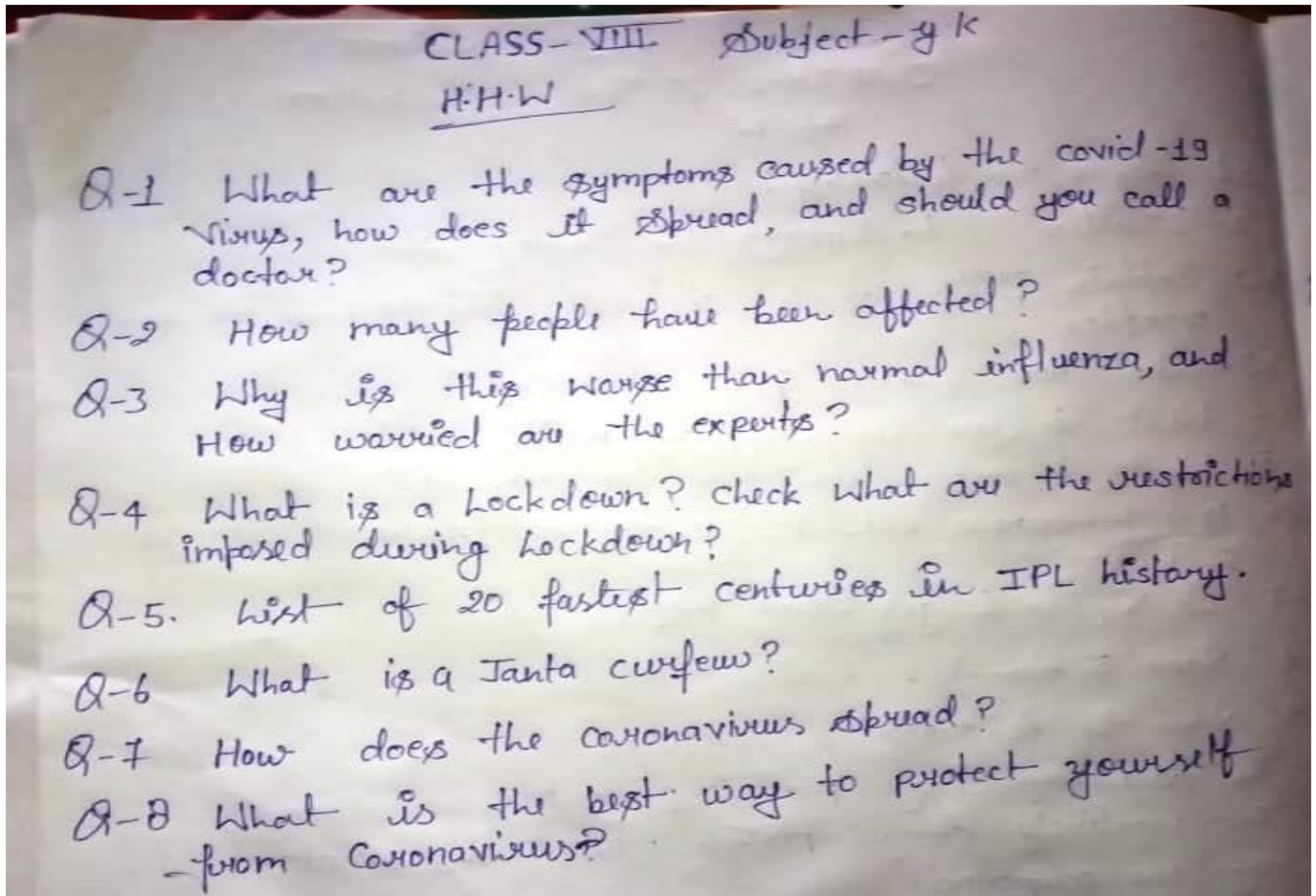


SUBJECT- SCIENCE

- A. Write a note on history of clothes.
- B. Describe the properties of acids and bases.
- C. Explain the detail :- the term pollution and type of details.
- D. Write a note on rain water harvesting.
- E. Explain water cycle in details.
- F. Write an essay on COVID-19.



Subject-S.St.

1. Learn and note down all aspects about Trade wares of European power in India. (Portuguese, Dutch, Danish, and English).

Write a short note on Battle of Plassey.

a. circumstances leading the battle, and conclusion.

b. Treaty of Allahabad and its main objectives.

Subject :- Maths

1. Which number will replace the question mark, if the matrix follows a certain rule in the rows or columns?

5	4	3
37	?	29
7	8	9

(A) 35

(B) 34

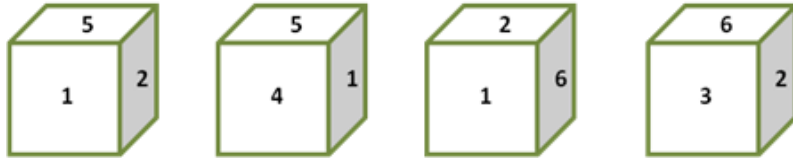
(C) 38

(D) 33

2. In a village, one half of the population works in the fields. $\frac{2}{3}$ rd of the remaining people work in the factories What is the fraction of people not working in the fields as well as factories?

