**2022**
**CLASS – VIII (Phase-1)**
**ENGLISH**

Total marks : 40                                                               Time : 1½ hours

**General instructions:**
i)   *Approximately 12 minutes is allotted to read the question paper and revise the answers.*
ii)  *All questions are compulsory. Internal option is given in some questions.*
iii) *The question paper consists of 12 questions, divided into Sections A & B.*
iv)  *Marks allocated to every question are indicated against it.*

**N.B : Check that all pages of the question paper is complete as indicated on the top left side.**

**SECTION –A (Prose)**

1. **Choose the correct answer from the alternatives given:**                   **5x1=5**

    i) Jim Macpherson, a captain in the British army had written the letter to his wife Connie on
        a. Dec 26, 1916          b. Dec 26, 1914
        c. Dec 25, 1915          d. Dec 26, 1915
    ii) Connie Macpherson thought that the visitor carrying the letter was her
        a. uncle                 b. husband
        c. brother               d. father
    iii) Ignesious carefully took his _____ set off the table when he felt the earthquake.
        a. fan                   b. radio
        c. television            d. computer
    iv) The Smith family took refuge in the _____ of the hotel.
        a. fourth floor          b. second floor
        c. third floor           d. fifth floor
    v) Dr. Chanda was a young _____.
        a. doctor                 b. dermatologist
        c. physician             d. surgeon

**Answer the following questions in about 15-20 words:**                         **4x2=8**

2. What did the author find in the junk shop? (The Best Christmas Present in the World)
3. Where had Tilly seen the sea behaving in the same strange fashion? (The Tsunami)
4. Where did Bepin Babu say he went in October '58? (Bepin Choudhury's Lapse of Memory)
5. What did the dogs in Galle do? (The Tsunami)

**Answer the following questions in about 30-40 words:**                         **2x4=8**

6. For how long do you think Connie had kept Jim's letter? Give reasons for your answer. (The Best Christmas Present in the World)
7. Why did Bepin Babu change his mind about meeting Chunilal? What was the result of this meeting? (Bepin Choudhury's Lapse of Memory)

**Answer <u>any one</u> of the following questions in about 40-50 words:**        **1x5=5**

8. a. What are the two different ideas about why so few animals were killed in the Tsunami? Which idea do you find more believable? Give reasons for your answer.
                                    **Or**
   b. Why did Bepin Babu worry about what Parimal Ghose had said?

## SECTION –B (Poetry)

9. **Choose the correct answer from the alternatives given:** 5x1=5

    i)   Which season made the Cricket feel worried?
       a. Summer                     b. Spring
       c. Winter                    d. None of the above

    ii)  The ant said to the cricket, "I'm your _____ and friend".
       a. helper                     b. attendant
       c. supporter               d. servant

    iii) What was the policy of the ant?
       a. Never borrow, never lend     b. Always give and take
       c. Share and grow             d. None of the above

    iv) Macavity is the master _____ who can defy the law.
       a. offender                 b. criminal
       c. robber                 d. judge

    v)  When the Flying Squad reached the scene of the crime, _____ is not there.
       a.Feline                    b.Snake
       c.Macavity              d. Fakir

**Answer the following questions in about 15-20 words:** 2x2=4

10. The Cricket says, "Oh! What will become of me?" Why does he say this and why? (The Ant and the Cricket)

11. Why does the poet call Macavity a fiend and a monster?

**Answer the following questions in about 40 - 50 words:** 5x1=5

12. *'Macavity's a ginger cat, he's very tall and thin;*
    *You would know him if you saw him, for his eyes are sunken in.*
    *His brow is deeply lined with thought, his head is highly domed;*
    *His coat is dusty from neglect, his whiskers are uncombed.*
    *He sways his head from side to side, with movements like a snake;*
    *And when you think he's half asleep, he's always wide awake.*

    a. Who is Macavity? (1)
    b. How can he be recognised? (1)
    c. Describe Macavity in two - three sentences of your own. (3)

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**2022**
**CLASS – VIII (Phase-I)**
**SCIENCE**

Total marks : 40                                                     Time : 1½ hours

