

1. Read the passage and answer the questions that follow.

### A TIGER IN THE CITY

It was still a busy hour in the city when I entered Market Road. People ran for their lives at sight of me. As I passed through, shutters were pulled down, and people hid themselves under culverts, on trees, and behind pillars. The population was melting out of sight. At the circus I had had no chance to study human beings. They had sat in their seats peacefully while I cowered before Captain's whip. I got a totally wrong idea of human beings at that angle. I had thought that they were strong and fearless. But now I found them running from me like a herd of deer, although I had no intention of attacking them. When I paused in front of a tailor's shop, he abandoned his machine and shut himself up in a cupboard, wailing, "Alas! I am undone; won't someone shoot the tiger?"

Answer the following questions.

1. In this passage what does / stand for?
  2. At the circus how the narrator got a wrong idea of human beings?
  3. Why the population was melting out of sight?
  4. What happened when he stopped in front of a tailor's shop?
  5. The words '*abandoned*' and '*cowered*' means \_\_\_\_\_
2. You are Vijay. You noticed a six-year-old boy drowning while trying to pick out coconuts from the river. You dived into the river and rescued the drowning boy risking your own life. Write a diary entry in about 50 words expressing your reactions and feelings.
  3. The traffic situation in Delhi is quite complex. There are all sorts of vehicles from bullock carts to fast moving cars. Then there are processions/protest marches and traffic diversions in the name of VIP security. Write an article in 100 words for your school magazine on 'Improving the Chaotic Traffic Conditions of Delhi.'
  4. Your school principal is a popular figure among students, teachers, parents and other members of the society. Write a brief description of his personality, highlighting his qualities. (80 words)

**5. Read the conversation between a shopkeeper and a customer. Then complete the following in reported speech by choosing from the options given below:**

*Shopkeeper* : What would you like to have, madam?

*Customer* : A saree.

*Shopkeeper* : Which one do you like-silk or synthetic?

*Customer* : Neither. Give me a plain cotton one.

The shopkeeper asked the customer politely (a)..... The customer replied (b)..... The shopkeeper inquired (c).....—silk or synthetic. The lady told him that she didn't like either. Then she told the shopkeeper (d).....one.

**6. Complete the passage given below by choosing the correct alternative.**

**Chamoli:** The massive earthquake, which rocked this hilly region on 28 March 1999, (a)..... (is, was, has) left behind endless misery and suffering. People's houses have collapsed and those (b)..... (which, that, who) were still erect may fall any time. Hundreds of people (c)..... (is, have, are) died there and the survivors are left to live in the hilly tracks (d)..... (or, otherwise, and) in their cowsheds. They are afraid to sleep (e).....(down, under, upon) the roof, they once called their home. Though the government sanctioned crores (f)..... (on, from, for) the relief work, it is said that very little actually trickled down.

**7. Look at the words and phrases below. Rearrange them to form meaningful sentences. Write the correct sentences in your answer sheet.**

**Example:** one/fell/day/a/farmer's/well/donkey/into/down/a  
One day a farmer's donkey fell down into a well.

- (a) the/farmer/know/to/didn't/do/cried/animal/the/and/what
- (b) invited/he/neighbours/all/help/his/to/him
- (c) what/donkey/the/didn't/at first/realize/was/happening

**8. In the passage given below one word has been omitted in each line. Write the missing word along with the word that comes before and the word that comes after it in your answer sheet against the correct blank number. Ensure that the word that forms your answer is underlined. The first one is done as an example.**

A boy drowning in a river  
and he shouted help. A  
man passing jumped into the  
river and saved his life. As man  
was leaving, the boy him.  
The man asked him reason.  
The boy him for saving his life.  
The man replied, "Make sure that you  
grow up, your life was worth saving'.

- e.g. boy was drowning
- (a) .....
  - (b) .....
  - (c) .....
  - (d) .....
  - (e) .....
  - (f) .....
  - (g) .....

