

**HALF YEARLY
EXAMINATION**

**SAMPLE
PAPERS**

CLASS- 4

2023-24

ENGLISH

**HALF- YEARLY EXAMINATION
2023-24
CLASS- IV
SAMPLE PAPER**

Time allowed: 2 hours

ENGLISH

Maximum marks: - 50

(READING-12 MARKS)

Q.1 Read the following passage carefully and answer the questions given below:- (6)

The heart is one of the most important components of the human body. The heart of the human body has a constant job of keeping oxygen-rich blood flowing through the body. All cells in the body need a constant supply of oxygen, especially the brain. Brain cells survive only four to five minutes after being cut off from oxygen, and death ensues throughout the body. Damage to the heart muscle, valves, or pacemaker can cause heart disease. When the muscles are damaged, the heart is unable to pump properly. If the valve is damaged, blood cannot flow normally.

Dr John Gibbon of the United States developed a machine in 1953 that could temporarily take from the heart. Surgeons had the option of repairing or replacing a defective heart. Many patients have had plastic heart valves inserted when they had heart defects. Many people are now being kept alive by tiny battery-powered pacemakers.

1. The primary function of the heart in the human body is to _____ (1)
 - a. pump oxygenated blood
 - b. pump deoxygenated blood
 - c. maintain a steady heartbeat
 - d. filter waste product
2. How long can brain cells survive after being cut off from oxygen? (1)
3. What happens when the heart is unable to pump properly? (1)
 - a. the brain stops functioning
 - b. blood cannot flow normally
 - c. waste products build up in the body
 - d. the muscles begin to strengthen
4. What surgical options are available for patients with a defective heart? (1)
5. Find the word from the passage which means the same as “very necessary” (1)
6. Find the word from the passage which means the opposite of “abnormally” (1)

Q.2 Read the poem given below and answer the questions that follow:- (6)

**REMEMBER, no men are strange, no countries foreign,
Beneath all uniforms, a single body breathes
Like ours; the land our brothers walk upon
Is earth like this, in which we all shall lie.
They, too, aware of sun and air and water,
Are fed by peaceful harvest, by war's long winter starved
Their hands are ours, and in their lines, we read
A labour not different from our own.
Remember they have eyes like ours that wake
Or sleep, and strength that can be won
By love. In every land is the common life
That all can recognize and understand.
Let us remember, whenever we are told
To hate our brothers, it is ourselves
That we shall dispossess, betray, condemn.
Remember, we who take arms against each other.
It is the human earth that we defile,
Our hells of fire and dust outrage the innocence
Of the air that is everywhere our own.
Remember, no men are foreign and no countries strange.**

1. What is there under all uniforms is _____(1)

- (a) a human body (b) a single body
(c) a plain body (d) along body**

2.Hating our brother's means _____(1)

- (a) betraying (b) condemning
(c) dispossessing (d) a , b and c**

3. Explain the meaning of 'we who take arms' (1)

4. Identify the word given from the above poem by unjumbling these letters:-'uotgare'(1)

5. Which picture best describes the meaning of 'peaceful' (1)



6. Find the word from the poem which means the opposite of 'forget' (1)

(WRITING- 12 MARKS)

Q.3 With the help of clues given below and your own ideas write a paragraph on (6)

“Importance of Sports in a Student’s life”

(promote physical fitness- foster sense of sportsmanship - improve concentration – encourage social interaction – reduce stress – develop teamwork & discipline- improve mental well being- increases metabolism)

Q.4 Write an application to the principal of your school requesting him/her to grant you leave for three days because of a family function at Mumbai. You are Rajeev/ Riya of Mount Carmel School, Delhi. (6)

(GRAMMAR- 12 MARKS)

Q.5 A) Fill in the blank with collective noun:- (1)

The farmer kept a _____ of geese in the barnyard.

B) Write the opposite gender of the underlined word:- (1)

My grandfather will be visiting us soon.

C) Fill in the blank with correct pronoun:- (1)

Peter and Michael watch tennis every Saturday. _____ love watching sports.

D) Complete the sentence with appropriate describing word (an adjective) :- (1)

She wore a _____ dress.

E) Circle the preposition in the given sentence:- (1)

There is a rift between these two kids.

F) Complete the sentence with suitable prepositions:- (1)

I went to the store _____ my family.

G) Underline the proper noun in the given sentence:- (1)

I ordered the laptop from Amazon.

H) Fill in the blank with possessive pronoun:- (1)

The little boy shouted, "Give the ball to me! It's _____."

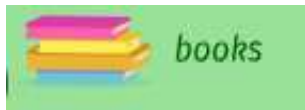
I) Pick out common gender from the following:- (1)

boy, queen, man, teacher

J) Complete the sentence with correct degree of adjective given in the bracket:- (1)

Naveen is the _____ (strong) boy in the class.

Q.6 Put much/many against the picture :- (2)



(LITERATURE-14 MARKS)

Q.7A) Read the extract given below and answer the following questions:- (4)

He could not sleep properly that night. Next morning, he went to the principal's room. He opened the door and said, 'Excuse me, Sir, could I speak to you for a while?'

i) Why did Rahul not sleep well that night?(1)

ii) What did he reveal to the principal?(1)

B) Read the extract given below and answer the following questions:-

As we approached the lake, the foggy weather did not deter our spirits. There was an exclusive boat waiting for our family.

i) What does the phrase 'deter our spirit' mean here?(1)

ii) Describe the weather when the narrator and his family approached the lake?(1)

Q.8 Answer the following questions :- (2X2=4)

a) Where did the narrator and his family visit? Name the animals whose footprints the author saw while travelling in Jungle Safari?

b) Raj and Rahul were best friends. Why was Rahul then jealous of Raj? What was the result of the term-end examination?

