ENGLISH

1. **Answer the following questions.**
a) Name all the character and their role in the story 'Bulli and the Tiger'.
b) Which story does Bulli want to hear?
c) Who taught their ancestors to weave baskets and how?
d) Why did Bulli go back to jungle with her friend?
e) Who all went into the woods and why?
f) Why all the grown-ups were acting strange?
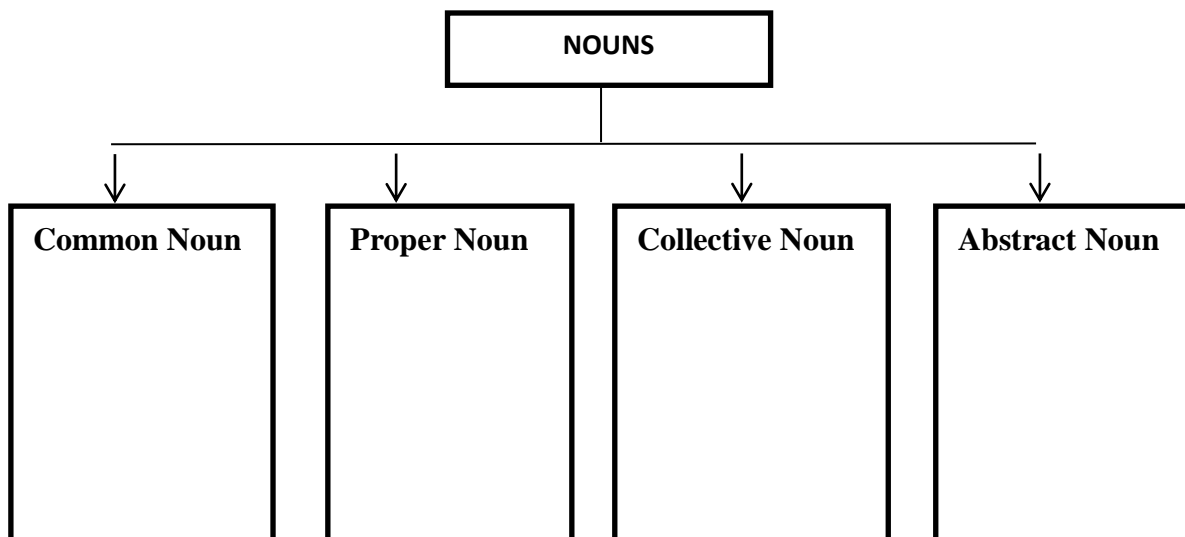g) Describe the tiger into your own words.
h) What was their main occupation?

2. **Match the followings.**

Column A	Column B
1. Koka	a. amber eyes
2. Bulli	b. said something suddenly
3. Aloka	c. grandfather in Assamese
4. Tiger	d. caring
5. Blurted	e. best friend

3. **Fill in the blanks on the bases of 'Bulli and the tiger' take hint from the meanings given beside sentences.**
a) There were rows of baskets_____behind them.[Things are arranged in a pile]
b) The tiger's coat was_____pure gold.[shining]
c) Babu and Khagen were kicking a _____plastic ball around the clearing. [shape of an object changed due to great force]
d) Khagen's _____scarcely disguised the panic in his voice. [being tactless and rash]
e) Pita_____out as he danced jerkily that the contractor is asking for too much money. [said something suddenly]

4. **Write examples of the followings:-**

NOUNS

Common Noun	Proper Noun	Collective Noun	Abstract Noun

हिंदी

प्रश्न 1. निम्नलिखित प्रश्नों के उत्तर लिखिए-

(क) बसंत ऋतु में सब किस प्रकार सुखी हो जाते हैं?

(ख) बसंत ऋतु में किसकी तान सुनाई देती है?

(ग) आया बसंत, आया बसंत कविता के कवि कौन है?

(घ) गिल्लू ने गर्मी से बचने का क्या उपाय खोज लिया था?

(ङ) गिल्लू पाठ की लेखिका का क्या नाम है?

(च) लेखिका ने गिल्लू को किस स्थिति में पाया था?

(छ) लेखक ने आमतौर पर लोगों को किसके समान बताया है?

(ज)लेखक के अनुसार हमें कैसे मित्र बनाने का प्रयास करना चाहिए?

(झ) समय बीतने के साथ-साथ व्यापारी का पुत्र किसमें निपुण हो गया था?

(ञ) लड़कों ने विनायक के पिता को पैसे लेकर किस जगह बुलाया था?

संस्कृत

प्रश्न - 1 गद्यांशान् पठित्वा प्रश्नानाम् उत्तराणि लिखित ।

अधोलिखितं गद्यांशं पठित्वा प्रदत्तान् प्रश्नान् उत्तरत् ।

एषः विद्यालयः अस्ति। विद्यालयस्य भवनं विशालम् अस्ति। विद्यालये क्रीडा क्षेत्रम् अस्ति। छात्राः क्रीडन्ति । विद्यालये पुस्तकालयः अपि अस्ति। तत्र अनेकानि पुस्तकानि सन्ति। छात्राः तत्र समाचार पत्राणि, पत्रिकाः, पुस्तकानि च पठन्ति । शिक्षकाः छात्रान् पाठयन्ति।

(क) विद्यालयस्य भवनं कीदृशम् अस्ति ?

