Class: VII

I.Read the following passage carefully and do as directed:

Act Like the Others

Jack and Lydia are on holiday in France with their friends, Mike and Anna.

Mike loves to visit historical buildings. Jack agrees to sightsee some historical buildings with him.

Lydia and Anna decide to shop in the city. "See you boys when we get back!" the girls shout.

In the village jack and Mike see a beautiful old church, but when they enter the church, a service is already in progress.

"Shh! Just sit quietly , so that we don't stand out. And act like the others!" Mike whispers. Since they don't really know French, Jack and Mike quietly sit down. During the service, they stand, kneel and sit to follow what the rest of the crowd do.

"I hope we blend in and don't look like tourists!" Mike tells Jack.

At one point, the priest makes an announcement and the man who sits next to Jack and Mike stands up.

"We should stand up, too!" Jack whispers to Mike.

So, Jack and Mike stand up with the man. Suddenly, all the people burst into laughter . After the service, Jack and Mike approach the priest, who speaks English.

"What's so funny?" Jack asks.

With a smile on his face the priest says, "Well boys, there is a new baby born, and it's tradition to ask the father to stand up."

Jack and Mike look at each other and Mike shakes his head. He smiles and says, "I guess we should understand what people do before we act like the others!"

I. Answer the following questions briefly:

(a) What do the friends decide?

(b) Why do the people laugh while Mike and Jack stand up?

(c) What is the message behind the story?

2. Write (T) for True and (F) for False.

(a) The story happens in France.   [   ]

(b) When a new baby is born, the mother is asked to stand up.   [   ]

III. Fill in the blanks with a, an, or the

1. Give me _____ blue cup.
2. The cow is _____ useful animal.
3. The Ganga is _____sacred river.
4. We shall be back in _____hour.
5. _____Nile is the longest river in the world.

IV. Use the appropriate prepositions from the brackets to fill in the blanks.

1. He is not _____ home just now. (in/at)
2. My sister is afraid _____dogs. (of/ from)
3. She comes _____ a noble family (from / of)
4. He was born _____a small village (in, by)
5. The train is _____ time (in/ on)

V. Tick the correct verb to complete the sentences. The verb must agree with the subject.

1. The price of this jeans (is/are) reasonable.

2. The books borrowed from the library (is/are) on my dust.

3.The poor (is/are) suffering.

4. None of my friends (was/were) there .

5. The famous singer and composer (has/her) arrived.

VI. Write as directed:

1. Define Parts of speech with atleast one example of each.
2. Write verb forms (any 20)

V1	V2	V3
Ex: go	went	gone

3. Write a bio-sketch (biography) on the life history of the Indian Cricket legend, 'Sachin Tendulakar' in 80 words.

4. You are Vijay and you want to buy a new cricket set for you cricket club, Write a dialogue (create a conversation) with your parents, trying to convince them about the need for the new set, in about 80 words.

:: THE END::

Science Assignment - 2024-25

Class: VII

Physical Science

1. "Water is life. No water, No life."
   Support these sentences by showing that water is a very important thing and collect some information about importance of water and its conservation methods.

2. Collect some pictures and information about different kind of thermometers and its applications.

3. Write about any electric or electronic device (its invention, working principle and its applications).

BIOLOGICAL SCIENCE

I. Answer the following questions in one (or) two sentences.

1. Where is water from undigested food absorbed in the body?

2. Where is digested food absorbed in the body?

3. Name the type of teeth which are used for

    (a) chewing and grinding food   (b) piercing and tearing food   (c) biting and cutting food

4. Name the parts of Ameoba which help it in moving and capturing food.

5. How is food ingested by Ameoba?

6. What happens to food in staomach?

7. Where is saliva produced? Write about its main functions?

II. Draw the diagrams for below and label them.

(a) photosynthesis process   (b) cell   (c) pitcher plant

(d) movement of the food in the oesophagus of the dimentary canal.

III. Fill in the blanks:

1. The organisms live together and share both shelter and nutrients. This relationship is called _____

2. Starch is also known as _____

3. The leaves have a green pigment called _____

4. The process of taking food into the body is called _____

5. The saliva breaks down the starch into _____

6. The food that partially digested in cows and buffaloes is called _____

7. The finger like projections in ameoba are called _____

8. Animals like horses, rabbit etc…., have a large sac-like structure called _____.

9. The bodies of living organisms are made of tiny units called _____

10. The nucleus is surrounded by a jelly – like substance called _____

:: THE END::

Class: VII

Solve the following problems.