Q.9 Answer the following questions briefly:- (1x3=3)

a) Explain the importance of hole in the life of Sunil Gavaskar ?

b) What did the narrator do before ending the trek?

c) What do you understand by the term "frantic search" in the chapter- Mix up at birth.

Q.10 Read the given assertion and reason and choose the correct option:- (2)

i) Assertion (A)- With a determined, resolved and calm mind we started the trek.

Reason(R)- We were scared, but at the same, we were excited and keen to go ahead.

- A. Both A and R are true and R is the correct explanation of A.**
- B. Both A and R are true but R is not the correct explanation of A.**
- C. A is true but R is false.**
- D. A is false but R is true.**

ii) Assertion (A)- Sunil Gavaskar would probably have been a fisherman.

Reason(R)- If Nan- Kaka had not visited the hospital again on second day.

- A. Both A and R are true and R is the correct explanation of A.**
- B. Both A and R are true but R is not the correct explanation of A.**
- C. A is true but R is false.**

D. A is false but R is true.

Q.11 You went with your family to a zoo. While moving around, you saw a group of children, who were throwing stones at animals in cages which wounded the animals. Being a visitor, how would you react after seeing this incident?(1)

**HALF- YEARLY EXAMINATION
2023-24
CLASS- IV
MARKING SCHEME
ENGLISH**

Q.1 1)pump oxygenated blood (1x6=6)

2)four to five minutes

3)blood cannot flow normally

4) repair or replacement

5)important

6)normally

Q.2 1) a single body (1x6=6)

2) a, b and c

3) we who take arms means who fight together

4) outrage

5) Picture- B

6) remember

Q.3 content + creativity+ relevance (6)

Q.4 content + creativity+ relevance + format (6)

Q.5 a) gaggle (1x10=10)

b)grandmother

c) they

d) beautiful/ red

e) between

f) with

g) Amazon

h) mine

i) teacher

j) strongest

Q.6 a) many (1x2=2)

b) much

Q. 7 A)i) Relevant answer (1x4=4)

ii) Relevant answer

iii) Relevant answer

iv) Relevant answer

Q.8 Relevant answers (2X2=4)

Q.9 Relevant answers(1X3=3)

Q.10 Relevant answers (1x2=2)

Q.11 Open –ended answer (1)

HINDI

प्रतिदर्श प्रश्न पत्र (2023-24)

विषय - हिंदी

समय: 2 घण्टे

कक्षा - चौथी

पूर्णांक :50

सामान्य निर्देश-

- i) इस प्रश्न पत्र में चार खंड हैं, क, ख, ग, घ।
- ii) सभी खंड अनिवार्य हैं।
- iii) लेख और वर्तनी पर विशेष ध्यान दीजिए।

खंड - (क)

प्रश्न -1 निम्नलिखित गद्यांश को ध्यानपूर्वक पढ़िए तथा दिए गए प्रश्नों के उचित विकल्प द्वारा दीजिए। (3)

जानवर पौधों और अन्य जानवरों को खाते हैं। भोजन की आदतों के आधार पर जानवरों को चार श्रेणियों में बाँटा जा सकता है। जो जानवर पौधे खाते हैं उन्हें शाकाहारी कहा जाता है। गाय, भेड़, जिराफ़ कुछ शाकाहारी जानवर हैं। माँसाहारी वे जानवर हैं जो दूसरे जानवरों का माँस खाते हैं। शेर, बाघ आदि जानवर माँसाहारी जानवर हैं। कुछ पक्षी फ़लैश खाते हैं उन्हें मैला ढोने वाले कहा जाता है। चील और गिद्ध सफ़ाईकर्मी हैं। वे जानवर जो पौधे और दूसरे जानवरों का माँस दोनों खाते हैं, सर्वाहारी कहलाते हैं। भालू, कौवा कॉकरोच सर्वाहारी होते हैं। परजीवी छोटे कीड़े या जानवर होते हैं। पिस्सू, जोंक और कीड़े कुछ परजीवी हैं।

क) भोजन के आधार पर जानवरों को _____ श्रेणियों में बाँटा गया है।

1. चार
2. तीन
3. दो
4. पाँच

ख - जानवर जो पौधे और दूसरे जानवरों का माँस दोनों खाते हैं _____ कहलाते हैं।

1. शाकाहारी
2. माँसाहारी
3. परजीवी
4. सर्वहारी

ग - इनमें से शाकाहारी जानवरों की श्रेणी में कौन से जानवर आते हैं ?

1. शेर और बाघ
2. पिस्सू और जोंक
3. गाय और भेड़
4. चील और गिद्ध

खंड - (ख)

प्रश्न -2 (क) नीचे दिए गए शब्दों में से संज्ञा शब्दों पर गोला लगाइए व लिखिए - (1)

चारपाई छाता परन्तु सुंदर

(ख) नीचे दिए गए वाक्यों में से क्रिया शब्द छाँटकर लिखिए- (1)

1. सुधीर ने हलवा चखा । _____
2. छत पर कपड़े सूख गए ।

(ग) नीचे दिए गए संयुक्त व्यंजन वाले शब्द के समान दो शब्द और लिखिए- (1)

विकल्प - _____

प्रश्न -3 (क) नीचे दिए गए शब्दों में सही स्थान पर अनुस्वार लगाइए- (1)

गगा चचल

(ख) नीचे दिए गए शब्दों में सही अनुनासिक शब्द पर घेरा लगाइए- (1)

माँग अँग डँडे आँगन

(ग) नीचे दिए गए वाक्यांश के लिए एक शब्द लिखिए- (1)

जिसमें विष हो - _____

प्रश्न -4 (क) निम्नलिखित शब्दों के एक-एक पर्यायवाची शब्द लिखिए । (1)

