



**SINDHI HIGH SCHOOL, KK ROAD BANGALORE.**

**3<sup>rd</sup> PERIODIC TEST, 2023**

**ENGLISH- LANGUAGE AND LITERATURE**

**CLASS: IX**

**MAX MARKS: 30**

**DATE: 21.11.23**

**TIME: 1hr 10 mins**

**NO. OF PRINTED SIDES – 05.**

**General Instructions:**

**The paper is divided into 3 parts:**

- 1. Reading - 5 M**
- 2. Writing and Grammar- 10M**
- 3. Literature - 15 M**

**Section A:Reading (5m)**

**I. Read the text carefully and answer the questions:**

- 1. As the family finally sets off from home after many arguments, there is a moment of lull as the car takes off. "Alright, so where are we going for dinner now?" asks the one at the driving wheel. What follows is a chaos, as multiple voices make as many suggestions.**
- 2. By the time, order is restored and a decision is arrived at, tempers have risen, feelings injured and there is at least one person grumbling.**
- 3. Twenty years ago, you would step out of home, decision of meal and venue already made with no arguments or opposition and everybody looked forward to the meal with equal enthusiasm. The decision was made by the head of the family and the others fell in line. Today every member of the family has a say in every decision which also promotes a sense of togetherness and bonding.**

4. We empower our kids to take their own decisions from a very early age. We ask them the cuisine they prefer, the movie they want to see, the holiday they wish to go on and the subjects they wish to study.
5. It's a closely connected world out there, where children consult and guide each other. A parent's well-meaning advice can sound like nothing more than unnecessary preaching. How then do we reach our children through all the conflicting views and make the voice of reason be heard? Children today question choices and prefer to go with the flow.
6. What then is the best path to take? I would say the most important thing one can do is to listen. Listen to your children and their silences. Ensure that you keep some time aside for them, insist that they share their stories with you. Step into their world. It is not as complicated as it sounds; just a daily half an hour of the quality time would do the trick.

1. Twenty years ago, according to the passage, decisions were \_\_\_\_\_.

- a) unanimous, with no argument
- b) made by the children
- c) taken by the head of the family
- d) not taken by elders

2. The passage concludes that in modern times, children are \_\_\_\_\_ to take their own decision from a very early age.

- a) forbidden
- b) trained
- c) not given permission
- d) allowed

3. According to the passage, who said, "So, where are we going for dinner"?

- a) one of the passengers
- b) one of the guests
- c) narrator
- d) one at the steering



4. What is the message conveyed by this passage? Write any two points.

1. \_\_\_\_\_
2. \_\_\_\_\_

5. The writer used word "hurt" in para 2. What is the synonym of hurt as used in this paragraph? (1X5=5)

**Section B: Writing and Grammar (10m)**

II. Fill in the blanks by choosing the correct option given below.

a). Prachi \_\_\_\_\_ work hard as one week is left for her CA Final Examination.

- i). should                      ii). will                      iii). has to                      iv). May

b). He \_\_\_\_\_ be seventeen next week.

- i). should                      ii). will                      iii). must                      iv). Could

c). You \_\_\_\_\_ practice for longer hours as it will make your voice grow stronger.

- i). must                      ii). would                      iii). can                      iv). May

d). Select the most appropriate form of passive voice:

1. Who gave you the money?

- i) By whom was you given the money?
- ii) By whom were you given the money?
- iii) Who gave the money to you?
- iv) Who was given money by you?

2. His friends are accusing him of theft.

- i) He can be accused of theft by his friends.

- ii) He is being accused of theft by his friends.
- iii) He had been accused of theft by his friends.
- iv) He was accused of theft by his friends.

III. You are Kashish/Kailash, a strong believer in the theory that one must eat healthy food to live well. However, you are disturbed that your friends are junk food addicts. What is worse, are the advertisements that make eating junk food practical, easier and cheaper by way of attractive discounts, like the one given below. Write an article for your school magazine 'Awaz', talking about the problems of unhealthy eating, leading to various body disorders. Give a suitable heading to your article. (100-150 words) (5m)

**Section C: Literature (15m)**

IV. Read the given stanza and choose the option which is the most appropriate for the questions that follow: (1x3=3m)

They, too, aware of sun and air and water,  
Are fed by peaceful harvests, by war's long winter starv'd.  
Their hands are ours, and in their lines we read  
A labour not different from our own.

