

**2022**  
**CLASS - VIII (Phase-II)**  
**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 10 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) The author was allowed to meet Stephen Hawking for \_\_\_\_\_.
  - a. one hour
  - b. half an hour
  - c. two hours
  - d. ten minutes
- ii) Every time he spoke to the scientist, the writer felt guilty because
  - a. he forced the scientist to use his voice synthesiser
  - b. he wasn't sure what he wanted to ask
  - c. he was face to face with a legend
  - d. he was like a still photograph
- iii) The Great Stone Face was a work of nature formed from \_\_\_\_\_.
  - a. stone
  - b. soil
  - c. rocks
  - d. trees
- iv) Who gave the people of the valley the idea that the prophecy was about to come true for the first time?
  - a. Gathergold
  - b. Blood and Thunder
  - c. The poet
  - d. Ernest
- v) The poet realised that Ernest's thoughts were far \_\_\_\_\_ than his own verses.
  - a. wiser
  - b. clever
  - c. better
  - d. nobler

**Answer any one of the following questions in about 15-20 words: 1x2=2**

2. a. What did young Ernest wish when he gazed at the Great Stone Face?

**Or**

- b. What is the scientist's message for the disabled? (A Visit to Cambridge)

**Answer the following questions in about 30-40 words: 3x4=12**

- 3. The writer expresses his great gratitude to Stephen Hawking. What is the gratitude for?
- 4. Why did the author refer to the guitar incident? Which idea does it support? (A Visit to Cambridge)
- 5. What made people believe that General Blood and Thunder was their man? Ernest compared the man's face with the Stone Face. What did he conclude?

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

6. a. Why did the poet think that Ernest was the Stone Face? (5)

**Or**

- b. “Before you, like a lantern whose walls are worn so thin you glimpse only the light inside, is the incandescence of a man.” (A Visit to Cambridge)
  - i. If ‘the lantern’ is the man, what could its ‘walls’ be? (1)
  - ii. What is housed within the thin walls? (1)
  - iii. What general conclusion does the writer draw from this comparison? (3)

**SECTION –B (Poetry)**

7. **Choose the correct answer from the alternatives given:** **5x1=5**
- i) The fair maid wanted to hire the poet with \_\_\_\_\_.
    - a. gold
    - b. power
    - c. a smile
    - d. wealth
  - ii) Who came first to hire the man?
    - a. The king
    - b. The fair maid
    - c. The old man
    - d. The child
  - iii) The poem, “The Last Bargain” is written by
    - a. Rabindranath Tagore
    - b. John Keats
    - c. William Blake
    - d. William Shakespeare
  - iv) The boy does not like going to school in \_\_\_\_\_.
    - a. autumn
    - b. winter
    - c. spring
    - d. summer
  - v) ‘A cruel eye outworn’ refers to
    - a. the classroom which is shabby/noisy
    - b. the lessons which are difficult/uninteresting
    - c. the dull/uninspiring life at school with lots of work and no play
    - d. none of the above

**Answer any one of the following questions in about 15-20 words:** **1x2=2**

- 8. In the poem, “The Last bargain”, find lines that match the following:
  - a. The kings might was not worth much.
  - b. I have nothing to give you except goodwill and cheer.

**Or**

What makes the school boy unhappy?

**Answer any one of the following questions in about 30-40 words:** **1x4=4**

- 9. Why does the poet compare himself to a bird in a cage or a plant that withers when it should blossom? (The School Boy)

**Or**

What is the speaker’s last bargain and why does he call it the best?