1.(a) Write the following numbers in words according to the Indian system.

   (i) 452344714   (ii) 64743783

   (b) Write the following numbers in words according to the International system.

   (i)378437678   (ii) 3178461817

2. State which is greater

   (a) 7cm or 2mm   (b) 5 Km or 30000 cm   (c) 7 Kg or 7 gr   (d) 20g or 20000 mg

3. Observe these patterns and fill in the blanks.

   1 X 8 + 1 = 9

   12 X 8 + 2 = 98

   123 X 8 + 3 = 987

   1234 X 8 + 4 = 9876

   12345 X 8 + 5 = 98765

   123456 X 8 + 6 = 987654

   1234567 X 8 + 7 = _____

   12345678 X 8 + 8 = _____

   123456789 X 9 + 9 = _____

4.John has put price tags on the items in his shop in the form of a code. This code is as follows.

A	B	C	D	E	F	G
₹1	₹2	₹4	₹8	₹16	₹32	₹64

   A Price tag ⟨FDB⟩ means 32 + 8 + 2 = ₹ 42.

Find the prices written on the following tags.
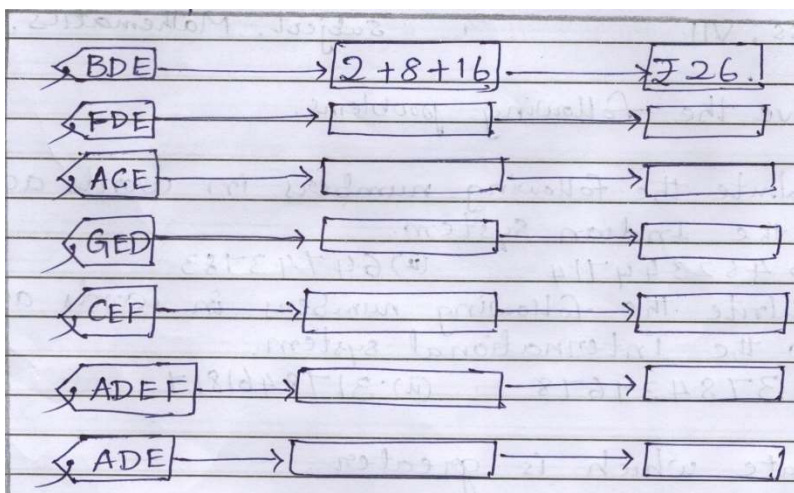
5.Circle the prime numbers in the given table.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

(a) How many prime numbers are there between 1 and 20? Write down these primes.

(b) How many even numbers are prime numbers?

(c) How many prime numbers up to 100 have the number 3 as their unit's digit?

(d) Write down all the pairs of twin primes from 1 to 100.
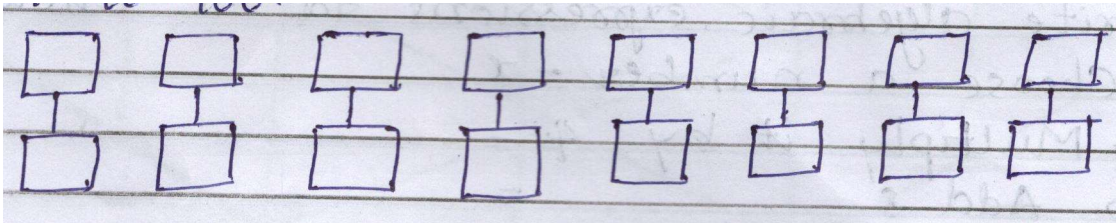
6.Find the LCM of the following numbers by common division method.

