

- I. Multiple choice questions: 5x1=5
- How many rational numbers are there between any 2 given rational numbers?  
 a) 1                      b) 2                      c) Countless                      d) None of these
  - Multiplicative inverse of  $\frac{-7}{8}$  is \_\_\_\_\_.  
 a)  $\frac{7}{8}$                       b)  $\frac{8}{7}$                       c)  $\frac{-8}{7}$                       d) 1
  - The numbers which can be expressed in standard form by using negative exponents.  
 a) Very small    b) Very large    c) Greater                      d) None of these
  - The area of a rectangle of length  $3p$  and breadth  $4q$  is \_\_\_\_\_.  
 a)  $7pq$                       b)  $12pq$                       c)  $3p + 4q$                       d)  $pq$
  - Identify the coefficient of  $p$  in the expression  $-4pq$ .  
 a)  $-4$                       b)  $-4p$                       c)  $-4q$                       d)  $4pq$

SECTION - B


- II. Answer the following: 3x2=6
- Verify that  $-(-a) = a$  for  $a = \frac{-7}{9}$ .
  - Find the product of  $(3x + 5)$  and  $(2x - 3)$
  - Express the following: i)  $4.503 \times 10^5$  in usual form.  
 ii)  $7500000$  in standard form.

SECTION - C

- III. Answer the questions: 2x3=6
- Subtract  $(2x^2 - 5x + 2)$  from  $(3x^2 - 2x + 8)$
  - Represent  $\frac{-3}{7}$ ,  $\frac{-1}{7}$  and  $\frac{2}{7}$  on the number line.

SECTION - D

- IV. Answer in detail: 2x4=8
- Verify the given property for  $a = \frac{1}{3}$ ,  $b = \frac{5}{2}$   $C = \frac{7}{2}$  in  
 $a \times (b + c) = (a \times b) + (a \times c)$ .
  - Simplify  $3x(x^2 + x + 1) + 1$  and find its value for  $\rightarrow x = 1$ .

- I. Multiple choice questions: 5x1=5
- Find the common factor of  $10pq$  and  $20qr$ .  
 a)  $10pqr$                       b)  $10q$                       c)  $20pqr$                       d)  $30pq^2r$
  - In Euler's formula \_\_\_\_\_ stands for vertices.  
 a) X                      b) U                      c) V                      d) E
  - No. of vertices for a cuboid \_\_\_\_\_.  
 a) 6                      b) 8                      c) 4                      d) 2
  - $(a + b)(a - b) =$  \_\_\_\_\_.  
 a)  $a^2 + b^2$                       b)  $(a + b)^2$                       c)  $a^2 - b^2$                       d)  $(a - b)^2$
  - Type of shape   
 a) 2D                      b) 3D                      c) 4D                      d) 5D

SECTION - B

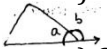
- II. Answer the following: 3x2=6
- Divide:  $(3x^2 - 4x) \div 5x$ .
  - Factorize:  $(x + xyz)$ .
  - Write number of faces and number of edges for a cuboid?

SECTION - C

- III. Answer the questions: 2x3=6
- Using Euler's formula find E if  $F = 6$  and  $V = 8$ ?
  - Factorize:  $x^2 + xy - xz - yz$ .

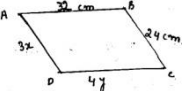
SECTION - D

- IV. Answer in detail: 2x4=8
- Factorize: a)  $x^2 - 16x + 64$                       b) Factorize:  $(7p + q)(7p - q)$
  - Construct a quadrilateral ABCD in which  $AB = 4.5$  cm  $BC = 5.2$  cm  
 $CD = 4.8$  cm,  $AD = 5$  cm and diagonal  $AC = 6.5$  cm.

- I. Multiple choice questions: 5x1=5
- A quadrilateral with exactly two pairs of equal consecutive sides  
 a) Kite b) Parallelogram c) Trapezium d) None of the above
  - The adjacent angles in a parallelogram are \_\_\_\_\_.  
 a) Complementary b) Supplementary c)  $180^\circ$  d) both b & c
  -  name the angles of a and b from the figure.  
 a) Corresponding angles b) Alternate angles  
 c) Linear pair d) None of the above
  - $x + 9 = 15$  \_\_\_\_\_. a)  $x = 6$  b)  $x = 7$  c)  $x = 10$  d)  $x = 5$
  - The solution of  $\frac{x}{10} = 10$ .  
 a)  $x = 100$  b)  $x = 10$  c)  $x = 1000$  d)  $x = 0$

SECTION - B

- II. Answer the following: 3x2=6
- Write any two properties of rectangle.
  - Solve:  $x + \frac{19}{17} = \frac{14}{17}$ .