**Answer the following questions in about 40-50 words:** **1x5=5**

- 10. *He pondered and said, “I will hire you with my money”. He weighed his coins one by one, but I turned away.* (The Last Bargain)
  - a. Who is ‘he’ referred to here? (1)
  - b. What did he offer the man? (1)
  - c. Why did the man turn down the offer? (3)

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**2022**  
**CLASS – VIII (Phase-II)**  
**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 most common carrier of communicable diseases is **1**
  - (i) ant
  - (ii) housefly
  - (iii) dragonfly
  - (iv) spider
  
- b. Wildlife and forests should be conserved **1**
  - (i) to preserve biodiversity
  - (ii) to prevent extinction of endangered species
  - (iii) to maintain ecological balance
  - (iv) all of the above
  
- c. The number of nuclei present in a zygote is **1**
  - (i) one
  - (ii) two
  - (iii) four
  - (iv) six
  
- d. Which of the following cannot be changed easily by friction? **1**
  - (i) A plastic scale
  - (ii) A copper rod
  - (iii) An inflated balloon
  - (iv) A woollen cloth
  
- e. Angle of incidence is equal to the angle of reflection. **1**
  - (i) Always
  - (ii) Sometimes
  - (iii) Under special conditions
  - (iv) Never

**2. Fill in the blanks:**

- a. \_\_\_\_\_ is a metal which is found in liquid state at room temperature. 1
- b. The lowest temperature at which a substance catches fire is called its \_\_\_\_\_ . 1
- c. Friction opposes the \_\_\_\_\_ between the surfaces in contact with each other. 1
- d. The passage of an electric current through a solution causes \_\_\_\_\_ effects. 1

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

- 3. Define malleability. 1
- 4. Give any two examples of endangered animals. 1
- 5. What is drag? 1
- 6. Mention whether regular or diffused reflection will take place when a beam of light strikes-  
(i) polished wooden table                      (ii) cardboard surface 1

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

- 7. What are the consequences of deforestation? Give two points. 2
- 8. Write two differences between a zygote and a foetus. 2
- 9. Give an example each to show that friction is both a friend and a foe. 2
- 10. Suggest two measures to protect ourselves from lightning. 2
- 11. What is the angle of incidence of a ray, if the reflected ray is at an angle of  $90^\circ$  to the incident ray? 2

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

- 12. What are antibiotics? Mention two precautions that must be taken while taking antibiotics. 1+2=3
- 13. a. Explain the three different types of combustion. 3  
**Or**  
b. Explain how CO<sub>2</sub> is able to control fires.

14. a. Draw a labelled diagram to show the process of metamorphosis in frog.

**Or**

b. Draw a labelled diagram to show the binary fission in amoeba.

**3**

**Alternate question for the visually impaired students:**

Describe two methods of asexual reproduction in animals.

(1½+1½=3)

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

15. a. What happens when-

(i) Diluted sulphuric acid is poured on a copper plate?

(ii) Iron nails are placed in copper sulphate solution?

Write word equations of the reactions involved.

**2+2= 4**

**Or**

b. Give reasons for the following-

(i) Aluminium rods are used to wrap food items.

(ii) Immersion rods for heating liquids are made up of metallic substances.

(iii) Copper cannot displace zinc from its salt solution.

(iv) Sodium and potassium are stored in kerosene.

(1×4=4)

16. Explain the process of electroplating with the help of a labelled diagram. **2+2=4**

**Alternate question for the visually impaired students:**

What is electroplating? Explain giving three examples why electroplating is a useful process.

(1+3=4)

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**2022**  
**CLASS-VIII (Phase-II)**  
**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 ratio of the speed of a cycle 15 km per hour to the speed of scooter 30 km per hour is **1**  
 (i) 2 : 1                      (ii) 1 : 2                      (iii) 3 : 1                      (iv) 1 : 3
- (b) The total surface area of a cylinder of radius  $r$  and height  $h$  is **1**  
 (i)  $2\pi r(r+h)$  sq. unit                      (ii)  $2\pi r(r+h)$  cubic unit  
 (iii)  $2\pi rh$  sq. unit                      (iv)  $\pi r^2 h$  cubic unit
- (c) The height of a cuboid whose base area is  $180 \text{ cm}^2$  and volume is  $900 \text{ cm}^3$  would be **1**  
 (i) 2 cm                      (ii) 3 cm                      (iii) 4 cm                      (iv) 5 cm
- (d) 1 micron =  $\frac{1}{1000000}$  m can be expressed as **1**  
 (i)  $1 \times 10^5$  m                      (ii)  $1 \times 10^{-5}$  m                      (iii)  $1 \times 10^6$  m                      (iv)  $1 \times 10^{-6}$  m
- (e)  $x$  and  $y$  are in direct proportion if **1**  
 (i)  $xy = k$                       (ii)  $x + y = k$                       (iii)  $\frac{x}{y} = k$                       (iv)  $x - y = k$

