



Combined Work Sheet

Class-VI

Name:- _____

Father's name: _____

Mother's name: _____

.....
Class Teacher's Signature

.....
Parent's Signature

Wish you a very Happy Durga Puja

LOGICAL REASONING

1. Select a figure from the options in which the figure (X) is exactly embedded as one of its parts.

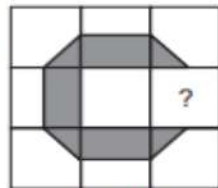


- (A) (B) Figure (X)
- (C) (D)

2. The given equations are solved on the basis of a certain system. On the same basis, find out the correct answer amongst the options. If $12 - 5 = 84$, $10 - 5 = 50$, $8 - 5 = 24$, then $6 - 5 = ?$

- (A) 11 (B) 30
(C) 6 (D) 1

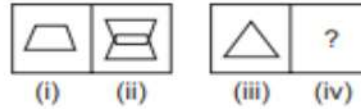
3. Select a figure from the options which will complete the pattern in Fig. (X).



- (A) (B)

- (C) (D)

4. There is a certain relationship between figures (i) and (ii). Establish a similar relationship between figures (iii) and (iv) by selecting a figure from the options which will replace the question mark in fig. (iv).



- (iii) (iv)
- (A) (B) (C) (D)

5. If 'Cloud' is called 'Rain', 'Rain' is called 'Tree', 'Tree' is called 'Axe', 'Axe' is called 'House' and 'House' is called 'Mason', then from which of the following 'Wood' is obtained?

- (A) Tree (B) Rain
(C) Axe (D) Mason

COMPUTERS AND INFORMATION TECHNOLOGY

6. Which of the following operators will combine two string constants?

- (A) - (B) +
(C) * (D) ++

8. In an MS-Word Table, which key is used to move to the next cell?

- (A) Tab (B) Function
(C) Space (D) Alt

9. The software program that acts as an interface between the user and the www is _____.

- (A) E-mail (B) Internet
(C) Protocol (D) Web browser

10. Which of the following is a volatile memory?

- (A) ROM (B) RAM
(C) EPROM (D) PROM

11. As soon as Windows starts up and you log in, you see the _____.

- (A) Notes (B) Folder
(C) Desktop (D) Logo

7. Windows 7 can run on _____.

- (A) 32-bit processors
(B) 64-bit processors
(C) 128 bit processors
(D) Both (A) and (B)

12. To switch between the running applications, _____ in Windows 7.

- (A) Press F1 (B) Press ALT + F4
(C) Press TAB
(D) Press and hold down ALT and press TAB

13. What is the difference between Volatile and Non-Volatile Memory?

- (A) They are both same types of memory.
(B) Volatile memory loses its contents when there is no electricity while non-volatile memory retains its content with or without electricity.
(C) Non-volatile memory loses its contents when there is no electricity while volatile memory retains its content with or without electricity.
(D) None of these

ACHIEVERS SECTION

14. What would be the output of given QBASIC code if user enters the value of A = 1 and B = 5?

```
CLS
INPUT A
INPUT B
SUM = A + B
Avg = SUM/2
PRINT "SUM="; SUM
PRINT "Average="; Avg
```

- (A) SUM= 6 Average= 3 (B) A = 1 B = 5 SUM = 7 Average = 3

- (C) A = 1 B = 5 SUM = 6 Average = 3 (D) SUM = 6 Avg = 3

15. Transition effect deals with the entrance and exit of a slide in a slide show. Which of the following categories of Transitions is depicted in the given image of MS-PowerPoint 2010?



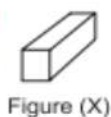
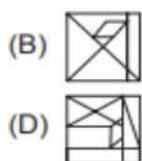
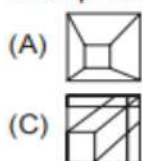
- (A) Subtle (B) Exciting
(C) Dynamic Content (D) Static Content

LOGICAL REASONING

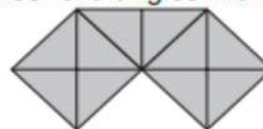
1. If A stands for addition and B stands for subtraction, then $4A3B3A2$ equals _____.
 (A) 2 (B) 4
 (C) 6 (D) 8