**General instructions:**
*i) Approximately 10 minutes is allotted to read the question paper and revise the answers.*
*ii) The question paper consists of 16 questions in 6 categories.*
*iii) Internal choice has been provided in some questions. A student has to attempt only one of the alternatives in such questions.*
*iv) Alternate question for the visually impaired students are provided in some questions. **Only the visually impaired students have to attempt such alternate questions**.*
*v) Marks allocated to every question are indicated against it.*
***N.B: Check to ensure that all pages of the question paper are complete as indicated on the top left side.***

1. **Choose the most appropriate answer from the given alternatives:**

   a.   The cutting of crop after it is matured is called      **1**
      (i)   tilling        (ii)  harvesting
      (iii)  seed drill      (iv)  irrigation

   b.   The petroleum product used for making paints and road surfacing is   **1**
      (i)   paraffin wax    (ii)  kerosene
      (iii)  bitumen      (iv)  diesel

   c.   The unit of inheritance in living organisms is      **1**
      (i)   nucleolus      (ii)  nuclear membrane
      (iii)  chromosomes   (iv)  genes

   d.   The smaller the area, larger the _____ on a surface for the same force.   **1**
      (i)   pressure      (ii)  force
      (iii)  friction      (iv)  speed

   e.   Which of the following is **NOT** a greenhouse gas?   **1**
      (i)   Carbon dioxide   (ii)  Sulphur dioxide
      (iii)  Methane      (iv)  Nitrogen

2. **Fill in the blanks:**

a.   Rayon is also known as _____ .   **1**

b.   Least polluting fuel for vehicles is _____ .   **1**

c.   The protruding voice box in males is called _____ .   **1**

d.   Asteroids are found between the orbits of _____ and _____ .   **1**

**Answer the following questions in one word or one sentence:**

3.   What is meant by 'irrigation'?                                          **1**

4.   Define adolescence.                                                     **1**

5.   What is the unit of frequency of oscillation?                          **1**

6.   What is potable water?                                                  **1**

**Answer the following questions in about 10-20 words:**

7.   Write any two advantages of manure.                                     **2**

8.   Mention one characteristic and one use of coke.                         **2**

9.   State one function each of the male and female sex hormone.             **2**

10.  Can music become noise sometimes? Give one example each of music and noise.   **2**

11.  What is a constellation? Name any two constellations.                   **2**

**Answer the following questions in about 30-40 words:**

12.  **a**. Suggest three ways to avoid the use of single-use plastics.
                                    **Or**                                   **3**
     **b**. 'Manufacturing synthetic fibres is actually helping conservation of forests'. Give
            three points in support of this statement.

13.  Explain how sound is produced in the larynx of human beings.           **3**

14.  **a**. Why does the increased level of nutrients in the water affect the survival of aquatic
            organisms?
                                    **Or**                                   **3**

     **b**. How does acid rain affect the Taj Mahal?

**Answer the following questions in about 50-60 words:**

15.  Draw a neat diagram of a plant cell and label any six different parts.   **1+3=4**

     **Alternate question for visually impaired students:**
     Write short notes on the following:
     (i) cytoplasm          (ii) nucleus of a cell                          (2+2=4)

16.  **a**.  Give two examples each of situations in which you push or pull to change the state of
            motion of objects.                                              **2+2=4**
                                    **Or**
     **b**. What is contact force? Name the two types of contact force with one example each.
                                                                            (1+1½+1½=4)

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**2022**
**CLASS-VIII (Phase-I)**
**MATHEMATICS**

Total marks : 40                                               Time : 1½ hours

**General Instructions:**
*i)  Approximately 8 minutes is allotted to read the question paper and revise the answers.*
*ii)  The question paper consists of 13 questions.*
*iii) All questions are compulsory.*
*iv)  Internal choice has been provided in some questions.*
*v)  Marks allocated to every question are indicated against it.*
**N.B: Check to ensure that all pages of the question paper is complete as indicated on the top**
     **left side.**