**Section – B**

2. Find the smallest number by which the number 243 must be divided to obtain a perfect cube. **2**

3. Using Euler's formula, find the unknown. 2

Faces	Vertices	Edges
5	?	9

4. Factorise:  $x^2 + xy + 8x + 8y$  2
5. If 21y5 is a multiple of 9, where y is a digit, what is the value of y? 2

### Section – C

6. a. The price of a TV is ₹ 13,000. The sales tax charged on it is at the rate of 12%. Find the amount that Vinod will have to pay if he buys it.

**Or** 3

- b. Calculate the amount and compound interest on ₹ 10800 for 3 years at  $12\frac{1}{2}\%$  per annum compounded annually.

7. Find the value of  $\left(\frac{1}{2}\right)^{-2} + \left(\frac{1}{3}\right)^{-2} + \left(\frac{1}{4}\right)^{-2}$  3

8. a. A loaded truck travels 14 km in 25 minutes. If the speed remains the same, how far can it travel in 5 hours?

**Or** 3

- b. A contractor estimates that 3 persons could rewire Jasminder's house in 4 days. If he uses 4 persons instead of three, how long should they take to complete the job?

9. a. Factorise :  $(l+m)^2 - (l-m)^2$

**Or** 3

- b. Factorise :  $x^4 - (x-z)^4$

10. Draw the graph for the table given below using suitable scales on the axes. 3

<b>No. of apples</b>	1	2	3	4	5
<b>Cost (in ₹)</b>	5	10	15	20	25

**Section – D**

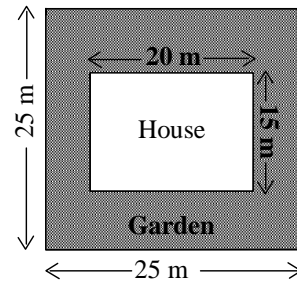
11. **a.** If 60% people in a city like cricket, 30% like football and the remaining like other games, then what per cent of the people like other games? If the total number of people is 50 lakh, find the exact number who like each type of game.

**Or**

**4**

- b.** A scooter was bought at ₹ 42,000. Its value depreciated at the rate of 8% per annum. Find its value after one year.

12. Mrs. Sonia has a square plot with the measurement as shown in the figure. She wants to construct a house in the middle of the plot. A garden is developed around the house. Find the total cost of developing a garden around the house at the rate of ₹ 55 per m<sup>2</sup>.



**4**

13. **a.** The lateral surface area of a hollow cylinder is 4224 cm<sup>2</sup>. It is cut along its height and formed a rectangular sheet of width 33 cm. Find the perimeter of rectangular sheet?

**Or**

**4**

- b.** A rectangular piece of paper 11 cm × 4 cm is folded without overlapping to make a cylinder of height 4 cm. Find the volume of the cylinder.

