

2023
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 23 questions.
- 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.

A. Choose the most appropriate answer from the given alternatives:

1. The process of loosening and turning of the soil is called 1
 - (i) tilling
 - (ii) harvesting
 - (iii) weeding
 - (iv) irrigation
2. Which of the following is an inexhaustible natural resource? 1
 - (i) Petroleum
 - (ii) Sunlight
 - (iii) Forest
 - (iv) Coal
3. Binary fission occurs in 1
 - (i) amoeba
 - (ii) hydra
 - (iii) penicillium
 - (iv) yeast
4. The strength of a force is usually expressed by its 1
 - (i) acceleration
 - (ii) pressure
 - (iii) magnitude
 - (iv) weight
5. The frequency of a sound determines the 1
 - (i) pitch
 - (ii) amplitude
 - (iii) vibration
 - (iv) loudness

B. Indicate whether the following statements are true (T) or false (F):

6. Seed drill is used for sowing. () 1
7. Coke is an almost pure form of carbon. () 1
8. Viviparous animals are those that lay eggs. () 1
9. Sound cannot travel in vacuum. () 1

C. Answer the following questions in one word or one sentence:

10. What are weeds? 1
11. Give one use of coal gas. 1
12. When a sperm having X chromosome fertilizes the egg, what will be the sex of the child? 1

13. What is pressure? 1

D. Answer the following questions in about 10-20 words:

14. If paddy is sown in the Rabi season, what would happen? Discuss giving two points. 2

15. Why is petroleum called black gold? 2

16. What is metamorphosis? Give two examples. 2

17. Give two examples of situations in which applied force causes a change in the shape of an object. 2

18. Suppose Roko takes pure water in a glass beaker to test whether it conducts electricity. Will it conduct electricity? If not, what should he do to make it conduct electricity? 2

E. Answer the following questions in about 30-40 words:

19. a. Differentiate between sexual and asexual reproduction. 1½+1½=3
Or
b. Differentiate between internal and external fertilization.

20. a. List six changes in the body that take place at puberty. 6×½=3
Or
b. What are sex hormones? Name the male and female sex hormones in human. (1+2=3)

21. What are contact forces? Explain why muscular force is a contact force. 1+2=3

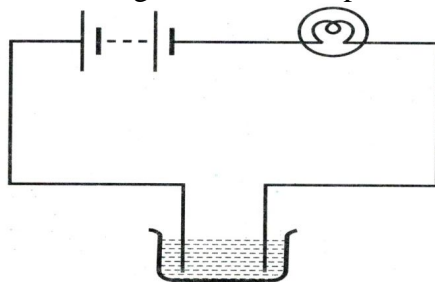
F. Answer the following questions in about 50-60 words:

22. Sketch larynx and explain how sound is produced. 2+2=4

Alternate question for the visually impaired students:

What is noise? List three sources of noise pollution in your locality. (1+3=4)

23. a. What is electroplating? Give three uses of electroplating. 1+3=4
Or
b. The bulb does not glow in the set up shown in the figure given.



List the possible reasons and explain your answer. (2+2=4)

2023
CLASS – VIII (Phase-1)
ENGLISH

Total marks : 40

Time : 1½ hours

General instructions:

- i) Approximately 10 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 13 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: **3x1=3**

- i) Where was Mrs. Macpherson when the author met her?
 - a. Hospital
 - b. Nursing Home
 - c. Old age home
 - d. Bridport
- ii) Ignacious was the manager of a Co-operative Society in
 - a. Tamil Nadu
 - b. Andaman
 - c. Katchall
 - d. Sri Lanka
- iii) In which year did the British conquer the whole of India?
 - a. 1855
 - b. 1856
 - c. 1956
 - d. 1865

Answer the following questions in about 15-20 words: **3x2=6**

2. Who had written the letter to Connie and when? (The Best Christmas Present in the World)
3. What were the warning signs that both Tilly and her mother saw? (The Tsunami)
4. Why did the man stare at Bepin Babu in disbelief? (Bepin Choudhury's Lapse of Memory)