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प्रश्न 1— निम्नलिखित गद्यांश को पढ़कर प्रश्नों के उत्तर दीजिए—

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लोकगीत अपनी लोच, ताजगी और लोकेप्रियता में शास्त्रीय संगीत से भिन्न है। यह सीधे जनता का संगीत है। यह घर, गाँव व नगर की जनता का गीत है। इसके लिए साधना की आवश्यकता नहीं होती। त्योहारों तथा विशेष अवसरों पर यह गाया जाता है। इसके रचनाकार अधिकतर गाँव के निवासी होते हैं। स्त्रियों ने इसकी रचना में विशेष योगदान दिया है। यह बाजों के बिना पही या साधारण ढोलक, झाँझ, बाँसुरी, करताल आदि की सहायता से गाया जाता है। एक समय था, जब शास्त्रीय संगीत के सामने इसे हेय समझा जाता था, परंतु साधारण जनता की ओर, जब से लोगों की नज़र हुई, तब से कला और साहित्य के क्षेत्र में भी परिवर्तन हुआ है। अनेक लोगों ने विविध बोलियों के लोकसाहित्य और लोकगीत के संग्रह के लिए कर्म कस ली और इस प्रकार के अनेक संग्रह अब तक प्रकाशित भी हो गए हैं।

प्रश्न-1

- 1-लोकगीत व शास्त्रीय संगीत एक दूसरे से भिन्न कैसे हैं?
- 2-लोकगीत कब गाए जाते हैं तथा इस के रचनाकार कौन हैं?
- 3-लोकगीत किन-किन वाद्य यंत्रों की सहायता से गाये जाते हैं?
- 4-लोकगीत किस का गीत है तथा इस की लोकप्रियता का क्या कारण है?
- 5-गद्यांश का उचित शीर्षक दीजिए

प्रश्न 2—दिए गए विषय पर 150 शब्दों में अनुच्छेद लिखिए—प्रदूषण व उससे होने वाली हानियाँ व उसका निवारण— 7

प्रश्न 3—पत्र—आपकी पास—बुक खो गई है। इसकी सूचना देते हुए बैंक अधिकारी को पत्र लिखिए। 5

प्रश्न 4—निर्देशानुसार वाक्य परिवर्तन कीजिए— 4

- 1—चित्रा खाना खा रही है। भविष्यत्काल .....
- 2—तितली फूलों पर मंडरा रही थी। वर्तमान काल .....
- 3—विद्यार्थी कक्षा में पढ़ेंगे। भूत काल .....
- 4—आकाश में बिजली चमक रही है। भविष्यत्काल .....

प्रश्न 5—निम्नलिखित मुहावरों को वाक्यों में प्रयोग कीजिए— 4

- 1—एक अनार सौ बीमार — .....
- 2—उलटा चोर कोतवाल को डॉटें— .....
- 3—नौ दो ग्यारहा होना— .....
- 4—नाको चने चबाना— .....

प्रश्न 6—रेखांकित शब्दों के कारक बताइए— 5

- 1—बच्ची गुड़िया से खेल रही थी।
- 2—पुलिस ने अपराधी को पकड़ा।
- 3—स्टेशन से गाड़ी छूट गई।
- 4—आकाश में पक्षी उड़ रहे हैं।

प्रश्न 7—निम्नलिखित शब्दों के दो-दो पर्यायवाची लिखिए— 5

- 1— अतिथि—.....
- 2— इच्छा—.....
- 3— पृथ्वी—.....
- 4— आकाश—.....
- 5— मित्र—.....

प्रश्न 8— निम्नलिखित शब्दों के विलोम शब्द लिखिए— 5

- 1— ऐच्छिक .....
- 2— कृतज्ञ.....
- 3— चंचल.....
- 4— राजा.....
- 5— दुर्जन.....

प्रश्न 9—निम्नलिखित वाक्यांशों के लिए एक शब्द लिखिए— 5

- 1—जो वर्ष में एक बार आता हो .....
- 2—जिसमें जानने की इच्छा हो .....
- 3—जो उपकार न माने .....
- 4—जिसका अंत न हो .....
- 5—जो ज्यादा बोलता हो .....