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

Total marks : 40

Time : 1½ hours minutes

**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) *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 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) Pioneer of modern Indian Art **1**  
(i) Raja Ravi Varma (ii) Subhash Chandra Bose  
(iii) Rabindranath Tagore (iv) Amrita Shergill
- (b) Biological disaster is referred as 'Poor man \_\_\_\_\_ Bomb' **1**  
(i) nuclear (ii) hydrogen  
(iii) atom (iv) nitrogen
- (c) In earlier times, the Indian society was divided into four castes on the basis of their **1**  
(i) birth (ii) wealth  
(iii) profession (iv) none of these
- (d) The Untouchability (Offences) Act was passed in the year **1**  
(i) 1988 (ii) 1977  
(iii) 1966 (iv) 1955
- (e) Man-made lake, Govind Sagar is associated with **1**  
(i) Damodar Valley Project (ii) Hirakud Project  
(iii) Bhakra Nangal Project (iv) Nagarjuna Sagar Project

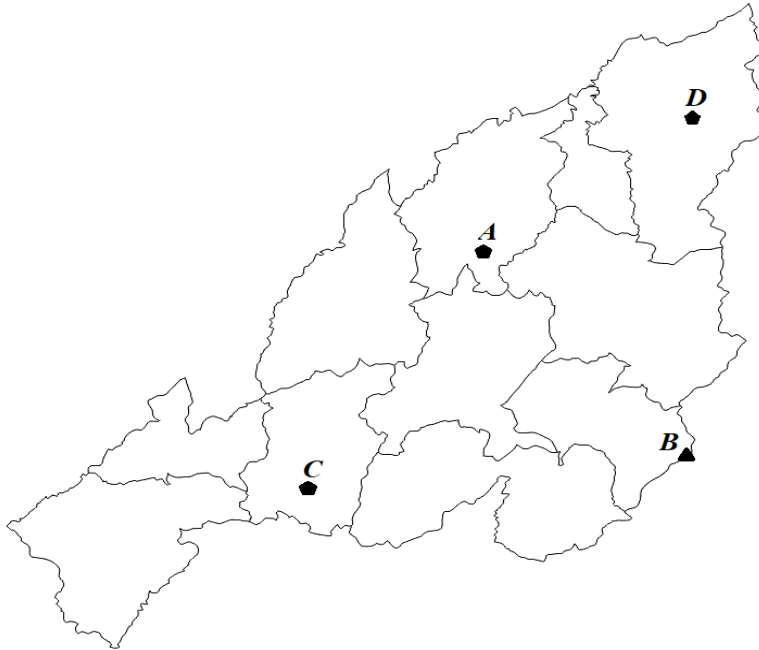
**2.a. State whether the following statements are true or false : **1x3=3****

- (i) Widow remarriage was not prohibited in the Indian society. **(1)**
- (ii) The people who were treated as 'Untouchables' by Indian societies, now call themselves, Dalits. **(1)**
- (iii) After independence, there were only two major units for delivering iron and steel. **(1)**

- b. Answer the following questions in one word or one sentence not exceeding 15 words:** **1x3=3**
- (i) What are floods? (1)
  - (ii) What is child labour? (1)
  - (iii) Write one measure to control price-rise. (1)
- 3. Answer the questions in about 20-30 words:** **2x4=8**
- (i) Mention one point which shows that there were development in art. (2)
  - (ii) Differentiate between population distribution and population density. (2)
  - (iii) What is volcanic eruption? (2)
  - (iv) Mention any two steps taken by the government to reduce poverty. (2)
- 4. Answer any three questions in about 35-45 words.** **3x3=9**
- (i) Write a brief note on the role played by Bhim Rao Ambedkar for the upliftment of Indian society . (3)
  - (ii) Describe the relation between India and Bhutan. (3)
  - (iii) What were the factors that influence the rise of Naga Nationalism for the first time? (3)
  - (iv) Why is population of a country considered as an important resource? (3)
- 5.a. Answer any two questions in about 50-70 words.** **4x2=8**
- (i) Write a note on making of the new Constitution of India. When did it come in effect? (3+1=4)
  - (ii) Briefly explain the events that led to the signing of the Shillong Accord in 1975. (4)
  - (iii) Mention any two steps taken by the government for the welfare of the minorities. (4)

5.b. On the given political map of Nagaland, four features A, B, C, D have been indicated. Identify these features with the help of the information mentioned below and write their correct names against their letters. **4**