फूल - _____ पानी - _____

(ख) निम्नलिखित शब्दों के युग्म शब्द पूरे कीजिए । (1)

ऊपर - _____ अंदर - _____

(ग) निम्नलिखित वाक्य में से विशेषण शब्द रेखांकित कीजिए । (1)

उमा ने लाल स्वेटर बुना ।

प्रश्न -5 (क) नीचे दिए गए विशेषण शब्द के दो विशेष्य लिखिए। (1)

सुंदर - _____

(ख) निम्नलिखित वाक्यों में उचित सर्वनाम शब्द भरिए । (1)

1. _____ सब फिल्म देखने जाएँगे ।

2. _____ गिटार बजाना नहीं आता ।

प्रश्न -6 (क) रेखांकित शब्द का लिंग बदलकर रिक्त स्थान भरिए । (1)

चूहा फुदक रहा है और _____ कुतर रही है ।

(ख) निम्नलिखित शब्दों का वचन बदलकर लिखिए । (1)

1 टाँग _____ 2 दरवाज़ा _____

प्रश्न -7 (क) उचित मुहावरे द्वारा रिक्त स्थान पूरा कीजिए । (2)

1 फ्रेंच की किताब श्याम के लिए - _____ थी ।

2 रोहन ने परीक्षा में प्रथम आने के लिए _____ लगा दिया ।

खंड - (ग)

प्रश्न -8 निम्नलिखित गद्यांश को ध्यानपूर्वक पढ़िए तथा दिए गए प्रश्नों के उचित विकल्प द्वारा दीजिए – (3)

सुबह हुई । हीरक को जाल में फँसा देखकर शिकारी बहुत प्रसन्न हुए । कोयल ने गीत गाया और सब कुछ वैसा ही हुआ जैसे कोयल ने सोचा था । हीरक जाल से मुक्त हो गया । उसे बहुत पछतावा हुआ कि उसने सलोनी की बात नहीं मानी थी ।

क A - हीरक को जाल में फँसा देखकर शिकारी बहुत प्रसन्न हुए ।

R - उसे बेचकर वे पैसे कमाते ।

1 A व R दोनों सत्य हैं और R , A की सही व्याख्या है ।

2 A सत्य है, R असत्य है ।

3 A असत्य है, R सत्य हैं ।

4 A व R दोनों सत्य हैं और R , A की सही व्याख्या नहीं है ।

ख - कोयल के गीत गाने से क्या हुआ ?

1. शिकारी प्रसन्न हुए

2. हीरक को अपनी भूल का अहसास हुआ ।

3. हीरक भाग गया

4. हीरक जाल से मुक्त हो गया ।

ग - प्रसन्न का विलोम शब्द है-

1 खुश

2. अप्रसन्न

3. नाराज़

4. उदास

प्रश्न -9. नीचे दिए गए प्रश्नों के उत्तर एक वाक्य में लिखिए - (5)

1. कौन हिरन को खाना चाहता था ?

2. झबरू कुत्ता कहाँ दौड़ा ?

3. रोहित पढाई में कैसा था ?
4. सुष्पंदी ने चप्पलों को किस पर रखा था ?
5. कौन से लोग पछताते हैं ?

प्रश्न -10 नीचे दिए गए प्रश्नों के उत्तर लिखिए (कोई 3)-

(6)

1. सलोनी और हिरन की दोस्ती कैसे हुई थी ?
2. अम्मा दीदी को आते समय किससे क्या लेना था ?
3. पिताजी ने दादी को क्यों बुरा भला कहा था ?
4. आपके अनुसार सबने बारिश को क्यों कोसा होगा ?

प्रश्न -11 नीचे दिए गए प्रश्नों के उत्तर 20-25 शब्दों में लिखिए (कोई-2)

(4)

1. सलोनी ने समय पर आकर हिरन की जान बचाकर सच्ची मित्रता निभाई। आप अपनी मित्रता कैसे निभाएँगे ?
2. “ अधूरा ज्ञान हानिकारक होता है “ कैसे ?
3. बड़ों के साथ कैसा व्यवहार करना चाहिए ?

खंड - (घ)

प्रश्न -12 नीचे दिए गए विषय पर 60 - 70 शब्दों का एक अनुच्छेद लिखिए -

(4)

मेरा प्रिय मित्र

प्रश्न -13 छोटे भाई को दौड़ प्रतियोगिता में प्रथम आने पर बधाई पत्र लिखिए।(4)

प्रश्न -14 पिता और बेटे को लेकर स्कूल पिकनिक पर हुई बातचीत को संवाद रूप में लिखिए -

(3)

प्रश्न -15 नीचे दिए गए चित्र को देखकर चार से पाँच वाक्य लिखिए।

(3)



प्रतिदर्श प्रश्न पत्र

अंकन योजना

कक्षा - चौथी

कुल अंक 50

| क्रमांक | संभावित उत्तर | अंक विभाजन | कुल अंक |
|---------|--|-----------------------|------------|
| 1 | क चार ख सर्वहारी ग गाय और भेड़ | 1 1 1 | 3 |
| 2 | क चारपाई , छाता ख चखना , सूखना ग अल्प , संकल्प | 1 1 1 | 3 |
| 3 | क गंगा , चंचल ख माँग , आँगन ग विषैला | 1 1 1 | 3 |
| 4 | क पुष्प , जल ख नीचे , बाहर ग लाल | 1 1 1 | 3 |
| 5 | क लड़की , घर ख हम , मुझे / उसे | 1 1 1 | 3 |
| 6 | क चुहिया ख टाँगे , दरवाज़े | 2 | 2 |
| 7 | क काला अक्षर भैस बराबर थी । ख एड़ी छोटी का ज़ोर लगा दिया । | 2 | 2 |
| 8 | क) A और R दोनों सत्य , R , A की सही व्याख्या है । ख) हीरक जाल से मुक्त हो गया ग) अप्रसन्न | 1 1 1 | 3 |
| 9 | 1 लोमड़ी 2 भीतर 3 होशियार 4 तवे पर 5 जो हार मान जाते है । | 1 1 1 1 1 | 5 |
| 10 | कोई 3 1 हीरक आम के पेड़ के आस आकर जब घास खाता तो सलोनी उसे मीठे - मीठे आम देती इस पर हिरन उसे अपनी पीठ पर बैठा कर वन में घुमाता था । | 2 2 2 | 6 |