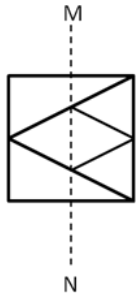
- (A) $\frac{1}{3}$ (B) $\frac{2}{3}$ (C) $\frac{1}{6}$ (D) $\frac{1}{2}$

3. Four positions of a dice are shown below. The number opposite 2 is



- (A) 3 (B) 2 (C) 4 (D) 1

4. A transparent square sheet with a pattern is given below. Find out from the options as to how the pattern would appear when the transparent sheet is folded along the dotted line MN.

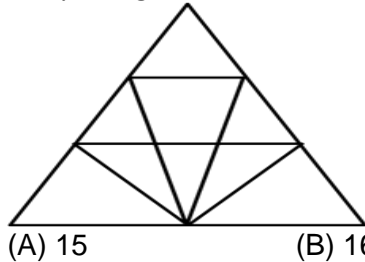


5. Which of the following signs are missing?

$$24_2_3_5=7$$

- (A) -, ×, - (B) +, ×, - (C) -, +, × (D) ÷, +, -

6. How many triangles are there in the given figure?



- (A) 15 (B) 16 (C) 17 (D) 18

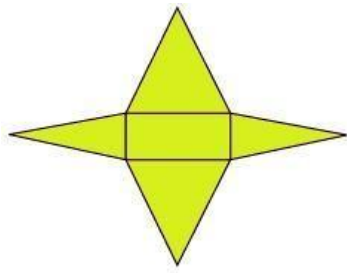
7. Choose the correct option: Mountain: Height: Climber

- (A) River: Length: Water (B) Land: Farmer: Crop
(C) College: Building: Student (D) Sea: Depth: Diver

8. 50 cards numbered from 1 to 50 are kept face down on a table. What is the chance of drawing out a card which is a multiple of 3?

- (A) $\frac{16}{25}$ (B) $\frac{30}{25}$ (C) $\frac{8}{25}$ (D) $\frac{10}{25}$

9. The given figure represents the two-dimensional pattern of



- (A) Square pyramid (B) Rectangular pyramid
(C) Rectangular prism (D) Triangular prism

10. Sonal remembers visiting her aunt on a Friday after the 25th of the month. If the 6th day of that month was a Sunday, then determine the day Sonal visited her aunt?
(A) 25th (B) 26th (C) 27th (D) 28th
11. Which of the following has the same relationship as PH: TL?
(A) RB: VF (B) KP: PN (C) GF: LM (D) LR: OP
12. If '+' means '÷', '-' means '×', '×' means '-' and '÷' means '+', then $1800 \div 200 + 8 \times 25 - 50 = ?$ (A) 1209 (B) 1800 (C) 575 (D) -575
13. How many 4's are there in the given series which are immediately preceded by an even number and immediately followed by a vowel? 6 4 D 5 3 4 I 3 B D 6 8 4 U 6 4 A M 1 5 4 E 9 G 3 1 6 K L B 2 4 O 5 4
(A) 2 (B) 4 (C) 0 (D) 3
14. Rohan is taller than Hardev who is shorter than Sushil. Nizam is taller than Hari but shorter than Hardev. Sushil is shorter than Rohan. Who is the tallest?
(A) hardev (B) rohan (C) hari (D) sushil
15. Logically arrange the given: 1. Income 2. Status 3 Education 4 Well-being 5 Job
(A) 1, 3, 2, 5, 4 (B) 1, 2, 5, 3, 4 (C) 3, 1, 5, 2, 4 (D) 3, 5, 1, 2, 4
16. A man said to a lady, "Your mother's husband's sister is my aunt". How is that lady related to that man?
(A) Daughter (B) Sister (C) Grand daughter (D) Mother
17. Starting from a point, Rajiv walked 12 m North, he turned right and walked 10 km, he again turned right and walked 12 m, then he turned left and walked 5 m. How far is he now and in which direction from the starting point?
(A) 27 m towards East (B) 5 m towards East
(C) 10 m towards West (D) 15 m towards East
18. Complete the series: 4, 7, 12... 28, 39
(A) 19 (B) 24 (C) 14 (D) 16
19. Pick the odd one out
(A) YWU (B) NLJ (C) KIF (D) VTR
20. Girish drew a rectangle as shown below. Then he cut along the line and slide the triangle to the opposite side. Which figure did he get after this move?



- (A) rectangle (B) pentagon (C) square (D) parallelogram

21. Underlined word followed by four answer choices. You will choose the word that is a necessary part of the underlined word.

(A) Fiction

(B) Pages

(C) Pictures

(D) Learning

22. The problem consists of three statements. Based on the first two statements, the third statement may be true, false, or uncertain.

Tanya is older than Eric.

Cliff is older than Tanya.

Eric is older than Cliff.

If the first two statements are true, the third statement is

(A) True

(B) False

(C) Uncertain

(D) Other