1. 'A labour not different from our own' means:

- a) Foreigners labour differently
- b) They do labour as we do
- c) Forms of work is different
- d) None of these.

1. What is the rhyming scheme of the given stanza?

- a) aabb      b) abab      c) abcc      d) Free verse

2. According to the poet James Kirkup, belonging to a different country doesn't make one

- a) Violent
- b) Different
- c) Carefree
- d) Indifferent

V. Answer any TWO of the following in 40-50 words. (3x2=6M)

- 1. How did Maria's co-trainees at the tennis academy trouble her? How did Maria cope with this?
- 2. What incidents during the Everest expedition show Santosh's concern for her team-mates?
- 3. What is the theme of the poem 'No men are Foreign'?

VI. Answer the following in 100-120 words. (6M)

A). Santosh decided to fight the system in her own quiet way, says the author. How did Santosh rebel but quietly?

OR

B). How has O. Henry featured friendship in the story, "The Last Leaf"?

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SINDHI HIGH SCHOOL K K Road BENGALURU

III PERIODIC TEST 2023-24

II LANGUAGE KANNADA

DATE 23/11/23

MARKS – 30

CLASS 9

TIME -1Hour

No of printed sides- 10

Reading time : 8-00 to 8-10am

Writing time : 8-10 to 9-10am

। ಕೆಳಗಿನ ಗದ್ಯ ಭಾಗವನ್ನು ಓದಿಕೊಂಡು ಅದರ ಕೆಳಗೆ ಕೊಟ್ಟಿರುವ ಪ್ರಶ್ನೆಗಳಿಗೆ ಉತ್ತರವನ್ನು ಬರೆಯಿರಿ.

ನೀರು ಭೂಮಿಯ ಮತ್ತು ಮಾನವ ದೇಹದ ಶೇಕಡ ಎಷ್ಟತ್ತರಷ್ಟಿದೆ. ಇಂದಿನ ಜಗತ್ತಿನಲ್ಲಿ ಲಕ್ಷಾಂತರ ಜಲಚರಗಳು ಮನುಕುಲವೂ ನೀರಿನ ಮೇಲೆ ಅವಲಂಬಿತವಾಗಿದೆ. ಎಲ್ಲ ಪ್ರಮುಖ ಕೈಗಾರಿಕೆಗಳಿಗೂ ಒಂದಲ್ಲ ಒಂದು ರೂಪದಲ್ಲಿ ನೀರು ಬೇಕಾಗುತ್ತದೆ. ಆದರೆ ಈ ಅಮೂಲ್ಯ ಸಂಪನ್ಮೂಲ ದಿನದಿಂದ ದಿನಕ್ಕೆ ಬರಿದಾಗುತ್ತಿದೆ. ಅದರ ಹಿಂದಿನ ಬಹುತೇಕ ಕಾರಣಗಳು ಮಾನವ ನಿರ್ಮಿತ. ಹೀಗಾಗಿ ಜಲ ಸಂರಕ್ಷಣೆಯು ಅತ್ಯಂತ ಅಗತ್ಯವಾದುದಾಗಿದೆ. ಈಗ ಹಿಂದೆಂದಿಗಿಂತಲೂ ಹೆಚ್ಚಿದೆ. ಲಭ್ಯವಿರುವ ಎಲ್ಲಾ ನೀರಿನಲ್ಲಿ ಕೇವಲ ಮೂರು ಪ್ರತಿಶತಷ್ಟು ಸಿಹಿನೀರು, ಆದ್ದರಿಂದ ಈ ನೀರನ್ನು ಬುದ್ಧಿವಂತಿಕೆಯಿಂದ ಮತ್ತು ಎಚ್ಚರಿಕೆಯಿಂದ ಬಳಸುವುದು ಅತ್ಯಗತ್ಯ. ಆದರೆ ನಾವು ಈವರೆಗೆ ಇದಕ್ಕೆ ವಿರುದ್ಧವಾಗಿ ಮಾಡುತ್ತಿದ್ದೇವೆ.