**Section - A**

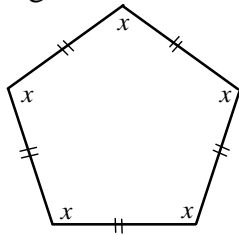1.    **Choose the correct answer from the given alternatives.**

(a) The reciprocal of $\frac{1}{x}$ , where $x \neq 0$ is                                    **1**

(i) 0                (ii) $\frac{1}{x}$            (iii) $x$              (iv) $-x$

(b) How many diagonals does a convex quadrilateral have?                **1**
(i) 1                (ii) 2              (iii) 3              (iv) 4

(c) The square of which of the following numbers would be an odd number?    **1**
(i) 101              (ii) 196            (iii) 200            (iv) none of these

(d)The square of the number 32 is                                          **1**
(i) 1012             (ii) 1042           (iii) 1024           (iv) 1204

(e) The product of the monomial 4, $7p$ is                                 **1**
(i) $4 + 7p$         (ii) $11p$          (iii) $28p$          (iv) $7p - 4$

**Section – B**

2.    Represent $\frac{7}{4}$ on the number line.                              **2**

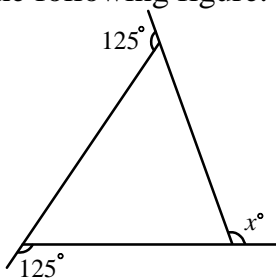3.    Solve the equation: $\frac{(x-5)}{3} = \frac{(x-3)}{5}$                    **2**

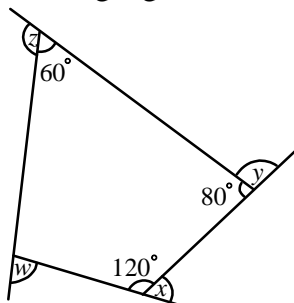4.  In the following figure, find the angle measure $x$.                    **2**

5.  Using the identity $(x+a)(x+b) = x^2 + (a+b)x + ab$, find $(x+3)(x-7)$.    **2**

## Section – C

6.  Find $x$ in the following figure.                                         **3**

7.  **a.** In the following figure, find $x+y+z+w$.

**Or**                                                                       **3**

    **b.** The measures of two adjacent angles of a parallelogram are in the ratio 3 : 2. Find the measure of each of the angles of the parallelogram.

8.  Construct the quadrilateral DEAR, where DE = 4 cm, EA = 5 cm, AR = 4.5 cm, $\angle$ E = 60° and $\angle$ A = 90°. (Traces of construction only is required.)    **3**

9.  **a.** Find the smallest whole number of 1008 by which it should be multiplied so as to get a perfect square number. Also, find the square root of the square number so obtained.

**Or**                                                                       **3**

**b.** A gardener has 1000 plants. He wants to plant these in such a way that the number of rows and the number of columns remain same. Find the minimum number of plants he need more for this.

10.   Simplify: $(a+b)(c-d)+(a-b)(c+d)+2(ac+bd)$.                                          **3**

### Section – D

11.   **a.** The number of boys and girls in a class are in the ratio $7:5$. The number of boys is 8 more than the number of girls. What is the total class strength?

### Or                                                                                                                **4**

**b.** Sum of the digits of a two-digit number is 9. When we interchange the digits, it is found that the resulting new number is greater than the original number by 27. What is the two-digit number?

12.   Numbers 1 to 10 are written on ten separate slips (one number on one slip), kept in a box and mixed well. One slip is chosen from the box without looking into it. What is the probability of
(i) getting a number 6?
(ii) getting a number less than 6?
(iii) getting a 1-digit number?                                                                       **4**

13.   The number of students in a hostel, speaking different languages is given below. Display the data in a pie-chart.                                                                       **4**

| Language | Hindi | English | Marathi | Tamil | Bengali | Total |
|----------|-------|---------|---------|-------|---------|-------|
| No. of students | 40 | 12 | 9 | 7 | 4 | 72 |

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**2022**
**CLASS – VIII (Phase-1)**
**SOCIAL SCIENCES**

Total marks : 40                                                                                      Time : 1½ hours