| | | | |
|----|---|--------------------------------|---|
| | <p>2 अम्मा - दीदी को आते समय खुतरू मोची से जाते लेने थे।</p> <p>3 रोहित के कम अंक आने पर दादी को बुरा भला कहा था क्योंकि उन्हें लगता था दादी के लाड़ प्यार ने उसे बिगाड़ दिया है।</p> <p>4 बारिश ने आकर सारा काम चौपट कर दिया तथा सबको पुनः कार्य करना पड़ेगा।</p> | | |
| 11 | <p>1 हम उसे मुसीबत से बाहर निकलने में मदद करेंगे। उससे कभी झूठ नहीं बोलेंगे। उसके सुख दुःख में उसके साथ खड़े रहेंगे।</p> <p>2 जब किसी विषय का पूरा ज्ञान न हो तो चीज़ें सुधरने की बजाय बिगड़ सकती है अतः अधूरा ज्ञान हानिकारक इस प्रकार होता है।</p> <p>3 हमें बड़ों के साथ आदरणीय, वंदनीय तथा शालीनता पूर्ण व्यवहार कारण चाहिए क्योंकि वे हमसे बड़े हैं और उनका आदर करना हम सबका परम कर्त्तव्य है।</p> | <p>2</p> <p>2</p> | 4 |
| 12 | <p>भूमिका विषय वास्तु समापन</p> | <p>1 ½</p> <p>1 ½</p> <p>1</p> | 4 |
| 13 | <p>प्रारूप विषय वस्तु समापन</p> | <p>1 ½</p> <p>1 ½</p> <p>1</p> | 4 |
| 14 | विषय वस्तु के अनुसार | 3 | 3 |
| 15 | विषय वस्तु के अनुसार | 3 | 3 |

MATHS

HALF YEARLY EXAMINATION

2023-24

CLASS IV

SAMPLE PAPER

MATHEMATICS

Time allowed: 2 hours

Maximum marks: 50

General Instructions:

- The question paper comprises of three sections.
- Section A contains 15 questions of 1 mark each.
- Section B contains 10 questions of 2 marks each.
- Section C contains 5 questions of 3 marks each.

Section A

(15 × 1 = 15)

1. Rearrange the following numbers in ascending order:

29,999

2,20,031

2,02,931

30,001

2. How many ₹200 notes make ₹3000?

3. Write three different numbers in the boxes to make the multiplication correct. The numbers must be greater than 1.

$$\boxed{} \times \boxed{} \times \boxed{} = 60$$

4. Noah was born in 1999. What birthday did he have in 2023?

5. Rohan is thinking of a number. He says, "9 times my number is 108". What number is he thinking of?

6. Draw a ring around all the lengths that are less than half a metre.

60 cm

43 cm

54 cm

26 cm

87 cm

7. Write in the missing digits to make this calculation correct.

$$\begin{array}{r} \boxed{} 7 \boxed{} \\ \times 6 \\ \hline 1 0 3 2 \end{array}$$

8. Akira has broken her calculator. She knows that $263 \times 15 = 3,945$. Show how she can use this multiplication fact to calculate 263×14 .

9. Fill in the blanks:

a) $1698 \text{ cm} = \underline{\hspace{2cm}} \text{ m } \underline{\hspace{2cm}} \text{ cm}$

b) $9 \text{ km } 5 \text{ m} = \underline{\hspace{2cm}} \text{ m}$

10. Write all even numbers between 'ninety-nine thousand nine hundred ninety-seven' to 'one lakh one'.

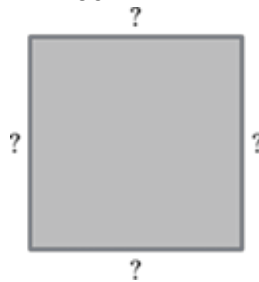
11. Divide the sum of all the numbers on a dice by 7.

12. Calculate the perimeter of a triangle whose sides are 17 cm, 9 cm and 10 cm.

13. Fill in the blanks to complete the expanded form.

$2,74,321 = \underline{\hspace{2cm}} + 70,000 + 4,000 + \underline{\hspace{2cm}} + 20 + 1$

14. Find the side of a square whose perimeter is 36 cm.



15. Study both the statements given below.

Assertion (A): The difference between the face value and the place value of the digit 7 in 3,74,890 is 69,993.

Reason (R): In the number 3,74,890, the place value of 7 = 70,000 and the face value of 7 = 7.

Choose the correct option:

- a) Both A and R are true, and R is the correct explanation of A.
- b) Both A and R are true, but R is not the correct explanation of A.
- c) A is true, but R is false.
- d) A is false, but R is true.

Section B

(10 × 2 = 20)

16. Subtract and check your answer: $5,00,000 - 2,39,064$

17. Do as directed:

a) Which measurement is larger? Circle your answer.

20 km or 2500 cm

b) Usha jogged 5 times around a park that had a path of total length 400 m. How many km did she jog?