.....

**SECTION A [5X1]**

Choose the correct option for the following:

1. The value of  $\left\{\left(\frac{2}{3}\right)^2\right\}^{-2}$  is
 

a) $\frac{81}{16}$	b) $\frac{16}{81}$	c) $\frac{-4}{9}$	d) $\frac{9}{-4}$
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2. Which of the following cannot be the unit digit of a perfect square number?
 

a) 6	b) 1	c) 9	d) 8
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3. If  $x - \frac{1}{x} = 6$ , then  $x^2 + \frac{1}{x^2} = ?$ 

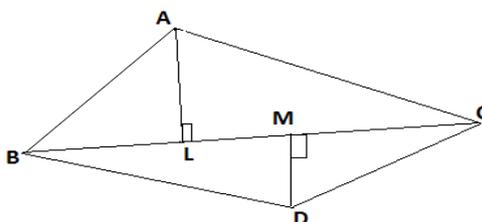
a) 36	b) 38	c) 32	d) $36\frac{1}{36}$
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4.  $2x - 32x^3 = ?$ 

a) $2(x-4)(x+4)$	b) $2x(1-2x)^2$	c) $2x(1+2x)^2$	d) $2x(1-4x)(1+4x)$
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5. The maximum length of a pencil that can be kept in a rectangular box of dimensions 12cm X 9cm X 8cm is
 

a) 13cm	b) 17cm	c) 18cm	d) 19cm
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**SECTION B [5X3]**

6. Find the product:  
 $(x^3 - 5x^2 + 3x + 1) \times (x^2 - 3)$
7. Solve:  
 $\frac{2x+7}{5} - \frac{3x+11}{2} = \frac{2x+8}{3} - 5$
8. What percent of 150 is 96?
9. In the given figure, ABCD is a quadrilateral – shaped field in which diagonal BC is 36 m,  $AL \perp BC$  and  $DM \perp BC$  such that  $AL=19\text{cm}$  and  $DM=11\text{cm}$ . find the area of the field.



10. A and B together can do a piece of work in 12 days, while B alone can finish it in 30 days. In how many days can A alone finish the work?

**SECTION C [5X4]**

11. Find the value of :  
 $\left(\frac{5}{3}\right)^{-4} \times \left(\frac{3}{5}\right)^5 = \left(\frac{5}{3}\right)^{3x}$
12. The sum of the digits of a two - digit number is 12. If the new number formed by reversing the digits is greater than the original number by 54, find the original number.
13. A rectangular vessel 22cm by 16cm by 14cm is full of water. If the total water is poured into an empty cylindrical vessel of radius 8cm, find the height of the water in the cylindrical vessel.

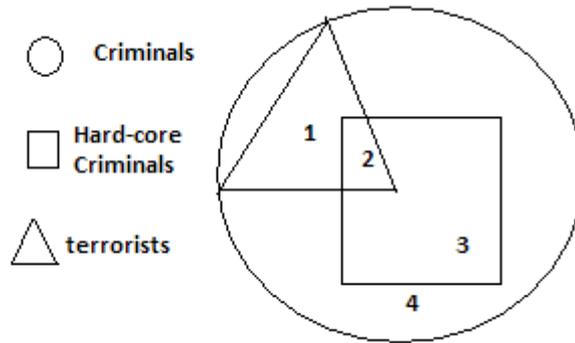
14. Find the compound interest on Rs. 6400 for 2 years, compounded annually at  $7\frac{1}{2}\%$  per annum.