ಪ್ರತಿದಿನ ನಾವು ವಿವಿಧ ಉದ್ದೇಶಗಳಿಗಾಗಿ ನೀರನ್ನು ಬಳಸಿಕೊಳ್ಳುತ್ತೇವೆ. ಅದಕ್ಕೆ ಪೂರಕವಾಗಿ ನೀರನ್ನು ಮಲಿನಗೊಳಿಸುತ್ತಲೇ ಇರುತ್ತೇವೆ. ಕೈಗಾರಿಕೆಗಳು ಮತ್ತು ಕೊಳಚೆ ನೀರಿನ ಹೊರಸೂಸುವಿಕೆಯಿಂದ, ಹೊರಸೂಸುವ

ತ್ಯಾಜ್ಯಗಳು ನಮ್ಮ ಜಲ ಮೂಲಗಳಿಗೆ ನೇರವಾಗಿ ಸೇರುತ್ತದೆ. ಅದೇ ರೀತಿ ನದಿ ಪಾತ್ರಗಳ ಫಲವತ್ತಾದ ಮಣ್ಣನ್ನು ಅಜಾಗರೂಕತೆಯಿಂದ ಬಳಸಲಾಗುತ್ತಿದೆ. ಇದು ಪ್ರವಾಹಕ್ಕೂ ಕಾರಣವಾಗುತ್ತಿದೆ.

ರಾಷ್ಟ್ರೀಯ ಮಟ್ಟದಲ್ಲಿ ಮತ್ತೆ ವೈಯಕ್ತಿಕ ಮಟ್ಟದಲ್ಲಿ ನೀರನ್ನು ಸಂರಕ್ಷಿಸಲು ಅನೇಕ ಕ್ರಮಗಳನ್ನು ತೆಗೆದು ಕೊಳ್ಳಬಹುದು. ಮೊದಲನೆಯದಾಗಿ ನಮ್ಮ ಸರ್ಕಾರಗಳು ನೀರನ್ನು ಸಂರಕ್ಷಿಸಲು ಸಮರ್ಥ ಕಾರ್ಯತಂತ್ರಗಳನ್ನು ಜಾರಿಗೆ ತರಬೇಕು. ವೈಜ್ಞಾನಿಕ ಸಮುದಾಯವು ನೀರನ್ನು ಉಳಿಸಲು ಸುಧಾರಿತ ಕೃಷಿ ಸುಧಾರಣೆಗಳ ಮೇಲೆ ಕೆಲಸ ಮಾಡಬೇಕು. ಅದೇ ರೀತಿ ನಗರಗಳ ಸರಿಯಾದ ಯೋಜನೆ ಮತ್ತು ಜಾಹಿರಾತುಗಳ ಮೂಲಕ ಜಲ ಸಂರಕ್ಷಣೆಗೆ ಉತ್ತೇಜನ ನೀಡಬೇಕು. ವೈಯಕ್ತಿಕ ಮಟ್ಟದಲ್ಲಿ ಶರ್ಮ್ ಅಥವಾ ಟಬ್ ಗಳ ಬದಲಿಗೆ ಬಕೆಟ್ ಗಳನ್ನು ಆಯ್ಕೆ ಮಾಡುವ ಮೂಲಕ ನಾವು ಪ್ರಾರಂಭಿಸಬಹುದು. ಇದಲ್ಲದೆ ಹಲ್ಲುಜ್ಜುವಾಗ ಅಥವಾ ಪಾತ್ರೆಗಳನ್ನು ತೊಳೆಯುವಾಗ ನಲ್ಲಿಯನ್ನು ಬಂದ್ ಮಾಡುವ ಮೂಲಕ ನೀರನ್ನು ಉಳಿಸಬಹುದು. ತರಕಾರಿ ಮತ್ತು ಹಣ್ಣುಗಳನ್ನು ತೊಳೆದ ಮೇಲೆ ಆ ನೀರನ್ನು ವ್ಯರ್ಥಮಾಡದೆ ಸಸ್ಯಗಳಿಗೆ ನೀರುಣಿಸಲು ಬಳಸಬೇಕು. ಹೆಚ್ಚು ಹೆಚ್ಚು ಗಿಡಗಳನ್ನು ನೆಡಲು ಪ್ರಾರಂಭಿಸಬೇಕು. ಮಳೆನೀರು ಕೊಯ್ಲು ಕಡ್ಡಾಯಗೊಳಿಸಬೇಕು. ಇದರಿಂದ ಮಳೆಯ ಲಾಭ ಸಿಗುತ್ತದೆ.