2. Pia walks a distance of 4 metres towards South. Then she turns to the left and walks 3 metres. After this she turns to the right and walks 4 metres. In which direction is she facing now?
 (A) North-East (B) South
 (C) North (D) South-West

3. Select a figure from the options in which figure (X) is exactly embedded as one of its parts.

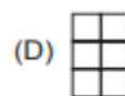
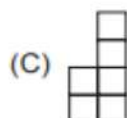
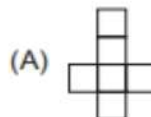


4. Find the number of triangles in the given figure.



- (A) 25 (B) 20
 (C) 21 (D) 26

5. Which net, when folded, will cover all the faces of a cube?



SCIENCE

6. Read the given statements and select the correct option.

Statement 1 : The process of separation of lint and seeds from harvested cotton fibres is called ginning.

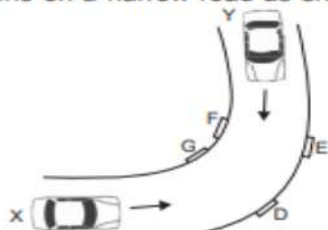
Statement 2 : Process of making yarn from fibres is called spinning.

- (A) Both statements 1 and 2 are true and statement 2 is the correct explanation of statement 1.
 (B) Both statements 1 and 2 are true but statement 2 is not the correct explanation of statement 1.

8. What adaptation does the given organism show?
 (A) Strong hind leg muscles
 (B) Hollow bones
 (C) Webbed feet
 (D) Both (B) and (C)



9. Two cars X and Y are travelling in opposite directions on a narrow road as shown here.



Four possible positions for placing a mirror are labelled D, E, F and G. In order to avoid an accident, a mirror could be placed at position _____.

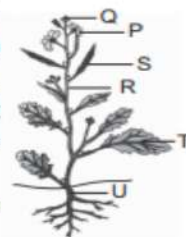
- (A) E (B) D
 (C) G (D) F

10. Select an incorrect reason for separating components of a mixture.

- (A) To separate two or more different but useful components
 (B) To remove undesirable and useless components

(C) Statement 1 is true and statement 2 is false.
 (D) Both statements 1 and 2 are false.

7. We use different parts of different plants as food source. Refer to the labelled figure of a typical plant and select the option that correctly matches an edible plant part with its example.



- (A) P - Broccoli, Q - Cinnamon
 (B) R - Cabbage, S - Chilli
 (C) T - Cabbage, U - Spinach
 (D) Q - Clove, T - Lettuce

(C) To remove pure or harmless components
 (D) To obtain pure sample of a substance

11. The given figure shows an example of _____.



- (A) Phototropism (B) Geotropism
 (C) Autotropism (D) Photosynthesis

12. Electric switch is a device which is used in

- (A) Making of an electric circuit
 (B) Breaking of an electric circuit
 (C) Both (A) and (B)
 (D) Neither (A) nor (B)

13. We can recycle water by _____.

- (A) Reusing the water from washing clothes to cook
 (B) Discharging factory waste into canals and seas
 (C) Discharging sewage and waste materials into the ocean
 (D) None of these

14. Observe the given processes 1 and 2 carefully.



Water boiling in a pan
(Process 1)



Water kept in an open shallow pan placed in the sun
(Process 2)

Which of the following statements are correct?

- I. Bubbles are formed in process 1 while no bubble formation takes place in process 2.
 - II. Process 1 is slow while process 2 is fast.
 - III. Process 1 occurs at 100°C only while process 2 can occur at any temperature.
- (A) I and II only (B) II and III only
(C) I and III only (D) I, II and III

15. Given below are the four food components (P-S) and their corresponding sources.

- P – Meat, Fish, Egg
- Q – Butter, Ghee, Margarine
- R – Bread, Biscuit, Potato
- S – Amla, Tomato, Orange

Select the incorrect statement regarding them.

- (A) Deficiency of P causes marasmus in children whereas deficiency of Q causes kwashiorkor in adults.
- (B) Among P, Q, R and S, 1 gram of Q produces the maximum energy.
- (C) Excess of R gets stored in body cells and is used for production of energy whenever required.
- (D) Deficiency of S leads to a disease in which gums swell up and bleed.