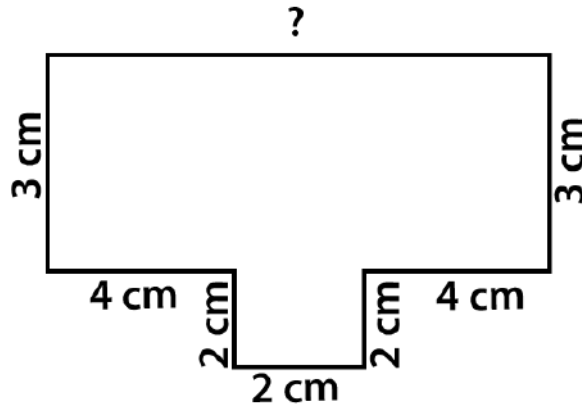
18. Find the product: 715×249

19. The sum of two numbers is 40,132. If one number is 29,184, find the other number.

20. Build a number that has 3 lakhs, 5 ten thousands, 7 tens and 9 ones.

- a) Write it in words.
- b) Give its predecessor and successor.

21. Find the length of the missing side of the given polygon if its perimeter is 32 cm.



22. How many trays are needed for 1,296 glasses if each tray holds 18 glasses?

23. Find the difference of the greatest and the smallest 5-digit number formed by using the digits 3, 7, 9. Repetition of digits is allowed.

24. An orchard owner bought 458 apple trees. He decided to plant 15 trees in each row. How many full rows can be planted? How many trees would be left over?

25. A florist decorated a huge function hall by using 73,280 marigolds, 27,371 roses and 9,809 lilies. How many flowers did he use to decorate the hall altogether?

Section C

(5 × 3 = 15)

26. Divide and check your answer: $15250 \div 61$

27. The population of a town is 2,82,010. If 1,20,483 are men, 95,929 are women and the remaining are children, find the number of children.

28. A toy car costs ₹ 7,950. A battery costs ₹ 975. How much does it cost in all to buy 3 of each?

29. Pihu decorated the border of a picture 90 cm long and 75 cm wide with a ribbon. Her friend Neela decorated a square picture 80 cm long. Who used more ribbon and by how much?

30. At the boat club, the white boat is 5 m 28 cm long. The yellow boat is 1 m 95 cm shorter than the white boat. The red boat is 95 cm longer than the yellow boat.

- a) Find the length of yellow boat.
- b) Find the length of the red boat.
- c) Which boat is the longest?

HALF YEARLY EXAMINATION**2023-24****CLASS IV****SAMPLE PAPER****MATHEMATICS****ANSWER KEY**

| Q.NO. | ANSWER | MARKS ALLOTTED |
|--------------|---|-----------------------|
| 1 | 29,999 30,0001 2,02,931 2,20,031 | 1 |
| 2 | ₹3000 ÷ ₹200 = 15 15 notes of ₹200 will make ₹3000. | 1 |
| 3 | Answer may vary. Possible Answers: $3 \times 2 \times 10 = 60$ or $5 \times 2 \times 6 = 60$ or $3 \times 5 \times 4 = 60$ | 1 |
| 4 | $2023 - 1999 = 24$ He had 24 th birthday in 2023. | 1 |
| 5 | 9 times 12 = $9 \times 12 = 108$ or $108 \div 9 = 12$ He must be thinking of number 12. | 1 |
| 6 | 60 cm 43 cm 54 cm 26 cm 87 cm | 1 (0.5 each) |
| 7 | Missing numbers are 1 and 2. | 1 (0.5 each) |
| 8 | She can use subtraction. $3,945 - 263 = 3,682$ $263 \times 14 = 3,682$ | 0.5 0.5 |
| 9 | a) 16 m 98 cm b) 9005 km | 0.5 0.5 |
| 10 | 99,998 1,00,000 | 1 (0.5 each) |
| 11 | Sum of all numbers on a dice = $1 + 2 + 3 + 4 + 5 + 6 = 21$ $21 \div 7 = 3$ | 0.5 0.5 |
| 12 | Perimeter of a triangle = $(17 + 9 + 10)$ cm = 36 cm | 0.5 0.5 |
| 13 | 2,00,000 and 300 | 1 (0.5 each) |
| 14 | Perimeter of a square = $4 \times$ side Side = $36 \div 4 = 9$ cm The side of this square is 9 cm. | 0.5 0.5 |
| 15 | a) Both A and R are true, and R is the correct explanation of A. | 1 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|--|-----------------------------------|---|---|---|---|---|---|---|--|--|--|---|---|--|-------|--|--|--|--|--|--|---|--|--|--|---|---|---|-------|--|--|--|--|--|--|---|---|---|---|---|--|--|-------|--|--|--|--|--|--|---|---|---|---|---|---|--|---|
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| × | | | | 6 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| + | 1 | 5 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| = | 1 | 5 | 2 | 5 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | <p>Population of a town = 2,82,010 No. of men = 1,20,483 No. of women = 95,929 No. of children = ? No. of men and women = 1,20,483 + 95,929 = 2,16,412 No. of children = 2,82,010 – 2,16,412 = 65,598 There are 65,598 children in the town.</p> | 1.5 1.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | <p>Cost of: 1 toy car = ₹7,950 1 battery = ₹975 3 toy cars = ₹7,950 × 3 = ₹23,850 3 batteries = ₹975 × 3 = ₹2,925 Total = ₹23,850 + ₹2,925 = ₹26,775 It cost ₹26,775 to buy 3 of each.</p> | 1 1 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | <p>Perimeter of the rectangle decorated by Pihu = $2 \times \text{length} + 2 \times \text{breadth}$ $= 2 \times 90 + 2 \times 75$ $= 180 + 150$ $= 330 \text{ cm}$ Perimeter of the square picture decorated by Neela = $4 \times \text{side}$ $= 4 \times 80$ $= 320 \text{ cm}$ Difference = $(330 - 320) \text{ cm} = 10 \text{ cm}$ Pihu used 10 cm more ribbon than Neela.</p> | 0.5 0.5 0.5 0.5 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | <p>a) Length of yellow boat = 5 m 28 cm – 1 m 95 cm = 3 m 33 cm b) Length of red boat = 3 m 33 cm + 95 cm = 4 m 28 cm c) White boat is the longest.</p> | 1 1 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

SCIENCE

HALF YEARLY EXAM (Sample paper)

(2023-24)

CLASS IV

SUBJECT-SCIENCE

Time Allowed: 2 Hours

M.M:50

SECTION-A

Q1. We should wash our hands before meals. Give reason. (1)

Q2. Give one difference between milk teeth and permanent teeth. (1)

Q3. Why are some plants known as 'evergreen trees'? (1)

Q4. What do you mean by the term 'Habitat'? (1)

Choose the correct option from the following : (Q.5 and Q.6) (2x1=2)

(a) Both statements 1 and 2 are true.