**General instructions :**
*i)      Approximately 10 minutes is allotted to read the question paper and revise the answers.*
*ii)     The question paper consists of five (5) categories of questions. All questions are*
*        compulsory.*
*iii)    General choice has been provided in 3 marks and 4 marks  questions.*
*iv)     Marks allocated to every question are indicated against it.*
        ***N.B: Check that all pages of the question paper is complete as indicated on the top left side.***

1.      **Choose the correct answer from the given alternatives:**

        (a)  The Battle of Buxar was fought in                                                           **1**
             (i)    1747                        (ii)     1764
             (iii)  1765                        (iv)     1766

        (b)  Lord Dalhousie implemented the policy of                                                 **1**
             (i)    Subsidiary Alliance          (ii)     Give and take
             (iii)  Paramountcy                  (iv)     Doctrine of Lapse

        (c)  The highest position held by an Indian in the Colonial Army was of a                   **1**
             (i)    Tehsildar                    (ii)     Thanedar
             (iii)  Mansobdar                    (iv)     Subedar

        (d)  The railway line between Thane and Bombay was inaugurated in the year                 **1**
             (i)    1853                        (ii)     1854
             (iii)  1855                        (iv)     1856

        (e)  The highest civil court in a district is the                                           **1**
             (i)    Supreme court                (ii)     District court
             (iii)  Nyaya Panchayat              (iv)     None of these

2.**a.**  **State whether the following statements are *true* or *false* :**                **1x3=3**

        (i)   Delhi came under direct British control after the Indian Rebellion of 1857.    (1)

        (ii)  Brazil is the largest producer of coffee.                                      (1)

        (iii) Subordinate courts can only try criminal case.                                 (1)

   **b.**  **Answer the following questions in one word or one sentence not**
         **exceeding 15 words:**                                                            **1x3=3**

        (i)    When was the East India Company established in India?                         (1)

(ii) What is meant by colonialism? (1)

(iii) Which industry is also called the 'backbone of modern industry'? (1)

3. **Answer the questions in about 20-30 words:** **2x6=12**

(i) Briefly explain the Ryotwari System. (2)

(ii) List the main centers of the Revolt of 1857. (2)

(iii) Briefly explain any one factor affecting agriculture. (2)

(iv) What is meant by manufacturing? (2)

(v) Define the term Law. (2)

(vi) Who is a Public Prosecutor? What is his role? (1+1=2)

4. **Answer *any three* questions in about 35-45 words.** **3x3=9**

(i) Briefly explain annexation by the Subsidiary Alliance System. (3)

. (ii) What were the main objectives of British administrative policy in India? (3)

(iii) Distinguish between Extensive farming and Intensive farming. (3)

(iv) Write any three Fundamental Duties. (3)

5. **Answer *any two* questions in about 50-70 words.** **4x2=8**

(i) Mention any two main provisions of the Regulating Act 1773. (4)

(ii) Describe any two factors which led to the decline of Indian handicrafts in the 19th century. (4)

(iii) Explain any two results of the Revolt of 1857. (4)

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# 2022
## CLASS - VIII (Phase I)
### HINDI

Total marks : 40                                                 Time : 1½ hours

*General Instructions:*
i) *Approximately 8 minutes is allotted to read the question paper and revise the answers.*
ii) *The question paper consists of 13 questions. All questions are compulsory*
iii) *Internal choice has been provided in some questions.*
iv) *Marks allocated to every question are indicated against it.*
**N.B: Check to ensure that all pages of the question paper is complete as indicated on the top left side.**

## SECTION - A ( LITERATURE)

1. **निम्नलिखित प्रश्नों के उत्तर 20-25 शब्दो में लिखिएः**         2x2=4

    क) पापा को अपना निबंध लिखने में कठिनाई क्यों हो रही थी?

    ख) बीमारी का बहाना बनाने पर लेखक को क्या-क्या नुकसान सहना पड़ा ?

2. **निम्नलिखित प्रश्नों के उत्तर 30-35 शब्दों में लिखिएः**         2x3=6

    क) भाषा क्या है? भाषा की दृष्टि से भारत कैसा देश हैं ?