MATHEMATICS

LOGICAL REASONING

1. Rearrange the following letters to make a single meaningful English word and then choose the category to which it belongs.

F G O R

- (A) City (B) Animal
- (C) Vegetable (D) Person

2. Joy wants to save ₹ 50 to buy a pair of roller blades. He plans to save ₹ 2 in the first month, ₹ 4 in the second month, ₹ 6 in the third month and ₹ 8 in the fourth month.

Months	Amount saved during month	Total savings
1	₹ 2	₹ 2
2	₹ 4	₹ 6
3	₹ 6	₹ 12
4	₹ 8	₹ 20
*	*	*
*	*	*
*	*	*

If Joy continue this savings pattern, then how many months will Joy take to save ₹ 50 ?

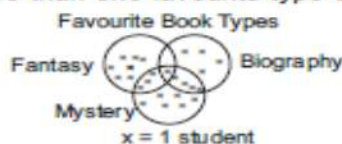
- (A) 5 months (B) 7 months
- (C) 9 months (D) 13 months

3. $\triangle \triangle = \square \triangle \square$, $\triangle \square = \bigcirc \bigcirc$, $\triangle = 50$

Using the diagram above, which of the following statements is true?

- (A) $\bigcirc < \triangle$ (B) $\square > \bigcirc$
- (C) $\triangle < \square$ (D) $\triangle < \bigcirc$

4. According to the diagram, how many students have more than one favourite type of book?



- (A) 3 (B) 5 (C) 7 (D) 8

MATHEMATICAL REASONING

5. In Parul's garden, there are 25 rows of vegetables. She has five more rows of peppers than tomatoes and two fewer rows of cucumbers than tomatoes. If y represents the number of rows of tomatoes in the garden, then which number sentence can be used to find how many rows of each vegetable were planted?

- (A) $y + (y + 5) + (y + 2) + y = 25$
- (B) $(y + 5) + y = 25$
- (C) $(y + 5) + (y - 2) = 25$
- (D) $(y + 5) + (y - 2) + y = 25$

6. Which of the following figures have at least two lines of symmetry?



- (A) Only P (B) Both P and Q
- (C) Both Q and R (D) P, Q, R and S

7. Subtract 29.375 from the sum of 85.75 and 5.9.

- (A) 62.275 (B) 63.275
- (C) 64.275 (D) 65.275

8. The five-day forecast for the South Pole lists the low temperatures (in Fahrenheit) as -24° , -28° , -29° , -25° and -30° . Which choice shows the temperatures in order from the lowest to the highest?
- (A) -24° , -25° , -28° , -29° , -30°
 (B) -30° , -28° , -29° , -25° , -24°
 (C) -30° , -29° , -28° , -25° , -24°
 (D) -30° , -29° , -28° , -24° , -25°

9. What is the value of the given expression?

$$3 + 3 \times 3(4 + 3)$$

- (A) 38 (B) 42
 (C) 45 (D) 66

10. Mohit is selling candy bars. He has chocolate bars, nut bars and mint bars. If a customer buys two bars, and the bars are not of the same type, then how many different combinations are possible?

- (A) 3 (B) 6
 (C) 9 (D) 12

EVERYDAY MATHEMATICS

11. Vinita can type 28 words per minute. At this rate, how many words can Vinita type in 5.5 minutes?
- (A) 154 (B) 157
 (C) 159 (D) 162

- (A) 32 (B) 34
 (C) 42 (D) 44

12. At a school, there are 704 desks to place into 22 classrooms. If the equal number of desks is placed in each classroom, then how many desks will be there in each classroom?

13. A vessel has 5 litres 120 millilitres of mango shake. How many glasses each of 40 ml capacity, can be filled with it?

- (A) 122 (B) 130
 (C) 118 (D) 128

ACHIEVERS SECTION

14. Fill in the blanks:

- (i) The opposite sides of a parallelogram are P and Q .
 (ii) A quadrilateral having only one pair of opposite sides parallel is called a R .
 (iii) A parallelogram having all the sides equal is called a S .