Answer any one of the following questions in about 30-40 words: **1x3=3**

5. a. In what ways did the British officers exploit the Indians?(Glimpses of the Past)
- Or**
- b. Why do Jim and Hans think that games or sports are good ways of resolving conflicts? Do you agree? (The Best Christmas Present in the World)

Answer the following questions in about 50-60 words: **2x4=8**

6. How did the East India Company subdue the Indian Princes? (Glimpses of the Past)
7. Why was Dr. Chanda puzzled? What was unusual about Bepin Babu's loss of memory?

Answer any one of the following questions in about 70-80 words: **1x5=5**

8. a. Mention the various ways in which the British and German soldiers become friends and find things in common at Christmas. (The Best Christmas Present in the World)
- Or**
- b. What are the different ways in which Tilly's parents could have reacted to her behaviour? What would you have done if you were in their place? (The Tsunami)

SECTION –B (Poetry)

9. **Choose the correct answer from the alternatives given:** **2x1=2**

- i) When did the Cricket begin to complain?
 - a. During Summer season
 - b. When he was drenched in the rain
 - c. When he found his cupboard empty
 - d. None of the above

- ii) The Earth has more _____ than _____.
 - a. land, sea
 - b. water, forest
 - c. life, land
 - d. sea, land

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

- 10. What is your opinion of the Ant’s principles? (The Ant and the Cricket)
- 11. Mention two things that are clear from the height. (Geography Lesson)

Answer the following question in about 50 - 60 words: **1x4=4**

- 12. What message is the poet trying to convey about human beings and the earth in the Poem, “Geography Lesson”?

Answer any one of the following questions in about 70-80 words: **1x5=5**

- 13. a. *“At last, by starvation and famine made bold,
All dripping with wet, and all trembling with cold,
Away he set off to a miserly ant,
To see if, to keep him alive, he would grant
Him shelter from rain and a mouthful of grain”*
 - i. Who was suffering from starvation and famine? (1)
 - ii. Why was he dripping with wet? (2)
 - iii. Why did he set off to a miserly ant? (2)
- Or**
- b. What Geography lesson did the poet learn when he flew above the city? (5)
(Geography Lesson)

2023
CLASS – VIII (PHASE –I)
HINDI

Total marks : 40

Time : 1 ½ hours

General Instructions:

- i) Approximately 8 minutes is allotted to read the question paper and revise 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 indicate on the top side.

SECTION – A (LITERATURE)

1. निम्नलिखित प्रश्नों के उत्तर 20-25 शब्दों में लिखिए : 2x2=4
 - क) निबंध वाली घटना के बाद पापा और आविको को कौन सी बात समझ में आ गई ?
 - ख) नानीजी ने सुधाकर काका के सिर पर हाथ क्यों फेरा ?
2. निम्नलिखित प्रश्नों के उत्तर 30-35 शब्दों में लिखिए : 2x3=6
 - क) भारत स्वतंत्र कब हुआ ? वर्तमान काल में हिंदी की क्या स्थिति है ?
 - ख) हमें वनों से क्या क्या मिलता है ? वन महोत्सव पर किस प्रकार के कार्यक्रम किए जाते हैं ?

अथवा

जो साँस हम लेते हैं, उसमें क्या मिली रहती है ?
3. रिक्त स्थानों की पूर्ति कीजिए : 4x1=4
 - क) नर्स ने नानी जी को देखकर में सिर हिलाया और काका को दवा खिलाई ।
 - ख) अस्पताल जाने का यह पहला था ।
 - ग) राजभाषा पर हर नागरिक को गर्व होना चाहिए ।
 - घ) भाषा समाज में का साधन बनती हैं ।
4. खंड 'अ' के अंशा को खंड 'ब' से मिलाइए : 3x1=3