- i) Kohima
- ii) Mokokchung
- iii) Mon
- iv) Mt. Saramati



**Note : This question is in lieu of Q5.b. for visually impaired candidates only.**

5.b. Match the columns :

- | <u>Column A</u>   | <u>Column B</u>          |
|---|--------------------------|
| i) It divides the watershed of the Brahmaputra and the Chindwin | a) Barail Mountain Range |
| ii) It has a mini-cement plant                                  | b) Dhansiri river        |
| iii) The only mountain range which runs in east-west direction  | c) Middle Mountain Range |
| iv) River which forms boundary between Nagaland and Assam       | d) Patkai Mountain Range |
|   | e) Lanye river           |

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**2022**  
**CLASS - VIII (Phase II)**  
**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 11 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 शब्दों में लिखिए: 3x2=6
  - क) डॉ. टी. आओ की बचपन से किसमें रुचि थी ? कोलकाता में पढ़ाई करते हुए वे किस क्लब के सदस्य बन गए ?
  - ख) सौराष्ट्र के समुद्र तट पर नमक सबसे अधिक क्यों बनाया जाता है ?
  - ग) वरदराज को क्यों लगता है कि वह एक फिसड्डी बालक है?
2. निम्नलिखित प्रश्नों के उत्तर 30-35 शब्दों में लिखिए: 2x3=6
  - क) वरदराज की कुएँ के पत्थर से रगड़ खाती रस्सी से कैसी सीख मिलती है ?
  - ख) भारत में खेले जाने वाले खेलों के नाम लिखिए ।  
‘अथवा’ OR  
जुम्मन का फैसला सुनकर लोगों को कैसा लगा ?
3. रिक्त स्थानों की पूर्ति कीजिए: 2x1=2
  - क) फुटबॉल का खेल सभी खेलों में \_\_\_\_\_ खेल है ।
  - ख) डॉ. टी. आओ का नाम खेल-कुद की दुनिया में सदा \_\_\_\_\_ किया जाएगा ।
4. कोष्ठक से सही शब्द चुनकर वाक्य पूरे कीजिए- 2x1=2
  - क) बैल बहुत \_\_\_\_\_ हो गया और एक ही महीने के अन्दर मर गया। ( कमजोर / मोटा)
  - ख) अलगू के पास खेत जोतने के लिए ----- की एक जोड़ी थी ( गायों / बैलों)
5. सही (✓) और गलत (✗) का निशान लगाइए- 3x1=3
  - क) बरसात में नमक की खेती ठप्प हो जाती है ( )
  - ख) हमारे देश में अधिकांश नमक खोदकर निकाला जाता है। ( )
  - ग) नमक हमारे लिए बहुत जरूरी चीज है। ( )
6. निम्नलिखित प्रश्नों के उत्तर 20-25 शब्दों में लिखिए- 1x2=2
  - क) कवि के अनुसार हमें अपने आपको कैसा समझना चाहिए ?

7. कोष्ठक से उचित शब्द चुनकर खाली जगह भरिए- 4X1=4
- क) हम सब जगदीश्वर के ——— घर के है। (अपने / पराये)
- ख) मानव को निराश ——— चाहिए। (नहीं होना / होना )
- ग) जगदीश्वर के लोगों को कोई भी कम ——— नहीं। (सुलभ / दुर्लभ)
- घ) मनुष्य को अपनी योग्यता का ध्यान ——— चाहिए। (रखना / नहीं रखना)