(b) Both statements 1 and 2 are false.

(c) statement 1 is true but statement 2 is false.

(d) statement 2 is true but statement 1 is false.

Q5.Statement 1 : We should drink about 8-10 glasses of water every day.

Statement 2 : The food is partially digested in the stomach.

Q6.Statement 1 : Flowers have different shapes and sizes.

Statement 2 : The root of lotus flower is generally eaten as vegetable.

Q.7 Write any two examples of edible roots. (1)

Q.8 'We should not unnecessarily pluck flowers'. Justify the statement. (1)

Q.9 Highlight the use of arnica flower. (1)

Q.10 'X' is an iron structure which is used in the field for ploughing. Nowadays, farmers use 'Y' for this purpose. Identify 'X' and 'Y'. (1)

Q.11 List any two features of free floating plants. (1)

Q.12 Complete the analogy : (1)
Salivary gland : _____ : : stomach : digestive juices

Q.13 Define the term 'water conservation'. (1)

Q.14 List any two ways to do rain water harvesting. (1)

Q.15 'People cut trees for a number of reasons.' Support the statement by stating any two reasons. (1)

SECTION-B

Q16. Complete the following table-

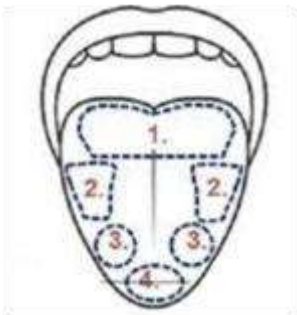
(2x1=2)

| Type of teeth | Number of teeth in one jaw |
|---------------|----------------------------|
| Incisors | (a) _____ |
| Canines | 2 |
| Premolars | (b) _____ |
| Molars | 6 |

Q17. If you chew chapati for a longer time, it starts tasting a little sweet. Give reason. **(2)**

Q18. With the help of a diagram, distinguish between tap roots and fibrous roots. **(2)**

Q.19) Identify the part of the tongue where you will feel the taste of following food items and write the number in the given blank. **(2)**



- i) **French fries** _____
- ii) **Bitter gourd** _____
- iii) **Cake** _____
- iv) **Amla** _____

Q.20 List any two areas where flowers are used. **(2)**

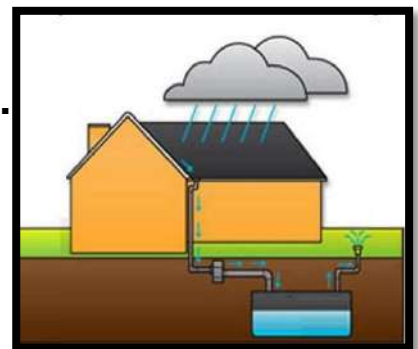
Q.21 It is important to plough the soil before sowing seeds. Comment. **(2)**

SECTION-C

Q.22 Observe the following picture carefully and answer the questions that follow:

a) Identify and name the process shown in the picture. **(1)**

b) Give two advantages of using this system in our homes. **(2)**



Q.23 (a) What do you mean by 'dry fruits'? **(1)**

(b) List any two uses of dry fruits in our daily life. **(2)**

Q.24 Underwater plants like hydrilla are very helpful for the aquatic animals. Explain. (3)

Q.25 As a concerned citizen, how can you conserve water on a large scale?(Give 3 points) (3)

Q.26 How is the increase in population causing shortage of water. (3)

SECTION-D

Read the following case study and answer the questions that follow:

Q27. Rajeev's teacher asked everyone to bring flowers for an activity. Also she instructed "Do not pluck flowers". Collect only fallen flowers. Rajeev was searching for rose flower as Rose is his favourite flower. His mother denied because it was not possible for him to get rose flower in the month of June.

(a) Why it was not possible for Rajeev to get rose flower in the month of June? (1)

(b) List the types of flowers on the basis of seasons with examples of each. (2)

(c) Rajeev's friend is having toothache since morning so Rajeev advised him to use a flower. Which flower will he use to get rid of toothache? (1)

Q.28 Arpit is a boy studying in class 4. He helps his parents daily at home. Today he went to kitchen to help his mother. His mother was washing all the vegetables before cooking. His mother asked him to pour that used water in plants.

a) Why do you think mother asked him to pour that used water in plants?(1)

b) Suggest three more ways that can help Arpit to save water at home. (3)

HALF YEARLY EXAM(sample paper)

(2023-24)