ಪ್ರಶ್ನೆಗಳು -

(5)

೧ ಅಮೂಲ್ಯ ಸಂಪತ್ತಾದ ನೀರು ದಿನದಿಂದ ದಿನಕ್ಕೆ ಬರಿದಾಗುತ್ತಿರಲು ಕಾರಣಗಳು.

೧ ದಾನವನಿರ್ಮಿತ

೨ ಪ್ರಕೃತಿನಿರ್ಮಿತ

೨ ಮಾನವನಿರ್ಮಿತ

೪ ಯಂತ್ರನಿರ್ಮಿತ

೨ ಸಿಹಿ ನೀರಿನ ಪ್ರಮಾಣ

೧ ಮೂವತ್ತು ಪ್ರತಿಶತ

೨ ಮೂರು ಪ್ರತಿಶತ

೨ ಎರಡು ಪ್ರತಿಶತ

೪ ಐದು ಪ್ರತಿಶತ

೨ ನದಿ ಪಾತ್ರಗಳ ಫಲವತ್ತಾದ ಮಣ್ಣನ್ನು ----- ಯಿಂದ ಬಳಸಬೇಕಾಗುತ್ತಿದೆ.

೧ ಅಜಾಗರೂಕತೆಯಿಂದ

೨ ಎಚ್ಚರಿಕೆಯಿಂದ

೩ ಜವಾಬ್ದಾರಿ

೪ ಜಾಗರೂಕತೆ

೪ ಸರಿಯಾದ ಯೋಜನೆ ಮತ್ತು ----- ಮೂಲಕ ಜಲಸಂರಕ್ಷಣೆಗೆ ಉತ್ತೇಜನ ನೀಡಬೇಕು.

೧ ಕಿರುಚಿತ್ರಗಳ

೨ ಪ್ರದರ್ಶನಗಳ

೩ ಜಾಹಿರಾತುಗಳ

೪ ಚಿತ್ರ ಪ್ರದರ್ಶನಗಳ

೫ ತರಕಾರಿ ಮತ್ತು ಹಣ್ಣುಗಳನ್ನು ತೊಳೆದಾದ ಮೇಲೆ ನೀರನ್ನು ----- ಬಳಸಬೇಕು.

೧ ಬೆಳೆಗಳಿಗೆ ನೀರುಣಿಸಲು

೨ ಸಸ್ಯಗಳಿಗೆ ನೀರುಣಿಸಲು

೩ ಗಿಡಮರ ಬೆಳೆಸಲು

೪ ವಾಹನ ತೊಳೆಯಲು

II) ನಿಮ್ಮ ಊರಿನಲ್ಲಿ ಉತ್ತಮವಾದ ಬಸ್ ನಿಲ್ದಾಣವನ್ನು ಸ್ಥಾಪಿಸುವಂತೆ ಕೋರುತ್ತ ಅಧಿಕಾರಿಗಳು ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ ಇವರಿಗೊಂದು ಮನವಿ ಪತ್ರವನ್ನು ಬರೆಯಿರಿ. (4)

III) ಕೆಳಗಿನ ಪ್ರಶ್ನೆಗಳಿಗೆ ಸೂಚನೆಯಂತೆ ಉತ್ತರವನ್ನು ಬರೆಯಿರಿ.