(ख) क्रीडाक्षेत्रं कुत्र अस्ति?

(ग) के क्रीडन्ति ?

(घ) के छात्रान् पाठयन्ति ?

(ड़) पुस्तकानि कुत्र सन्ति?

प्रश्न – 2 निम्नलिखितानां संख्यानां संस्कृत भाषायां लिखत ।

(क) 11 -   (ख) 6 -   (ग) 9 -   (घ) 13 -   (ड़) 7 –   (च) 20

प्रश्न – 3 पञ्च फ़लानि नामानि लिखत।

प्रश्न – 6 पठ् धातु रूप लट् लकारस्य लिखत ।

MATH

Q 1. Population of Agra and Aligarh districts in the year 2001 was 36,20, 436 and 29,92,286, respectively. What was the total population of the two districts in that year?

Q 2. The number of sheets of paper available for making notebooks is 75,000. Each sheet makes 8 pages of a notebook. Each notebook contains 200 pages. How many notebooks can be made from the paper available?

Q 3. Insert comas in appropriate place and write following numbers according to Indian and international system.
(a)1900218
(b)50500401
(c)206008010

Q 4. The estimated difference of 43,209 and 3,479 by rounding off to the nearest hundred.

Q 5. Arrange the following numbers in descending order:
(a) 12098, 12980, 12890, 12089
(b) 2008909, 299088, 2000899, 298099

Q 6. Write the numeral and expanded form for the following number name:
(a) Five million two hundred thousand and fifty
(b) Two crore two lakh two thousand two hundred and two
(c) Ten crore twenty thousand eight
(d) Eighty-five lakh six hundred twelve

Q 7. Write the smallest natural number and smallest whole number.

Q 8. **Fill in the blanks**
(a) $14 \times 38 = 14 \times 18 + 14 \times 14 \times 38 = 14 \times 18 + 14 \times$ _____
(b) $786 \times 8 + 786 \times 2 = 786 \times 8 + 786 \times 2 =$ _____
(c) $1001 \times 2002 = 1001 \times (2000 + 1001 \times 2002 = 1001 \times (2000 +$ _____)
(d) predecessor of 1 lakh is _____

Q 9.How many whole numbers are there between 12 and 86

Q 10. What is the predecessor of 17 and successor of 1997

SCIENCE

Q1. Choose the correct option.
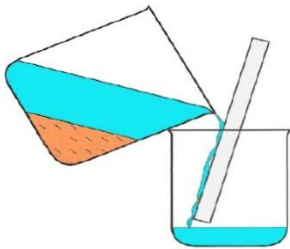
1. Mixture of sand and water contains sand particles. We can separate the sand and water by the method of
_____.
a. Threshing   b. Sedimentation
c. Hand picking   d. Churning

2. Iodine solution turns blue- black when added to a food X. The food X is most likely to be _____.
a. A piece of butter   b. A piece of bread
   c. A cup of milk   d. A boiled egg

3. Which among the following is not a vitamin deficiency disease.
   a. Scurvy   b. Rickets
   c. Goitre   d. Beri-beri

Q2. Name the following.
   a. A diet containing different types of food nutrients in adequate amount, necessary for good health.
   b. The different substances that are present in the mixture.
   c. The insoluble solid particles collected on the filter paper.
   d. Complex carbohydrate that is derived from plant which is generally eaten by cow, horse, goat etc.

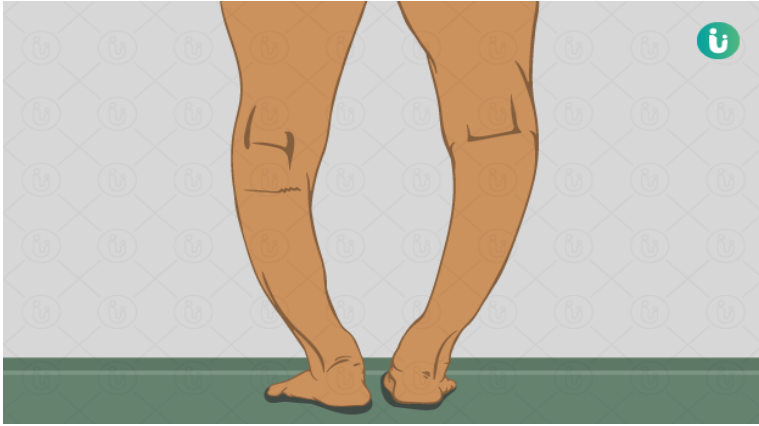**Q3. Identify the following pictures.**
a.

b.

c.

Q4. Define the following terms.

   a. Deficiency disease

   b. Sedimentation

   c. Decantation

d. Saturated solution

Q5.The child in a picture is suffering from a deficiency disease.

a) Deficiency of which nutrient cause this disease?

b) Write any one symptom of this disease.

SOCIAL SCIENCE

Q1. Read the passage and answer the following questions.