अ	-	ब
1. वन कृषकों के तो	-	वन की अहम भूमिका होती है ।
2. उचित समय पर वर्षा न हो तो	-	प्राण हैं ।
3. स्वच्छ वातावरण के निर्माण में	-	देश में अकाल पड़ जाता है ।
5. निम्नलिखित प्रश्नों के उत्तर 20-25 शब्दों में लिखिए : 2x2=4
 - क) फूलों की सुगंध किन किन के लिए होती है और किसकी मीठे गुंजन के स्वर हमको मिलते हैं?
 - ख) पुष्प किस पथ पर डाले जाने की इच्छा व्यक्त करता है ?

6. रिक्त स्थानों की पूर्ति कीजिए : 2x1=2

क) सबके लिए हमारी, हम श्रृंगार के।

ख) एक हमारा जिसकी, उर की कली खिलाती।

7. सही (✓) गलत (x) का निशान लगाइए : 2x1=2

क) फूल देवताओं के सिर पर चढ़ना चाहता है।

ख) वह वीरों के पथ पर बिछना चाहता है।

SECTION –B (GRAMMAR AND COMPOSITION)

8. निम्नलिखित शब्दों का विलोम शब्द लिखिए : 2x1=2

क) अगली

ख) कसूर

9. निम्नलिखित वाक्यों का प्रयोग वाक्यों में कीजिए : 2x1=2

क) गूँथना

ख) शीश

10. निम्नलिखित शब्दों का वचन बदलिए : 3x1=3

क) किरण

ख) सूत्र

ग) क्यारी

11. निम्नलिखित शब्दों का लिंग बदलकर लिखिए : 2x1=2

क) चाचा

ख) दादा

12. निचे दिए गए शब्दों का अंग्रेजी में अनुवाद कीजिए : 3x1=3

क) कसूर

ख) खास

ग) उपवास

13. निचे दिए गए शब्दों का हिंदी में अनुवाद कीजिए : 3x1=3

क) Parliament

ख) Flower

ग) Emperor

2023
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 each 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) Find the value of x if $2x - 1 = 14 - x$ **1**
(i) 0 (ii) 1 (iii) 3 (iv) 5
- (b) The sum of the measures of the external angles of a polygon is **1**
(i) 180° (ii) 360° (iii) 540° (iv) 720°
- (c) 3 : 4 when expressed as a percentage is **1**
(i) 60% (ii) 65% (iii) 70% (iv) 75%
- (d) The sum of $(ab - bc)$, $(bc - ca)$ and $(ca - ab)$ is **1**
(i) ab (ii) bc (iii) $-ab$ (iv) 0
- (e) The product of the monomials $-4p$ and $7p$ is **1**
(i) $3p$ (ii) $11p$ (iii) $-28p^2$ (iv) $-47p^2$

Section - B

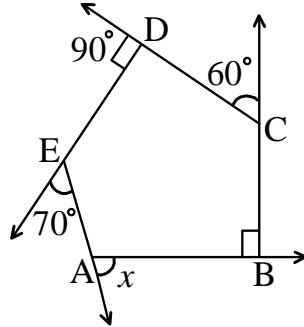
2. Subtract $\frac{-5}{11}$ from $\frac{-1}{9}$ **2**
3. Solve the equation: $6x + 9 = 5x + 3$ **2**
4. Find the smallest whole number by which 252 should be divided so as to get a perfect square. **2**

5. Simplify: $(t + s^2)(t^2 - s)$ 2

Section – C

6. Simplify and solve $x + 7 - \frac{8x}{3} = \frac{17}{6} - \frac{5x}{2}$ 3

7. a. Find x from the following figure:



Or

3

- b. Two adjacent angles of a parallelogram have equal measure. Find the measure of each of the angles of the parallelogram.

8. In a right triangle ABC, $\angle B = 90^\circ$. If $AB = 6$ cm, $BC = 8$ cm, then find AC. 3

9. a. If Chingshen had ₹ 600 left after spending 75% of her money, how much did she have in the beginning?