ಅ) ಕೆಳಗಿನ ಪದಗಳನ್ನು ಬಿಡಿಸಿ ಸಂಧಿ ಹೆಸರಿಸಿ. (2)

೧ ಸುಧನ್ವಾರ್ಜನ

೨ ಬೀರೇಶ್ವರ

ಆ) ಕೆಳಗಿನ ಪದಗಳನ್ನು ವಿಗ್ರಹಿಸಿ ಸಮಾಸವನ್ನು ಹೆಸರಿಸಿ (2)

೧ ಏಳ್ಕೆಲೆ

೨ ಹಿಮ್ಮೆಳ

ಇ) ಕೆಳಗಿನ ವಾಕ್ಯವನ್ನು ವಿದ್ಯರ್ಥಕ ರೂಪಕ್ಕೆ ಬದಲಿಸಿ. (1)

೧ ನಿನಗೆ ಭಗವಂತನು ಒಳ್ಳೆಯದನ್ನು ಮಾಡನು.



೪) ಕೆಳಗಿನ ವಾಕ್ಯವನ್ನು ಕರ್ಮಣಿ ಪ್ರಯೋಗಕ್ಕೆ ಬದಲಿಸಿ .

(1)

೧ ನಾವು ಈ ಪುಸ್ತಕಗಳನ್ನು ಓದಿದೆವು.

೫) ಗೆರೆ ಎಳೆದ ಪದದ ವಿಭಕ್ತಿ ಮತ್ತು ಪ್ರತ್ಯಯವನ್ನು ತಿಳಿಸಿ.

(1)

೧ ಯಕ್ಷಗಾನದಲ್ಲಿ ನವರಸಗಳ ಅಭಿವ್ಯಕ್ತಿಗೆ ಅವಕಾಶವಿದೆ.

೬) ಕೆಳಗಿನ ಪದವನ್ನು ವಾಕ್ಯದಲ್ಲಿ ಬಳಸಿರಿ.

(1)

೧ ವೈವಿಧ್ಯಮಯ

೭) ಕೆಳಗಿನ ಪದಗಳಿಗೆ ಸಮಾನಾರ್ಥಕ ಪದಗಳನ್ನು ಬರೆಯಿರಿ.

(1)

೧ ವಾಡಿಕೆ

೨ ಛಾಪು

೮) ಕೆಳಗಿನ ಪದಕ್ಕೆ ನಾನಾರ್ಥವನ್ನು ಬರೆಯಿರಿ.

(1)

೧ ಹುಟ್ಟು

IV) ಕೆಳಗಿನ ಪ್ರಶ್ನೆಗಳಿಗೆ ಎರಡು ವಾಕ್ಯಗಳಲ್ಲಿ ಉತ್ತರಿಸಿ :-

(4)

೧ ವೀರಗಾಸೆ ಯಾವ ಸಂಪ್ರದಾಯಕ್ಕೆ ಸೇರಿದ ನೃತ್ಯವಾಗಿದೆ? ಇದರಲ್ಲಿ ಬಳಸುವ ವಾದ್ಯಗಳು ಯಾವುವು?

೨ ಯಕ್ಷಗಾನದ ಮೂರು ಶೈಲಿಗಳು ಯಾವುವು?

V) ಕೆಳಗಿನ ಪ್ರಶ್ನೆಗೆ ಮೂರು-ನಾಲ್ಕು ವಾಕ್ಯಗಳಲ್ಲಿ ಉತ್ತರಿಸಿ.

(3)

೧ ದೇವಗುಡ್ಡರಿಗೆ ಕಂಸಾಳೆಯ ಬಗ್ಗೆ ಇರುವ ಗೌರವ ಭಾವನೆ ಹೇಗೆ ವ್ಯಕ್ತಗೊಂಡಿದೆ? ವಿವರಿಸಿ.

VI) ಕೆಳಗಿನ ಪ್ರಶ್ನೆಗೆ ೮-೧೦ ವಾಕ್ಯಗಳಲ್ಲಿ ಉತ್ತರಿಸಿ.