-  Find  $x$  and  $y$  from the above figure. ABCD is a parallelogram.

SECTION - C

- III. Answer the questions: 2x3=6
- Sum of two number is 85. If one exceeds the other by 13. Find the numbers?
  - Find the angle sum of convex polygon with number of 5 sides? (by using formula) and name the polygon.

SECTION - D

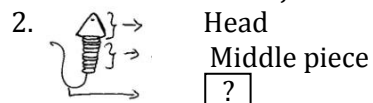
- IV. Answer the following: 2x4=8
-  Find  $x + y + z + u + v$

- a) Solve the following equation  $\frac{9x-3}{4x} = 2$ . b)  $\frac{y}{15} = 12$ , Solve.

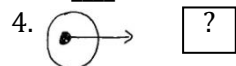
- I. Write the synonyms: 2x1=2
- Beacon - 2. Vaults -
- II. Write the antonyms of: 2x1=2
- Luxury - 4. Former -
- III. Frame sentence: 1x1=1
- Satisfied -
- IV. Answer with reference to context: 1x2=2
- But America has failed to pay on this promissory note to her citizens of colour.  
 a) Who are the citizens of colour.  
 b) What is the promissory note referred to in the given line?
- V. Answer in short: (Any 2) 2x1½=3
- What is the Emancipation Proclamation about and who signed it?
  - What should be our attitude towards our work?
  - What message is the poet trying to convey?
- VI. Answer in paragraph: (Any 1) 1x3=3
- What is Dr. King's purpose in giving this speech?
  - Give a few examples from the poem that work through a contrast of the high and the low. Are some occupation low while some are high?
- VII. Answer in detail: (Any one) 1x4=4
- What were the African - Americans deprived of?
  - Was Martin Luther King a powerful speaker? Write a few thought provoking lines from his famous speech 'I have a dream'.
- VIII. Grammar: (Do as directed) (3)
- Sarthak \_\_\_(go)to the beach next week (Use future continuoustense)(½)
  - Maria \_\_\_(sing) at the party (use simple future tense) (½)
  - If I were to get good marks, I \_\_\_ (use the correct conditional) (1)
  - I had eaten all the oranges \_\_\_\_ (Change into passive voice) (1)
- IX. Literature Reader: (2)
- One \_\_\_\_ (foggy / snowy) evening, I was walking back to my lodgings when my attention was drawn to the \_\_\_\_ (dim / brightly) lit window of a shop. At my entrance, a young woman and a girl, by their resemblance obviously \_\_\_\_ (friends / sisters) rose from armchairs. They were bright \_\_\_\_ (active / lazy) and fairly dressed.
- X. Paragraph writing: (3)
- Write a paragraph about afforestation. (OR)  
 Write a paragraph about the disadvantages of mobile phones.

I. Answer in one word:  $6 \times \frac{1}{2} = 3$


1. Name a celestial object.




3. I am a metal. But unique because I can be easily cut with a knife. Who am I? \_\_\_\_\_



Ovum

5.  I am Hydra. Name the type of asexual reproduction in me \_\_\_\_\_.

6.  Name this gland \_\_\_\_\_.

II. Answer in short: (Any 4)  $4 \times 2 = 8$

7. What is Adolescence?

8. Name two objects other than planets which are members of the solar system.

9. Mention the uses of artificial satellite.

10. Mention the name of human gonads.

11. Complete the equation. a)  $Zn + O_2 \rightarrow \text{_____}$ . b)  $Mg + O_2 \rightarrow \text{_____}$ .

12. What is metamorphosis?

III. Answer in a paragraph: (Any 3)  $3 \times 3 = 9$

13. Distinguish between Oviparous and viviparous animals.

14. a) Do all the stars in the sky move? Put your views in writing.

b) What is a constellation? Name any two constellation?

15. Depict a table of endocrine glands and hormone secreted by them.

16. What is an alloy? Describe.

17. Add a note on Adam's apple, with diagram.

IV. Answer in detail: (Any 1)  $1 \times 5 = 5$

18. a) Define adolescence and the different stages. (OR)

b) Distinguish the physical properties of metals and non - metals.  
(OR)

c) How sex is determined in unborn baby.