    ख) हमें वनों से क्या-क्या मिलता है ?

<div align="center">'अथवा' (Or )</div>

    देश को सुखी एवं स्वस्थ रखने के लिए किस बात पर ध्यान देना जरुरी है ?

3. **रिक्त स्थानों की पूर्ति कीजिएः**         4x1=4

    क) नानी जी ने उनके सिर पर हाथ फेरा और उनके ——— खड़ी हो गई ।

    ख) नर्स ने नानी जी को देखकर ——— में सिर हिलाया और काका को दवा खिलाई ।

    ग) शासन के लिए ——— की आवश्यकता होती है ।

    घ) राजभाषा ——— पर हर नागरिक को गर्व होना चाहिए ।

4. **खण्ड 'अ' के अंशो को खण्ड 'ब' से मिलाइए**         3X1=3

<div align="center">'अ'                            'ब'</div>

    क) उचित समय पर वर्षा              प्राण हैं ।
       न हो तो

    ख) स्वच्छ वातावरण के           देश में अकाल पड़ जाता हैं ।
       निर्माण में

    ग) वन कृषकों के तो               वन की अहम भूमिका होती है ।

5. **निम्नलिखित प्रश्नों के उत्तर 20-25 शब्दों में लिखिएः**         2x2=4

    क) पुष्प माली से क्या अनुरोध करता है ?

    ख) बगीचे और फूल की क्या विशेषताएँ होती हैं?

6. **रिक्त स्थानों की पूर्ति कीजिए:** 2X1=2

क) एक हमारी -------- सबकी, जिसकी मिट्ठी में ———हम ।

ख) एक हमारा ——— हम सब, रहते नीचे एक ———के ।

7. **सही वाक्य के आगे (✓) और गलत के आगे (✗) का चिन्ह लगाइए:** 2X1=2

क) पुष्प सम्राटों के शव पर चढ़ाना चाहता है । ———

ख) वह वीरों के पथ पर बिछना चाहता है । ———

## SECTION - B ( Grammar & Composition)

8. **निम्नलिखित शब्दों से विलोम शब्द लिखिए -** 2X1=2

क) सुधरना =

ख) सवाल =

9. **निम्नलिखित शब्दों का प्रयोग वाक्यों में कीजिए:** 2X1=2

क) इठलाना =

ख) बिंधना =

10. **निम्नलिखित शब्दों के वचन बदलिए:** 3X1=3

क) क्यारी =

ख) किरण =

ग) स्वर =

11. **निम्नलिखित शब्दों में से लिंग बदल कर लिखिए:** 2X1=2

क) लड़का =

ख) दादा =

12. **निचे दिए गए शब्दों का अंग्रेजी में अनुवाद कीजिए ।** 3X1=3

क) दिलचस्प =

ख) गणित =

ग) माहौल =

13. **निचे दिए गए शब्दों का हिन्दी में अनुवाद कीजिए ।** 3X1=3

क) Judiciary =

ख) Perfume =

ग) Wish =

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**2022**
**GRAMMAR AND COMPOSITION**

Total marks: 40                     **CLASS VIII (Phase-I )**                     Time: 1½ hours

**General instructions**:
*i)        Approximately 08 minutes is allotted to read the question paper and revise the answers*
*ii)       The question paper consists of 10 questions. All questions are compulsory.*
*iii)      Internal choice has been provided in some questions.*
*iv)      Marks allocated to every question are indicated against it.*
**N.B: Check that all pages of the question paper are complete as indicated on the top left side**.

