then multiply the number to find the actual product .**

<p>a) <math>365 \times 98 \approx</math> _____ <math>\times</math> _____  <math>=</math> _____  <math>365 \times 98 =</math> _____</p>	$\begin{array}{r} 365 \\ \times 98 \\ \hline \end{array}$
<p>b) <math>750 \times 66 \approx</math> _____ <math>\times</math> _____  <math>=</math> _____  <math>750 \times 66 =</math> _____</p>	$\begin{array}{r} 750 \\ \times 66 \\ \hline \end{array}$

**Q5: Fill in the blanks.**

(a):  $260 \div 10 =$  \_\_\_\_\_

(b):  $182 - 90 =$  \_\_\_\_\_

(c):  $912 \times 9 =$  \_\_\_\_\_

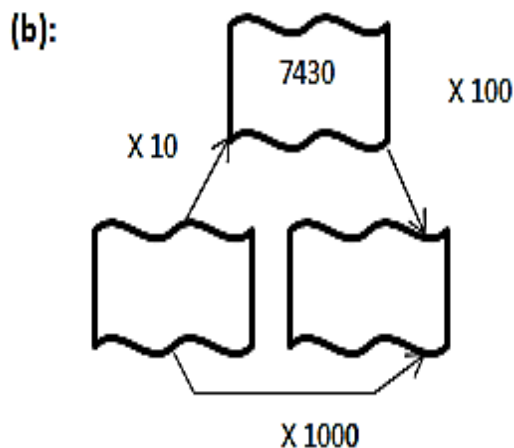
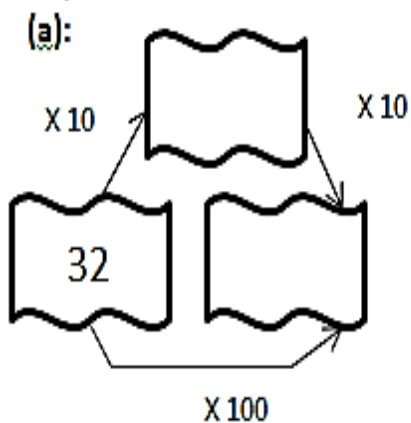
(d):  $998 + 216 =$  \_\_\_\_\_

**Q6: Find the quotient and remainder.**

$5604 \div 4 =$

$2862 \div 9 =$

**Q7. Fill in the missing numbers.**



Unit# 2 Topic : Shapes and Lines

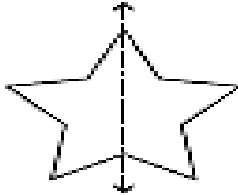
Q1.

**Recognize the line of symmetry**

Sheet 1

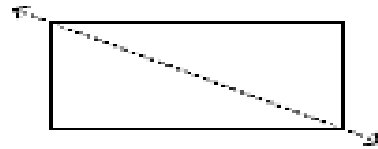
Is the dotted line on each shape a line of symmetry? Write yes or no.

1)



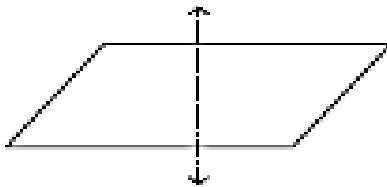
\_\_\_\_\_

2)



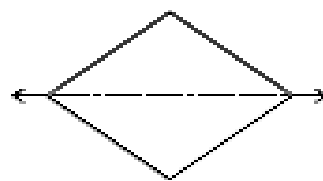
\_\_\_\_\_

3)



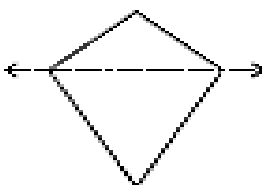
\_\_\_\_\_

4)



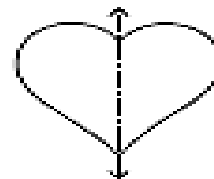
\_\_\_\_\_

5)



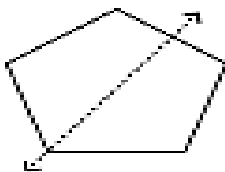
\_\_\_\_\_

6)



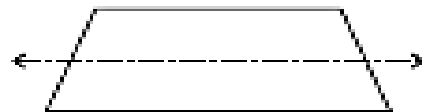
\_\_\_\_\_

7)