I. Answer in one word:  $6 \times \frac{1}{2} = 3$

1. The most common carrier of communicable diseases is \_\_\_\_\_.

2. Micro organisms can be seen with the help of a \_\_\_\_\_.

3. Sound cannot travel in \_\_\_\_\_.

4. Name the gas produced while burning the coal.

5. Friction depends on the \_\_\_\_\_ of surfaces.

6. \_\_\_\_\_ is commonly used to control fires.

II. Answer in short: (Any 4)  $4 \times 2 = 8$

7. Write any two usefulness of micro organisms.

8. What are the harms of noise pollution?

9. What is friction? What are the two properties of friction?

10. What are inflammable substances?

11. Write the colour of each zone.



12. Explain why sportsmen use shoes with spikes.

III. Answer in a paragraph: (Any 3)  $3 \times 3 = 9$

13. Can microorganisms be seen with the naked eye, if not, how can they be seen?

14. Explain why sliding friction is less than the static friction?

15. Write the decibel for the following sources normal breathing, busy traffic, average factory, soft whisper.

16. Explain the cause of acid rain.

17. Explain any two methods of food preservation.

IV. Answer in detail: (Any 1)  $1 \times 5 = 5$

18. What are the causes of friction?

19. What are the major groups of microorganisms? Explain with diagram.

20. Explain how the use of CNG in automobiles has reduced pollution in our

cities.  
04.09.2019 EVERWIN VIDHYASHRAM Marks: 25  
STD: VIII HYA - COMPREHENSIVE REVISION PROGRAMME Time: 1hr  
[FN](Act, Dyn, Ener, Fasc, Maj) SOCIAL (PART - I)

- I. Answer in one word: 5x1=5
1. \_\_\_ is a rule under which a ruler would lose his Kingdom if he does not have his own son.
  2. \_\_\_ means seasonal migration of herders from plains to hill side and vice versa.
  3. The countries which are under foreign rule are called \_\_\_\_\_.
  4. \_\_\_\_\_ is an open prayer place for Muslims.
  5. Energy generation from tides is named as \_\_\_\_\_.

- II. Answer in short: (Any 3) 3x2=6
1. Define mining.
  2. Which period is called Renaissance period of Delhi?
  3. Define sedition.
  4. What attracted European trading companies to India.

III. Answer in paragraph: (Any 2) 2x3=6

1. What were the results of battle of Buxar.
2. When was Indian parliament created. What does it stand for.
3. Give an account of biogas.

IV. Answer in detail (any 1) 1x4=4

1. Describe the life of Birsa Munda.
2. How is geothermal energy used.

V. Value Based Question: 1x2=2

1. Write 2 departments in the Secretariat of Chennai.

VI. Mark the following on the map: 4x½=2

1. Mala Irular
2. Naga
3. Saharia
4. Santhal

04.09.2019 EVERWIN VIDHYASHRAM Marks: 25  
STD: VIII HYA - COMPREHENSIVE REVISION PROGRAMME Time: 1hr  
[AN](Act, Dyn, Ener, Fasc, Maj) SOCIAL (PART - II)

I. Fill in the blanks: 5x1=5

1. \_\_\_\_\_ refers to the state's effort to influence a particular matter in accordance with the principles of the constitution.
2. Resources found only in certain places are known as \_\_\_\_\_ resources.
3. Stretch of time also known as \_\_\_\_\_ or period.
4. The type of soil erosion in which gullies occur in the soil surface rendering it useless is known as \_\_\_\_\_ erosion.
5. \_\_\_\_\_ is the process of watering plants in agriculture by artificial means.

II. Answer in short: (Any 3) 3x2=6

1. Which was one of the last territories to be annexed? What was done for this?
2. What is secularism?
3. Give an account of natural resources.
4. How did the historians divide the Indian History?

III. Answer in paragraph: (Any 2) 2x3=6

1. Why is it most important to separate religion from the state?
2. Describe what was told by some sepoys who met Vishnu Bhatt godse on the way to Mathura.
3. Define landslides. Explain causes of landslides.

IV. Answer in detail (any 1) 1x4=4

1. In what way is Indian secularism different from that of other democratic countries?
2. Give the classification of natural resources on the basis of level of development and use.

V. Value Based Question: 1x2=2

1. Write any two points about soil as a resource.

VI. Mark the following on the map: 4x½=2

1. Assam
2. Karnataka
3. Kerala
4. Tamil Nadu