CLASS IV

SUBJECT-SCIENCE

Time Allowed: 2 Hours

ANSWER KEY

M.M:50

| S.No | Value Points | Marks allotted |
|-------------|---|-----------------------|
| 1 | To remove germs and dirt present on it. | 1 |
| 2 | Milk teeth- 20/ temporary Permanent teeth-32/permanent | 0.5 0.5 |
| 3 | They shed their leaves gradually, so remain green throughout. | 1 |
| 4 | The place where an organism lives most comfortably. | 1 |
| 5 | (a) Both statements 1 and 2 are true. | 1 |
| 6 | (c) statement 1 is true but statement 2 is false. | 1 |
| 7 | Radish/carrot/turnip etc | 0.5+0.5 |
| 8 | They add beauty to the surroundings, make fruits etc. | 1 |
| 9 | Making medicinal lotion to cure wounds and injuries | 1 |
| 10 | 'X'- plough, 'Y'- tractor | 0.5+0.5 |
| 11 | Air filled cavities in leaves and stem; not attached; can float freely | 1 |
| 12 | saliva | 1 |
| 13 | Proper and careful utilisation of water, avoiding its wastage, and maintaining the amount of water in its different sources. | 1 |
| 14 | Using overhead and underground tanks | 0.5+0.5 |
| 15 | For land for agriculture, setting up factories, making houses, earning money by selling wood(2 points) | 0.5+0.5 |
| 16 | (a) 4 (b) 4 | 1+1 |
| 17 | Saliva converts insoluble starch in chapatti into soluble sugars | 1+1 |

| | | |
|-----------|--|--|
| 18 | Diag of tap and fibrous root | 1+1 |
| 19 | (i) 3 (ii) 2 (iii) 1 (iv) 4 | 0.5 0.5 0.5 0.5 |
| 20 | Decoration cosmetics and perfumes (with examples) | 1+1 |
| 21 | Makes the soil loose, soft, aerated | 2 |
| 22 | (a) Rain water harvesting system (b) It conserves water . It improves ground water level. | 1 2 |
| 23 | (a) Fruits that are dried then eaten. (b) In ice creams, kheer, cakes, halwa etc | 1 2 |
| 24 | Increase oxygen concentration in water so that aquatic animals can breathe | 3 |
| 25 | (a) use of sprinklers in fields (b) construction of dams (c) use of rain water harvesting | 1 1 1 |
| 26 | As the population increases, the demand for water also increases. In case of limited supply or availability of water, the water becomes scarce or less. | 3 |
| 27 | (a) Because rose is a winter flower (b) Winter flowers (eg, dahlia) and summer flowers (eg, china rose) (c) cloves | 1 2 1 |
| 28 | (a) As it will save wastage of water <ul style="list-style-type: none"> • Turn off the tap after using it. • Use a mug and bucket to take bath instead of a shower. • Get the leaking pipes and taps repaired immediately | 1 3 |

SOCIAL SCIENCE

HALF YEARLY EXAMINATION

SAMPLE PAPER

2023-2024

CLASS IV

SOCIAL SCIENCE

Time allowed – 2 hours

M.M- 50

General Instructions-

- 1. All questions are compulsory.**
- 2. Question 1 to 10 all parts carry 1 mark each.**
- 3. Question 11 to 20 all parts carry 2 marks.**
- 4. Question 21 to 25 all parts carry 3 marks.**
- 5. Question 26 all parts carry 1 mark each.**
- 6. Revise all questions thoroughly.**

Choose the correct option-

(1*10=10)

- 1. The calendar used by Paris is known as-**
 - a. Lunar calendar**
 - b. Shehenshahi calendar**
 - c. Solar calendar**
 - d. Malayalam calendar**

- 2. The garbage has become a health hazard for humans, animals and birds. It becomes a breeding ground for germs that causes many diseases. Which disease is spread by the garbage heaps?**
 - a. Dysentery**
 - b. Cancer**
 - c. Blood pressure**
 - d. Diabetes**

- 3. Metal and plastic are non-biodegradable waste. Which one of the following is NOT an item of non-biodegradable waste?**
 - a. Animal and human waste**
 - b. Aluminum foil**
 - c. Polythene bag**
 - d. Glass**

- 4. Construction waste can be used for_____**
 - a. Filling ditches**
 - b. Building walls**
 - c. Making pots**
 - d. Making machines**

5. **Gender specific occupations are occupations that can be done by _____ .**
- a) **Servants only**
 - b) **Machines only**
 - c) **Female or by male.**
 - d) **Kids**

Fill in the blanks

6. **The open heaps of garbage in the street spreads _____.**
7. **Bandra sea link bridge is located in _____.**
8. **Given below are two statements choose the correct one.**

Statement 1- Earlier suspension bridges were made up of wood and rope.

Statement 2- Golden bridge is an example of suspension bridge

- a. **Statement 1 is correct**
- b. **Statement 2 is correct**
- c. **Both statements are correct**
- d. **Both statements are incorrect**

9. **Complete the analogy**
Manual labour: rickshaw puller : _____:doctor

10. **Correct the statement given below-**
The nomads of Jammu and Kashmir are known as Dhangers.
- _____

Answer the following questions briefly.

(2*10=20)

11. **List any two factors on which the lunar and solar calendar depends. (1X2=2)**
12. **“ Id-ul-fitr is a day of joy and thanks giving”. Highlight the main features of this festival. (1X2=2)**
13. **Mohan shifted to a new house in Delhi and the house gets plenty of sunlight. Suggest any two benefits of sunlight. (1X2=2)**

14. Read the passage given below and answer the following questions- (1X2=2)

By HT Correspondent | Edited by Shilpa Ambardar, Mussoorie

Apr 10, 2023 07:15 PM IST



Around 62% of work on the Bajrang Setu glass-fitted suspension bridge, an alternative to the Lakshman Jhula bridge, has been completed in Rishikesh, Uttarakhand. The new bridge is expected to be completed by July 2023 and will be the first glass pavement bridge in north India fitted with the latest technology. The old Laxman Jhula bridge, closed after being declared unsafe for pedestrians, will be preserved as a heritage property.



- a) Name the state where Lakshman Jhula bridge is located.
- b) Give one feature of the suspension bridge.