- | | P | Q | R | S |
|-----|-------|--------------|-----------|---------|
| (A) | Equal | Parallel | Rectangle | Rhombus |
| (B) | Equal | Non-parallel | Trapezium | Kite |
| (C) | Equal | Parallel | Trapezium | Rhombus |
| (D) | Equal | Parallel | Trapezium | Kite |

15. Study the statements given below and choose the correct option.

Statement 1 : Numbers having more than two factors are known as composite numbers.

Statement 2 : A number for which sum of all its factors is equal to twice the number is called a perfect number.

- (A) Statement-1 is true and statement-2 is false.
 (B) Statement-1 is false and statement-2 is true.
 (C) Both statements are true.
 (D) Both statements are false.

ENGLISH

WORD AND STRUCTURE KNOWLEDGE

1. Complete the word using the letters from the options given below.

The magician had clever _____ concealed several rabbits in his hat.

- (A) fully (B) ness
 (C) ly (D) ity

2. Choose the correct expression.

- (A) Practice makes a man perfect.
 (B) Precaution makes a man perfect.
 (C) A perfect man does practice.
 (D) Perfection makes a man perfect.

3. Choose the odd phrase.

- (A) Take off (B) Take on
 (C) Take up (D) Take it

4. Choose the right spelling for the given sentence.

The _____ is fine today. Let's go for a picnic.

- (A) weather (B) wheather
 (C) whether (D) wether

5. Choose the odd pair.

- (A) Cooking : Utensils
 (B) Painting : Canvas
 (C) Sailing : Anchor
 (D) Mountaineering : Paddle

6. Choose the part of the sentence that has an error.

This history test is so difficult / as I think /
 (A) (B)
I'm going to fail. No error
 (C) (D)

7. Choose the incorrect sentence.

- (A) Have you ever been to Burma?
 (B) Was anybody injured in the accident?
 (C) How long have you been knowing him?
 (D) When was the telephone invented?

8. Choose the right word.

We are not _____ in Delhi now.

- (A) stayed (B) staying
 (C) stay (D) will stay

Direction (Q. No. 9 and 10) : Read the paragraph and choose the correct options.

Noodles were originally made using grains from millet, unlike the modern variety, which is made of wheat flour. Many cultures across the world claim to have invented it, but

in 2005 the remains of the world's oldest noodles were unearthed in China. The yellow strands measuring 50 cm were found in a pot in Lajia along the Yellow River. It is believed that the pot got buried during an earth-quake 4000 years ago.

9. The modern day noodles are made of _____.
 (A) millet
 (B) grains
 (C) millet and wheat flour
 (D) wheat flour
10. We know that noodles were made thousands of years ago in China because _____.
- (A) Chinese claim that they invented noodles
 (B) the oldest noodles have been discovered in China
 (C) historians say so
 (D) Chinese still eat noodles

SPOKEN AND WRITTEN EXPRESSION

Direction (Q. No. 11 to 13) : Choose the most suitable sentence.

11. Asha: Why are you in such a hurry to go home today?
 Tara: _____
 Asha: I am sure you are eager to see her.
 (A) I will go when I like
 (B) Going to my home is not difficult because my sister will come with me
 (C) My aunt is coming home from London after two years
 (D) I am always in a hurry to go home
12. Asif: Arun, where were you yesterday? I had come home and I found it locked.
 Arun: _____
 Asif: I hope you found her hale and hearty.
 (A) I like going out for long walks with my dog
 (B) I'd gone to visit my grandmother along with my parents

- (C) We could have gone cycling along Orchard Road
 (D) My house was locked throughout this summer

13. Sentence 1 : The Amazon River is the largest river in the world with a total river flow greater than the next ten largest rivers combined.
 Sentence 2 : _____
 Sentence 3 : Because of its vast dimensions, it is sometimes called The River Sea.
 (A) However, in terms of length it is slightly shorter than the Nile
 (B) The Amazon River is surrounded by thick rain forest
 (C) Hundreds of people use the Amazon River to transport goods
 (D) The Amazon River is in South America

ACHIEVERS SECTION

Direction (Q. No. 14 and 15) : Choose the best option to complete the sentence.

14. Each of the students _____ in to the Principal's room.
 (A) were been called (B) have been called
 (C) has been called (D) are been called
15. What does 'a blessing in disguise' mean?
 (A) To be blessed
 (B) To attend a prayer meeting
 (C) Something good that isn't recognised at first
 (D) None of these