Or

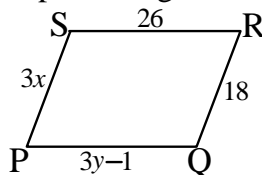
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- b. An article was purchased for ₹ 1239 including GST of 18%. Find the price of the article before GST was added.

10. Simplify $3x(4x - 5) + 3$ and find its values for (i) $x = 3$, (ii) $x = \frac{1}{2}$ 3

Section – D

11. The following figure PQRS is a parallelogram. Find x and y . (Lengths are in cm) 4



12. a. 2025 plants are to be planted in a garden in such a way that each row contains as many plants as the number of rows. Find the number of rows and the number of plants in each row.

Or

4

- b. Find the least number which must be added to 1750 so as to get a perfect square. Also, find the square root of the perfect square so obtained.

13. a. During a sale, a shop offered a discount of 10% on the marked prices of all the items. What would a customer have to pay for a pair of jeans marked at ` 1450 and two shirts marked at ` 850 each?

Or

4

- b. In a laboratory, the count of bacteria in a certain experiment was increasing at the rate of 2.5% per hour. Find the bacteria at the end of 2 hours if the count was initially 5,06,000.

2023

GRAMMAR AND COMPOSITION

Total marks: 40

CLASSVIII (Phase-I)

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 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 makes sense but not complete sense. It has no subject and no predicate.
 - i. Clause
 - ii. Phrase
 - iii. Adverb clause
 - iv. Adverb phrase
- b. A _____ sentence is one that is made up of two or more co-ordinate clauses.
 - i. compound
 - ii. simple
 - iii. complex
 - iv. co-ordinate
- c. I cannot rely on _____ she says.
 - i. it
 - ii. what
 - iii. that
 - iv. who
- d. The first of July was the day _____ the college was opened.
 - i. who
 - ii. when
 - iii. what
 - iv. Where
- e. The boys _____ learning their lessons.
 - i. Had
 - ii. is
 - iii. have
 - iv. are

2. Rewrite the following sentences as directed: 5x1=5

- a. He knows how he could do it. (*Underline the Clause*)
- b. I cannot express _____. (*Complete the sentence by adding a suitable Noun Clause*)
- c. He laughs best who laughs last. (*Pick out the Adjective Clause and state which noun or pronoun in the Principal Clause it qualifies*)
- d. Will you wait till I return? (*Pick out the Adverb Clause and state its kind*)
- e. Do you obey your parents? (*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. She stood first in the class.
- b. I engaged a tutor because I was weak in Mathematics.

4. Underline the Noun Clause in the following sentences: 2x1=2

- a. I want to know how far it is from here.
- b. Pay careful attention to what I am going to say.

5. Add suitable Adjective Clauses in the following sentences: 2x1=2

- a. This is the watch _____.
- b. Do you know someone _____?

6. Underline the Adverb Clauses and state its kind: **2x1=2**

- a. Though he is rich he is not happy.
- b. I shall remain where I am.

7. Change the following sentences from Active to Passive Voice: **2x1=2**

- a. The boys are making much noise.
- b. The wind was blowing the clouds away.

SECTION- B (COMPOSITION)

8. Read the passage and answer the questions given below:

Water is essential for the survival of man. We can go without food for a long time but we cannot live without water even for a few days. The human body is 60 to 70 Percent water. Without water, we would be poisoned to death by the waste products of air. Kidneys flush out uric acid and urea with the help of water. Water is vital for the chemical reaction in the digestion metabolism. It carries nutrients and oxygen to the cells through blood and helps cool the body through perspiration.

By not drinking enough water, people may gain weight. Lack of water decreases the efficiency of the digestive and slackens the functioning of various organs. Proper water intake is the key to weight loss. If people who are trying to lose weight do not drink enough water, their bodies cannot metabolise fat.