15. Aman lives in a hut in a remote village of Manipur. (1X2=2)

- a. List the type of materials which are used to make a temporary house.
- b. How is Aman's house different from your house?

16. a) Identify the logo. (1X2=2)

- b) How does it help the environment?



17. Raju has got a job in a brick field. He does not know the procedure of brick making. Arrange the following steps in proper sequence to help Raju to complete the brick making process properly: (1X2=2)

| |
|---------------------|
| 1. Mining |
| 2. Drying |
| 3. Tempering |
| 4. Firing |
| 5. Moulding |

| |
|------------------|
| 1. Mining |
| |
| |
| |
| |

18. Explain the importance of pride in quality work with the help of an example. (1X2=2)

19. “The availability of raw materials plays an important role in the occupation of the people .” Justify the statement in two points. (1X2=2)

20. Complete the passage given below:- (0.5X4=2)

Littering and spitting in public places is severely punished in the country _____. People who dirty _____ places are fined and made to _____ public roads or public places as a _____. We must control waste. Each and every person must take care not to litter, spit or urinate in open areas.

Read the passage given below and choose the correct option-

(3*5=15)

Himachal poll players eye Kullu Dussehra as a canvassing fest as PM Modi sets the tone

October 08, 2022 4:26 pm

On October 5, its opening day, Modi became the first PM to participate in this centuries-old, annual festival in Himachal Pradesh's Kullu and pay obeisance to the Lord Raghunath deity.



21.

A) Give another name of the festival shown in the image. (1)

- a. Vijaydashmi
- b. Vinayak Chaturthi
- c. Ram Navmi
- d. Onam

B. Kullu and _____ are famous for their Dussehra celebrations. (1)

- a. Haryana
- b. Mysore
- c. Manali
- d. Punjab

B) This festival symbolises the _____. (1)

- a. Victory of good over evil
- b. remover of obstacles
- c. forgetting ill feelings
- d. forgetting bad feelings

22. Neeraj lives in a village in Uttar Pradesh. It is surrounded by a lot of greenery but people throw garbage on the streets. And a huge pile of garbage gets accumulated. Enlist three dangers that are posed to the people living in that area. (1x3=3)

23. Describe any three ways of disposing of waste. (1x3=3)

24. “ It is our responsibility to protect our environment .” Suggest three ways of reducing waste from your surroundings. (1X3=3)

25. Difference between the two types of labour in three points each. (1x3=3)

26. MAP QUESTION :-

Identify , locate and label the following states on the political map of India: (1X5=5)

- 1. State where Ganesh Chaturthi is celebrated.**
- 2. A state where Onam is celebrated**
- 3. State which celebrates Baisakhi**
- 4. A state close to sea**
- 5. Mizoram**



HALF YEARLY EXAMINATION
SAMPLE PAPER (MARKING SCHEME)

2023-2024

CLASS IV

SOCIAL SCIENCE

Time allowed – 2 hours

M.M- 50

| QUESTION | EXPECTED ANSWER | MARKS | TOTAL |
|-----------------|---|----------------------|--------------|
| 1 | B) Shehenshahi calendar | 1 | 1 |
| 2 | A) dysentery | 1 | 1 |
| 3 | A) animal and human waste | 1 | 1 |
| 4 | A) filling ditches | 1 | 1 |
| 5 | C) female or male | 1 | 1 |
| 6 | Diseases | 1 | 1 |
| 7 | Mumbai | 1 | 1 |
| 8 | A statement 1 is correct | 1 | 1 |
| 9 | Intellectual labour | 1 | 1 |
| 10 | The nomads of Jammu and Kashmir are known as Gujjars | 1 | 1 |
| 11 | The lunar calendar depends on the movement of moon around the earth. The solar calendar depends on the motion of the earth around the sun. | 1 1 | 2 |
| 12 | <ul style="list-style-type: none">• It is celebrated at the end of Ramadan• Elders gives idi to youngsters• It is a day of forgetting and forgiving ill feelings | 2 | 2 |
| 13 | <ul style="list-style-type: none">• It is a source of vitamin D• It keeps the germs away | 2 | 2 |
| 14 | a. Uttarakhand b. Now a days they are made up of steel | 2 | 2 |

| | | | |
|-----|---|-------------|---|
| 15 | <p>a. Bamboo, straw, wood, mud</p> <p>b. I live in a permanent house made up of bricks and cement and Aman lives in a temporary house made up of straws and mud.</p> | 2 | 2 |
| 16 | <p>a. Recycling</p> <p>b. I) It reduces pollution.</p> <p>II) It saves energy.</p> | 2 | 2 |
| 17 | <p>1. Mining</p> <p>2. Tempering</p> <p>3. Moulding</p> <p>4. Drying</p> <p>5. Firing</p> | 2 | 2 |
| 18 | <p>There is always pride in quality work like the craftsmen of Kashmir are famous for their fine embroidery on shawls and dress material likewise the craftsmen of Gujarat are famous for their kacchi work of clothes. These craftsmen are respected for their quality work and they feel proud about it.</p> | 2 | 2 |
| 19 | <p>1. The life of people of Mizoram revolves around Bamboo as it grows in abundance there.</p> <p>2. They make their house with bamboo, sit on bamboo chairs etc.</p> | 2 | 2 |
| 20 | <p>1. Singapore</p> <p>2. Public</p> <p>3. Clean</p> <p>4. Punishment</p> | 2 | 2 |
| 21 | <p>A. a. Vijaydashmi</p> <p>B. b. Mysore</p> <p>C) a. victory of good over evil.</p> | 1 1 1 | 3 |
| 22. | <p>i) It will give off a bad smell.</p> <p>ii) Flies and mosquitoes will breed on the garbage.</p> <p>iii) It will cause diseases like malaria, jaundice etc.</p> | 1 1 1 | 3 |