(a) 30, 48, 120   (b) 84, 144, 96   (c) 40, 80, 120, 160

7. Arrange the following numbers in ascending order.

(a) 20, -20, -10, 10, 1, -1, -13   (b) -21, 6, -7, 2,0, -1, -12

8. (a) Add the following

(i) 9 + (-3)   (ii) 12 + (-8)   (iii) (-3) + (-2)   (iv) (-14) + 17   (v) 567 + 345 – 167   (vi) 734 + 69 -234

(b) Subtract the following

(i) 7 – (-3)   (ii) 20-30   (iii) 4 – (-8)   (iv) 5 – (-1-8)   (v) (-2) – (-12)   (vi) (-3) – (-8 + 9)

9. Use the LCM method and fill in the boxes with >, < or = .

(a) $\frac{5}{12}$ ☐ $\frac{4}{9}$ (b)) $\frac{12}{25}$ ☐ $\frac{8}{15}$

10.(a) Add the following:

       (i) 0.0079 + 5.023 + 0.5   (ii) 10.69 + 0.008 + 0.04 + 97.86

  (b) Subtract the following

       (i) 689.357 – 490.507   (ii) 299.99 – 199.999

11. Write algebraic expressions for the following choose a number =x.

       (i) Multiply it by 4 = _____   (ii) Add 8 = _____

       (iii) Divide by 3 = _____   (iv) Subtract 2 = _____

12.Use a protractor to draw the following angles.

    (a) 35^0 (b) 60^0 (c) 130^0 (d) 90^0 (e) 30^0 (f) 120^0

13. If the area of a square is 100 sq. units, then what is its perimeter?

14.(a)Circle the leap years

    1998, 1996, 1950, 2004, 2010, 1942, 1912, 2032 , 2024 , 2016, 2009, 2001, 1940, 1980, 2030

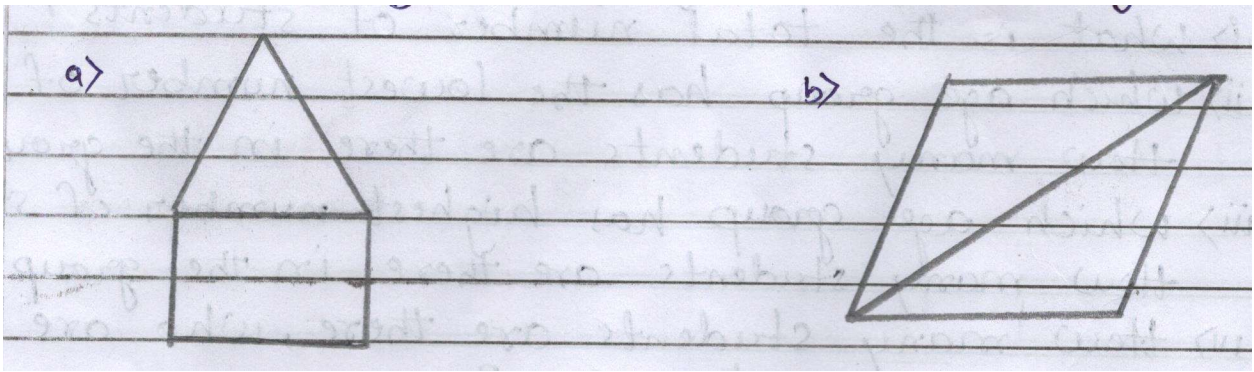 (b) Name the months that have 31 days.