**SECTION-A (GRAMMAR)**
1.  **Choose the correct answer from the alternatives given:**                     **5x1=5**
    a. A _____ is a group of words that forms a larger sentence and has a subject and predicate of its own.
    i. Phrase          ii. Clause         iii. Adverb phrase          iv. Adverb clause
    b. A_____sentence is one that is made up of one principal clause and one or more subordinate clauses.
    i.compound     ii. simple      iii. complex          iv.co-ordinate
    c. I have no faith in _____ he says.
    i. it                 ii. what        iii. that             iv. who
    d. SARS is a disease for _____ there is no medicine.
    i. which           ii. who         iii. how             iv. what
    e. 'They help me' is _____.
    i.  Simple Present Tense
    ii. Present Continuous Tense
    iii. Simple Past Tense
    iv. Simple Future Tense

2.  **Rewrite the sentences as directed:**                     **5x1=5**
    a.  We cannot start while it is raining. (*Underline the Clause*)
    b.  He lives on what little be begs. (*Underline the Noun Clause*)
    c.  This is the house _____. (*Add suitable Adjective Clause*)
    d.  I am so tired that I can hardly walk.( *Pick out the Adverb Clause and state its kind*)
    e.  Who taught you English? (*State whether the sentence is in Active or Passive Voice*)

3.  **State whether the given sentences are Simple, Compound or Complex sentences:**   **2x1=2**
    a.  We returned home when the sun set.
    b.  Anupam is a handsome young man.

4. **Complete the following sentences by adding a suitable Noun Clause:**          **2x1=2**
    a.  Give him _____.
    b.  I wish _____.

5. **Underline the Adjective Clause in the following sentences**:          **2x1=2**
    a. They never fail who die of a noble cause.
    b. He laughs best who laughs last.

**6. Add suitable Adverb Clauses to each of the following**:                    **2x1=2**
   a. She cried _____.
   b. Madhu can dance better _____.
**7. Change these sentences from Active to Passive Voice:**                      **2x1=2**
   a. We expect good news.
   b. John did not take a photograph.

### SECTION- B (COMPOSITION)
**8. Read the passage and answer the questions given below**:

For years, as far back as one can remember, man had wanted to fly, to go into the clouds and feel like a bird. Before 1903, inventors had tried to fly by going up in the air in balloons and gliders. But the first successful aircraft to be used was designed by two brothers called Orville and Wilbur Wright. For hours the brothers worked and experimented in their little workshop in the backyard of their house and finally came out with an aircraft that they flew on 10th December 1903. We have advanced and discovered so much more since that time and today we have even conquered the moon. The earlier airplanes were all propeller-driven but today the planes use jet engines. We no longer have slow –speed aircraft. Supersonic jet planes are the order of the day. Keeping pace with the fast pace we lead.

Air travel has become one of the most comfortable and sought after ways of travelling as it saves time and energy. With more and more private operators entering the arena, air travel has also become more affordable. We can listen to music, watch television and relax on a flight with air-hostesses and stewards attending to every need of ours. Passengers are spoilt for choice as there are numerous airlines to choose from. The world has indeed grown smaller and easily accessible with the invention of aeroplanes.

   a. Who designed the first successful aircraft?                                **1**
   b. When was the first aircraft successfully flown?                            **1**
   c. How has air travel become more comfortable?                               **1**
   d. How are the air passengers spoilt for choice nowadays?                     **1**
   e. How has the invention of aeroplanes made the world smaller?               **1**

**9. Read the poem and answer the questions that follow:**

Trees are the kindest things I know,
They do no harm, they simply grow
And spread a shade for sleepy cows,
And gather birds among their boughs.

They give us fruit in leaves,
And wood to make our houses of,
And leaves to burn on Halloween
And in the Spring new buds of green.

They are first when day's begun
To touch the beams of morning sun,
They are the last to hold the light
When evening changes into night.

And when the moon floats on the sky
They hum a drowsy lullaby
Of sleepy children long ago...
Trees are the kindest things I know.

(Harry Behn)

**Fill in the blanks and complete the summary of the poem:**                    **5x1=5**
According to the poet, trees are _____ because they do not harm but simply grow. It
spreads a _____ for the sleepy cows and gives shelter to the birds. Trees give us
_____ in leaves and wood to make our house. Trees are the first to touch the rays of the
_____ sun and are also the last to hold day light. When the night falls and the moon
_____ on the sky, trees sing sleepy lullaby for children.

**10. Write an essay in about 100-150 words on <u>any one </u>of the given topics:**                    **10**
   a. My favourite subject.
   b. Saving Environment, saving planet.
   c. Importance of reading books.

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