15. Factorize:  
 $3x^2 - 10x + 8$

**SECTION D [5X1]**

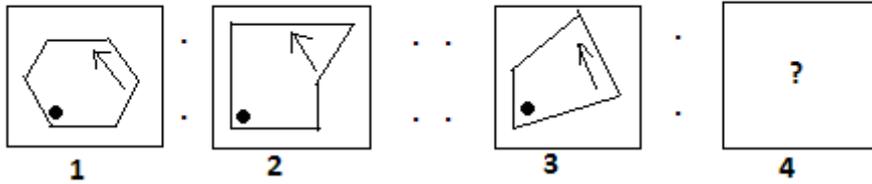
16. Terrorists who are not hard-core criminals are represented by \_\_\_\_\_.

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



17. The relationship in the first set (1, 2) of the problem figures is given. Based on the same relationship find the suitable figure from answer figures to fit in the blank space of second set (3 and 4).

**Problem Figures**



18. Find out the correct letter pair from the options, to denote the same relationship among the group of letters as established between the sets given below.

RT: WZ:: \_\_\_\_\_:\_\_\_\_\_

- a) AC:RU
- b) AB:PW
- c) PR:LM
- d) TU:WX

19. K is brother of N and X, Y is the mother of N, and Z is the father of K, which of the following statement is not definitely true?

- a) K is the son of Z
- b) Y is the wife of Z
- c) X is the son of Y
- d) Z is the father of X.

20. John is  $n$  years older than his sister. His sister's age is 12. What is their total age after 4 years?

- a)  $28n$  years
- b)  $24n$  years
- c)  $(32+n)$  years
- d)  $(28+n)$  years

\_\_\_\_\_

Q1 Define (any five)

- |                          |                  |               |
|--------------------------|------------------|---------------|
| 1. Electrolysis          | 2. Afforestation | 3. Pressure   |
| 4. Inflammable Substance | 5. Winnowing     | 6. Dispersion |

Q2 Fill in the blanks.

1. Seeds require \_\_\_\_\_ and \_\_\_\_\_ for germination.
2. When a group of cells comes together for a function, they are called \_\_\_\_\_.
3. In SI system the unit of pressure is \_\_\_\_\_.
4. \_\_\_\_\_ surface is better absorber of sound.
5. \_\_\_\_\_ charges repel whereas \_\_\_\_\_ charges attract.
6. Conventional current flows from \_\_\_\_\_ to \_\_\_\_\_ terminal.
7. The angle of \_\_\_\_\_ is equal to angle of refraction.

Q3 Differentiate between.

1. Manure / Fertilization.
2. Cations / Anions
3. Concave lens / Convex lens.
4. Malleability / Ductility.
5. Thermoplastics / thermosetting plastic.

Q4 Complete the following and balance.

1.  $\text{Mg} + \text{H}_2\text{SO}_4 \rightarrow$
2.  $2\text{Al} + 3\text{H}_2\text{O} \rightarrow$
3.  $\text{Mg} + \text{CuSO}_4 \rightarrow$
4.  $2\text{Na} + 2\text{H}_2\text{O} \rightarrow$
5.  $4\text{Na} + \text{O}_2 \rightarrow$

Q5 Give reason why.

1. Why does a match stick burn on rubbing at the side of the match box?
2. Trucks meant to carry heavy loads have eight tires in place of four.
3. It is difficult to work on ice.
4. Buildings with lightning conductors are safe.
5. A stick placed in a bucket filled with water appears to be bent.

Q6 Multiple choice questions

- I. Nonmetals are elements which form negative ions by \_\_\_\_\_.  
a. losing protons.                      b. gaining electrons  
c. losing electrons                      d. none of them.
  - II. Diamond and Graphite are pure forms of \_\_\_\_\_.  
a. Silica                      b. Sodium                      c. Carbon                      d. Oxygen.
  - III. \_\_\_\_\_ have high melting and boiling points.  
a. Metals                      b. Nonmetals                      c. Metalloids                      d. None of them.
  - IV. \_\_\_\_\_ and platinum do not corrode in air.  
a. silver                      b. copper                      c. aluminum                      d. gold
  - V. \_\_\_\_\_ is deposited on iron sheets to galvanize them.  
a. silver                      b. zinc                      c. copper                      d. aluminium
-