      _____

15. The number 311311311311311311311 is

  (a) divisible by 3.   (b) divisible by 11

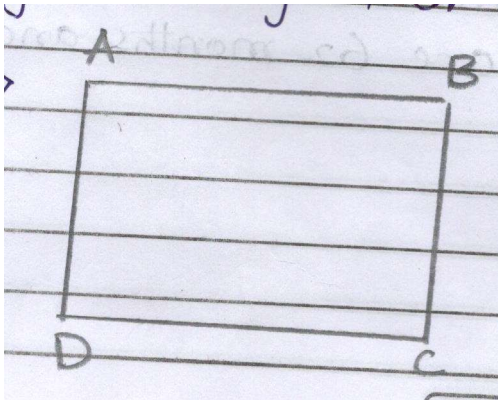16. How many triangles do you see in the figure below?
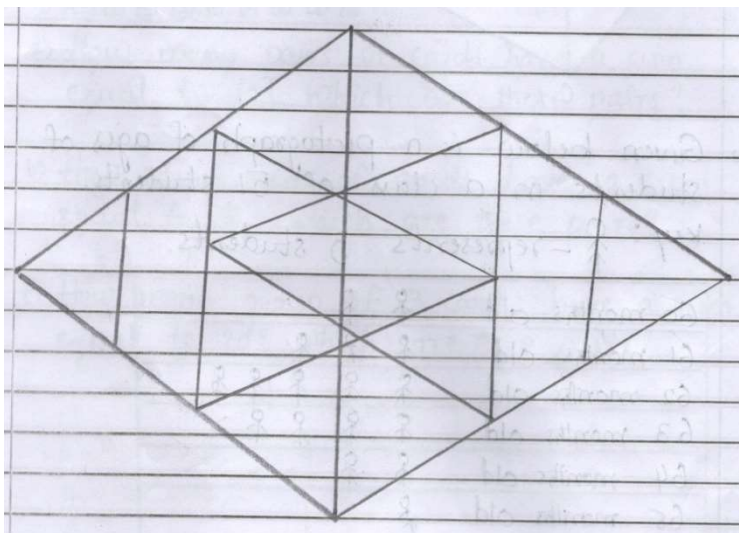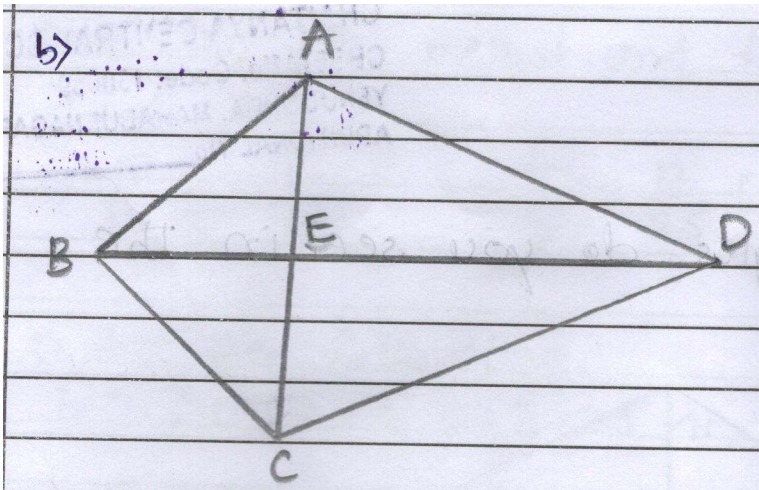
17. How many angles do you see in the given figures?

18. Specify whether the angles are acute, obtuse, right, straight, or reflex angles.
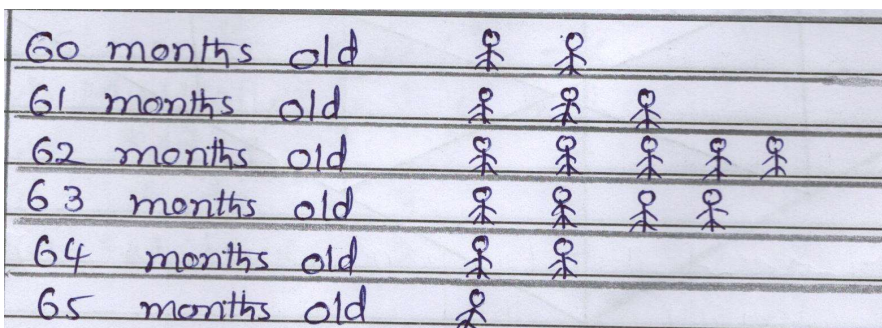
(a)

(i)∠ADC _____

(ii) ∠DCB _____

(iii) ∠ABC _____

iv) ∠BAD _____

b)

(i)∠ADE _____

(ii) ∠BAD _____

(iii) ∠AED _____

(iv) ∠AEC _____

(v) ∠BED _____

19. Given below is a pictograph of ages of students in a class of 51 students.

Key : 👤 represents 3 students.

Answer the following questions:

(i)What is the total number of students?

(ii) Which age group has the lowest number of students? How many students are there in the group?

(iii) Which age group has highest number of students? How many students are there in the group?

(iv) How many students are there, who are 62 months and below?

(v) How many students are between the age of 61 months and 64 months?

(vi) How many students are 62 months and above?

20. The numerals from 0 to 9 are written on 10 separate cards.

| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |

(a) How many pairs of cards have a sum equal to 10? Which are these pairs?
(b) How many pairs of cards have a sum equal to 8? Which are these pairs?
(c) How many group of 3 cards have a sum equal to 20? Which are these pairs?

:: THE END::