Over 200 tools and weapons were found in prehistoric sites of the Deccan-like Morgaon, Chirki,- Nevasa, Isampur, Saswad, and Baichbal valleys.

Ostrich eggshells have been found from Patna in Maharashtra. This shows that ostriches were found in Indian subcontinent. Beads made out of these shells show that early humans knew about multiple uses of things and were great craftsmen.

The remains of animals like ox and Indian rhinoceros indicate that rainfall in the Deccan was heavier than it is observed today as these animals prefer wet regions. Hunting of animals like wild ox and elephant, is quite evident in the buried remains of horns, bones, and tusks of these animals.

1. **What type of animal remains were found in the Deccan region?**
   a) Oxen and elephants   b) Tigers and lions
   c) Wolves and bears   d) Deer and antelope
2. **What do the remains of oxen and Indian rhinos suggest about past climate in the Deccan?**
   a) It was drier than it is today   b) It was colder than it is today
   c) It was wetter than it is today   d) It was the same as it is today
3. **What type of region do ox and Indian rhinoceros prefer?**
   a) Arid desertsb) Mountainous terrain
   c) Wet regions   d) Temperate forests
4. **What evidence of hunting activities was found in the Deccan region?**
   a) Fossils of dinosaurs   b) Remains of ancient
   c) Buried horns, bones, and tusks   d) Stone tools and pottery
5. **Which animals were hunted by early humans in the Deccan region?**
   a) Domesticated cattle   b) Birds and fish
   c) Wild oxen and elephant   d) Reptiles and amphibians

Q2. Read the following statements and tick the correct answers.
 1. Statement 1. We study history to know about the present.
  Statement 2. India's history is determined by its geographical factor.
  a) Both the sentences are true. b) Both the sentences are false.
  c) A false and B true.   d) B false and A true.
 2. Statement 1 - Indus is the word from which the word India originated.
  Statement 2-We learn about past with the help of remains left behind by people of that time.
  a) Both A and B are true.   c) Both A and B are false.
  b) A is true. B is false.   d) A is false. B is true.
 3. Statement 1- The early humans lived near water bodies.
  Statement 2- Stone tools were used by early humans to kill animals.
  a) Both A and B are true.   c) Both A and B are false.
  b) A is true. B is false.   d) A is false. B is true

Q3. Fill in the blanks.
 a) The study of past is called _____.
 b) There are two types of archaeological sources _____ and _____.
 c) Handwritten literary records are called _____.
 d) Secular writings are not _____ in nature.
 e) People started living along the river _____ as water was easily available in this region.
 f) Many travelers came to India through _____Passes.
 g) Early humans moved in search of _____ when flora and fauna of that place got _____.

Q4. Choose prehistory or history

It started when people started writing.	It began when people started writing.	It is the oldest and the longest period of the past	There are written sources in this period.

.

Q5. Define the terms.
    a) **History**
    b) **Prehistory**
    c) **Proto-history**
    d) **Manuscripts**
    e) **Stone Age**

It started when people started writing.	It began when people started writing.	It is the oldest and the longest period of the past	There are written sources in this period.

ARTIFICIAL INTELLIGENCE

A. Tick ( ) the correct option.

1. Which is the third stage of the HMI?

a. **Intention**

b. **Selection**

c. **Execution**

d. **Evaluation**

2.   When was QWERTY keyboard introduced?

a. **1873**

b. **1973**

c. **1872**

d. **1972**

3.   Which of the following interface lets its user to interact using screens and menus?

a. **Menu Driven Interface**

b. **Voice User Interface**

c. **Command Line Interface**

d. **Touch Sensitive Interface**

4.   Trackball was created in which year?

b. **1951**

a. **1950**

c. **1952**

d. **1953**

5.   Who created the first eye tracker?

a. **Alan Turing**

b. **Ivan Sutherland**

c. **Edmund Huey**

d. **Ralph Bauer**

B. Define the following.

- **Eye tracking device**
- **Multi-touch technology**
- **Voice User Interface**
- **Menu Driven Interface**
- **Command Line Interface**

C. Short answers type questions.

- **Name the 4 stages of HMI.**
- **What does HMI stand for?**
- **Expand ENIAC.**
- **Why Wii brought revolution in the gaming world?**

INFORMATION TECHNOLOGY

1) Match the following.

Column-I		Column-II
1. Flow lines		(rounded rectangle)
2. Process box		(parallelogram)
3. Decision box		(rectangle)
4. Input/output box		(diamond)
5. Start/stop box		(arrows)

B) Choose the correct answer.

1) A ----------------- is used to repeat one or more statements a certain number of times.
   a) Loop   **b) Algorithm**
   c) Flowchart   **d) Program**

2) A flowchart symbol cannot be typed. This is a ----------------- of flowcharts.
   a) Feature   **b) limitation**
   c) Both a) and b)   **d) None of these**

3) A/An ----------------- is used to solve a specific problem.

   a) Algorithm   **b) Program**

   c) Both a) and b)   **d) None of these**

4) A ----------------- may have its value changed during program execution.

   a) Flowchart   **b) Algorithm**

   c) Counter   **d) None of these**

C) Answer the following questions.
1) Describe any two symbols used to make a flowchart?

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