**SECTION - B ( Grammar & Composition)**

8. निम्नलिखित शब्दों से उपसर्ग अलग करके लिखिए - 2X1=2
- क) अवशेष =
- ख) अनुचर =
9. निम्नलिखित शब्दों के पर्यायवाची शब्द लिखिए - 3X1=3
- क) समुद्र =
- ख) पहाड़ =
- ग) नमक =
10. निम्नलिखित वाक्यों को शुद्ध कीजिए: - 4X1=4
- क) बगीचे में बीचों बीच एक आम का पेड़ था।
- ख) वह हर प्रतिदिन स्कूल जाती है।
- ग) आरेन गहरी नींद में उठ गई।
- घ) आज मुझे बाजार जाऊँगी।
11. जन्म - दिन पर बुलाने हेतु निमंत्रण पत्र लिखिए। 6
- ‘अथवा’ (Or )
- जल आपूर्ति कराने के लिए आवेदन पत्र लिखिए।

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Total number of printed pages: 2

NB-/E/GC/1

2022

**GRAMMAR AND COMPOSITION**

Total marks: 40

**CLASS VIII (Phase-II)**

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. It is still \_\_\_\_\_ outside.
  - i. rain
  - ii. rainings
  - iii. raining
  - iv. rains
- b. He \_\_\_\_\_ that he would undertake the job.
  - i. decide
  - ii. decided
  - iii. decides
  - iv. was deciding
- c. I \_\_\_\_\_ come even if it rains.
  - i. shall
  - ii. wouldn't
  - iii. be
  - iv. should
- d. Something which is given in return for a favour or a job well done.
  - i. Descent
  - ii. Credible
  - iii. Reward
  - iv. Deserve
- e. I \_\_\_\_\_ at clock tower and walk to my shop everyday.
  - i. get away
  - ii. get off
  - iii. get up
  - iv. get on

**2. Rewrite the sentences as directed:**

**5x1=5**

- a. The coffee we are drinking is very bitter. (State whether the sentence is Simple Present Tense or Present Continuous Tense)
- b. I wish I had accepted the offer. (State whether the sentence is Simple Past Tense or Past Perfect Tense)
- c. They will be spending the summer in Kulu. (State whether the sentence is Future Perfect or Future Continuous Tense)
- d. He fell down from the \_\_\_\_\_. (Insert the correct Phrasal Verb)
- e. I \_\_\_\_\_ (break the ice/broke the news) of Mona's accident to her fiancée. (Choose the correct words from the bracket)

**3. Punctuate the sentence given below:**

**4x½=2**

- a. no it cannot be done said the officer

**4. Fill in the blanks with Present Perfect Tense of the verbs given in the brackets: 2x1=2**

- a. Malaria \_\_\_\_\_ (break) out in the city.
- b. I \_\_\_\_\_ (see) many ups and downs of life.

**5. Fill in the blanks using Past Continuous Tense of the verbs given in the brackets: 2x1=2**

- a. We \_\_\_\_\_ (have) our lunch when the postman \_\_\_\_\_ (knock).
- b. Mother \_\_\_\_\_ (cook) food when I \_\_\_\_\_ (reach) home.

- 6. Fill in the blanks using Future Perfect Tense of the verbs given in the brackets: 2x1=2**  
a. I expect that she \_\_\_\_\_ (change) her mind by now.  
b. By the time I arrive, you \_\_\_\_\_ (finish) reading your book.

- 7. Insert the correct idiomatic expression: 2x1=2**  
a. You will \_\_\_\_\_ if you do not serve your aged parents. (come to grief/fall short of)  
b. It is no use building \_\_\_\_\_. (crocodile tears/castles in the air).

**SECTION- B (COMPOSITION)**

- 8.** You have found a set of six fluorescent pens near the water dispenser in your school. Write a notice in not more than 50 words to be put up in the school notice board about the items and inform the owner to collect them from you. You are John of Class VIII in New Public School, Tuensang. Add other necessary details. **5**
- 9.** Write a message in about 50 words informing your friend that you will not be able to attend his/her Birthday party.

**Or 5**

Your uncle has been blessed with a baby girl. Share your happiness at having a little sister by writing an email to your friend at Sunaina.kwatra@gmail.com. Mention how thrilled you were on seeing the new born baby.

- 10.** Write a letter to your younger brother advising him to work hard and take interest in his studies. **10**

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