The minimum water intake for a healthy person in a day is 30ml per kg of the body weight. More water is needed if you exercise a lot in hot climate. When a person increases his water intake, in the beginning, he may have to visit the bathroom frequently. But with passage of time, his bladder adjusts itself and he urinates less frequently but in larger amounts. So, from today, start drinking more water than you usually consume.

On the basis of your reading of the passage, answer the following questions:

- a. How does water cool the body? **1**
- b. What would happen to the human body without water? **2**
- c. What happens to a person when he increases his water intake? **2**

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

My Shadow

I have a little shadow that goes in and out with me,
And what can be the use of him is more than I can see.
He is very, very like me from the heels up to the head;
And I see him jump before me, when I jump into my bed.

The funniest thing about him is the way he likes to grow.
Not at all like proper children, which is always very slow;
For sometimes he shoots up taller like an India-rubber ball,
And he sometimes gets so little that there's none of him at all.

Fill in the blanks and complete the summary of the poem:

5x1=5

The poet says that he has a little _____ that keeps following him wherever he goes. The shadow's appearance is just like the poet from the toes to the _____. The poet says that his shadow does not grow like _____. He says that his shadow grows like an _____ and sometimes he gets so _____ that there is none of him at all.

10. Write an essay in about 100-150 words on any one of the given topics:

10

- a. Importance of organizing exposure/field trips in school.
- b. My aim in life.
- c. My favourite teacher.

2023
CLASS – VIII (Phase-I)
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 Plassey was fought in the year **1**
 (i) 1750 (ii) 1756
 (iii) 1757 (iv) 1758
- (b) The Battle of Buxar was fought in **1**
 (i) 1747 (ii) 1764
 (iii) 1765 (iv) 1766
- (c) In 1773, _____ Act was passed **1**
 (i) Charter (ii) Regulating
 (iii) Food Adulteration (iv) Equality
- (d) The workers of textile mill lived in **1**
 (i) chawls (ii) bungalows
 (iii) huts (iv) houses
- (e) Fraternity means **1**
 (i) liberty (ii) freedom
 (iii) brotherhood (iv) democratic
- (f) The state in which all religions are treated with equal respect is called **1**
 (i) Sovereign (ii) Secular
 (iii) Republic (iv) Socialist
- (g) The full form of FIR is **1**
 (i) First Investigation Report (ii) Final Investigation Report
 (iii) First Information Report (iv) First Information Rescue

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

- (i) In 1853, railway line between Thane and Bombay was inaugurated. (1)
 (ii) Tea requires well drained loamy soil on plain areas. (1)
 (iii) There is a Chief Justice and 25 other judges in the Supreme Court at present. (1)

- b. Answer the following questions in one word or one sentence not exceeding 15 words:** **1x3=3**
- (i) What was the Doctrine of Lapse? (1)
 - (ii) What is meant by colonialism? (1)
 - (iii) Mention any two types of industries on the basis of ownership. (1)
- 3. Answer the questions in about 20-30 words:** **2x5=10**
- (i) Briefly explain the Mahalwari System. (2)
 - (ii) What was the immediate cause of the Revolt of 1857? (2)
 - (iii) What is agriculture? (2)
 - (iv) Write a short note on small scale industries. (2)
 - (v) What is the role of courts? (2)
- 4. Answer any three questions in about 35-45 words.** **3x3=9**
- (i) Why were the Indian states easily defeated by the British? (3)
 - (ii) Write any three provisions of the Pitt's Act. (3)
 - (iii) Distinguish between Subsistence farming and Commercial farming. (3)
 - (iv) List any three Fundamental Rights given in the Indian Constitution. (3)
- 5. Answer any two questions in about 50-70 words.** **4x2=8**
- (i) Write a note on Civil Services by the British to rule Indian territories. (4)
 - (ii) Describe any two factors which led to the decline of Indian handicrafts in the 19th century. (4)
 - (iii) What were the causes of the failure of the Revolt of 1857. (4)