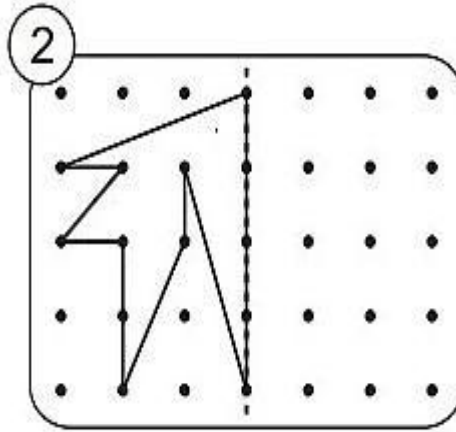
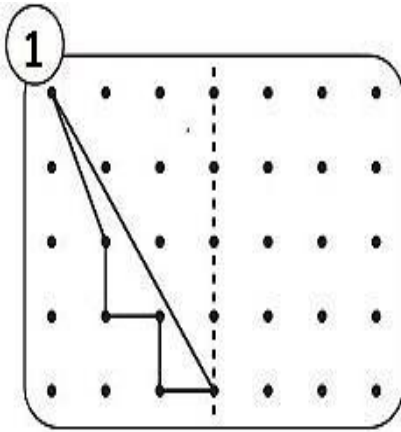
\_\_\_\_\_

8)



\_\_\_\_\_

**Q2. Complete the table so that they each have two line symmetry.**



**Unit#7: Measurement (I)**

**Q1: Find the duration for each of the following times.**

(a): 13 00 to 15 45 \_\_\_\_\_

(b): 04 45 to 18 35 \_\_\_\_\_

(c): 00 35 to 16 20 \_\_\_\_\_

(d): 19 00 to 23 48 \_\_\_\_\_

**Q2: Answer the following questions.**

(a): Start time: 15 45

Duration: 6 h 45 min

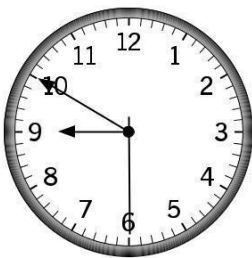
End time: \_\_\_\_\_

(b): Start time: 04 35

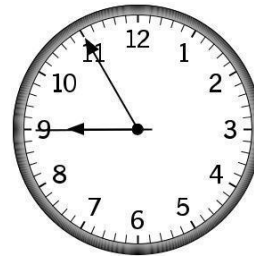
Duration: 6 h 45 min

End time: \_\_\_\_\_

**Q3: Fill in the blanks with the correct duration.**



\_\_\_\_\_ s later



**Power of Numbers**

**Definition:** A number written a little raised next to a number is the power of the number. It is also called the index or the exponent. The index should be written in a smaller size. It shows the number of times is multiplied by itself. e.g  $3^5$ . Here 3 is called base number and 5 is called index. In other words, it means 3 is multiplied 5 times by itself. ( $3 \times 3 \times 3 \times 3 \times 3 = 243$ )



Holidays Homework (from 16<sup>th</sup> March to 5<sup>th</sup> April 2020)

**Q#1. Write the exponential form.**

1.  $6 \times 6 \times 6 \times 6 =$  \_\_\_\_\_      2.  $7 \times 7 \times 7 \times 7 \times 7 \times 7 \times 7 =$  \_\_\_\_\_      3.  $9 \times 9 \times 9 \times 9 =$  \_\_\_\_\_

4.  $5 \times 5 \times 5 \times 5 \times 5 \times 5 \times 5 =$  \_\_\_\_\_      5.  $8 \times 8 \times 8 \times 8 \times 8 \times 8 \times 8 \times 8 \times 8 \times 8 =$  \_\_\_\_\_      6.  $2 \times 2 \times 2 \times 2 \times 2 \times 2 =$

\_\_\_\_\_

**Q#2. Write in expanded form to show how many times each one of these numbers has been multiplied.**

1.  $7^9 =$  \_\_\_\_\_      2.  $6^7 =$  \_\_\_\_\_

3.  $8^4 =$  \_\_\_\_\_      4.  $9^5 =$  \_\_\_\_\_

5.  $12^4 =$  \_\_\_\_\_      6.  $15^3 =$  \_\_\_\_\_

# English

Holidays Homework (from 16<sup>th</sup> March to 5<sup>th</sup> April 2020)

- Dictation Unit #1 , 2 ,3 Learn + Practice
- Forms of verbs 1-40 L+P
- Readers: Topic: Ant in the photographs + Why we sleep for reading for reading

Trimester I					
Unit 1 - What's your name?		Unit 2 - Strange school stories		Unit 3 - Hair-raising stories	
1. lullabies	2. hammering	1. brochure	2. interact	1. roaring	2. tresses
3. crouched	4. clenched	3. advertisement	4. sighed	3. savoury	4. blooming
5. speckled	6. remained	5. essential	6. honked	5. seizing	6. rampion
7. pleaded	8. mythology	7. slobbered	8. fragile	7. chopped	8. fiercely
9. eluded	10. generation	9. participation	10. rigorous	9. twined	10. pierced
11. screaming	12. interpreted	11. fortunately	12. cohesive	11. branches	12. straightened
13. unexpectedly	14. amusing	13. alternatively	14. elevator	13. sufficiently	14. extended
15. lumps	16. westerners	15. involvement	16. ground	15. ornaments	16. traditions
17. pleased	18. Japanese	17. appointment	18. spacious	17. ashamed	18. braiding
19. fluent	20. particular	19. indentation	20. rumpled	19. specific	20. matted
21. glanced	22. specific	21. prestigious	22. snored	21. wicked	22. surrounded
23. comforting	24. absorbed	23. whispered	24. nurtured	23. delicious	24. stretched
25. belligerently		25. curriculum		25. ridiculous	

Trimester I				
Sr.	Base Form	Simple Past	Past Participle	Present Participle
1	awake	awoke	awoken/awaked	awakening
2	arrive	arrived	arrived	arriving
3	aim	aimed	aimed	aiming
4	appear	appeared	appeared	appearing
5	admire	admired	admired	admiring
6	arrange	arranged	arranged	arranging
7	ask	asked	asked	asking
8	attack	attacked	attacked	attacking
9	attend	attended	attended	attending
10	assure	assured	assured	assuring
11	add	added	added	adding
12	allow	allowed	allowed	allowing
13	affect	affected	affected	affecting
14	agree	agreed	agreed	agreeing
15	annoy	annoyed	annoyed	annoying
16	announce	announced	announced	announcing
17	ashamed	ashamed	ashamed	ashaming
18	approve	approved	approved	approving
19	assemble	assembled	assembled	assembling
20	assess	assessed	assessed	assessing
21	attempt	attempted	attempted	attempting

Holidays Homework (from 16<sup>th</sup> March to 5<sup>th</sup> April 2020)

22	abuse	abused	abused	abusing
23	accept	accepted	accepted	accepting
24	advise	advised	advised	advising
25	admit	admitted	admitted	admitting
26	arrest	arrested	arrested	arresting
27	ascend	ascended	ascended	ascending
28	build	built	built	building
29	buy	bought	bought	buying
30	bring	brought	brought	bringing
31	beat	beat	beaten	beating
32	burn	burnt/burned	burnt/burned	burning
33	become	became	become	becoming
34	begin	began	begun	beginning
35	borrow	borrowed	borrowed	borrowing
36	boil	boiled	boiled	boiling
37	behave	behaved	behaved	behaving
38	bring	brought	brought	bringing
39	burst	burst	burst	bursting
40	bestow	bestowed	bestowed	bestowing

Holidays Homework (from 16<sup>th</sup> March to 5<sup>th</sup> April 2020)

# **Social Studies**

**Social Studies Homework:**

- Unit 1 page #2 Facts about Karachi Learn + Practice
- Unit #1 Lesson #1 reading + Learn important points.
- Unit #1 Lesson #2 Climate + it's a fact on page #5 learn + Practice
- Unit #1 Lesson #3 Import export definition + Goods and Services + it's a fact on page # 6,7 L+P
- Unit # 1 Lesson #4 Big city problems+ it's a fact on page #9 L+P
- Unit #1 page # 10 Water pollution in Karachi (it's a fact) L+P
- Unit #1 Lesson # 5 Life outside Karachi L+P Page #11
- Key facts page 12 L+P
- Glossary words Page 124 of unit #1 L+P

# Urdu

اُردو ادب + زبان

- حمد باری تعالیٰ سے لیکر نمک کا شہر پڑھائی اور املاء نئے الفاظ کی مشق کرنی ہے۔
- مضامین: ورزش کے فائدے + محنت کی برکات
- درخواست: ضروری کام کی درخواست
- کہانی: راجا نے گھاس کھائی
- بیانیہ تحریر: میں چھت سے گرا، پارک کی سیر