(4)

೧ ಡೊಳ್ಳು ಬಾರಿಸುವ ಕಲಾವಿದರ ವೇಷಭೂಷಣಗಳು ಹೇಗಿರುತ್ತವೆ? ವಿವರಿಸಿ.



SINDHI HIGH SCHOOL, KK ROAD

III-PERIODIC TEST (2023-24)

SUBJECT- L2 HINDI

CLASS: 9

DATE: 23 .11.2023

No. of Sides:

MAX-MARKS: 30

READING TIME: 8.00 am to 8.10 am

WRITING TIME: 8.10am to 9.10 am

सामान्य निर्देश- निम्नलिखित निर्देशों को सावधानी से पढ़िए और उनका पालन कीजिए ।

1. प्रश्न-पत्र को चार खंडों में विभाजित किया गया है-क, ख, ग एवं घ ।
2. खंड क में अपठित गद्यांश पर आधारित प्रश्न हैं । (अंक-5)
3. खंड ख में व्याकरण पर आधारित प्रश्न हैं । (अंक-10)
4. खंड ग में पाठ्य पुस्तक पर आधारित प्रश्न हैं । (अंक-10)
5. खंड घ में रचनात्मक लेखन पर आधारित प्रश्न हैं । (अंक-5)

(खंड-क)

1. निम्नलिखित गद्यांश को पढ़कर उस पर आधारित प्रश्नों के उत्तर उपयुक्त विकल्प द्वारा दीजिए।

5

स्वतंत्र भारत का संपूर्ण दायित्व आज विद्यार्थी के ही ऊपर है क्योंकि आज जो विद्यार्थी हैं, वे ही कल स्वतंत्र भारत के नागरिक होंगे। भारत की उन्नति और उसका उत्थान उन्हीं की उन्नति और उत्थान पर निर्भर करता है। अतः विद्यार्थियों को चाहिए कि वे अपने भावी जीवन का निर्माण बड़ी सतर्कता और सावधानी के साथ करें। उन्हें प्रत्येक क्षण अपने राष्ट्र, अपने समाज, अपनी संस्कृति को अपनी आँखों के सामने रखना चाहिए ताकि उनके जीवन से राष्ट्र को कुछ बल प्राप्त हो सके। जो विद्यार्थी राष्ट्रीय दृष्टिकोण से अपने जीवन का निर्माण नहीं करते, वे राष्ट्र और समाज के लिए भार-स्वरूप होते हैं। विद्यार्थी का लक्ष्य विद्योपार्जन है। भली-भाँति विद्योपार्जन करके वह राष्ट्र के प्रति अपने कर्तव्य का निर्वाह सुचारु रूप से कर सकता है। राजनीति उसके इस लक्ष्य की पूर्ति नहीं कर सकती। राजनीति वास्तव में धूर्तों का खेल है, जो अनेक दाँव पेंच खेलकर जीवन में सफलता प्राप्त कर लेते हैं। यह सरल एवं शुद्ध-हृदय विद्यार्थी के वश का रोग नहीं है। राजनीति छात्रों के अध्ययन में बाधा ही नहीं डालती वरन् उन्हें गुमराह भी कर देती है। अतः छात्रों को चाहिए कि सर्वप्रथम अपने आपको योग्य बनाने के बाद ही वे राजनीतिक क्षेत्र में कदम रखें।

1. भारत की उन्नति और उत्थान किन पर निर्भर हैं ?
  - (i) वेशभूषा पर
  - (ii) विद्यार्थियों पर
  - (iii) बुजुर्गों पर
  - (iv) मनोरंजन पर



2. राष्ट्र और समाज के निर्माण के लिए दृष्टिकोण आवश्यक है-

- (i) सामाजिक (ii) राष्ट्रीय  
(iii) आर्थिक (iv) सांस्कृतिक

3. कौन सा कथन असत्य है?

- (i) राजनीति धूर्तों का खेल है (ii) राजनीति छात्रों को गुमराह करती है  
(iii) विद्यार्थी का लक्ष्य अर्थोपार्जन है (iv) विद्यार्थी ही स्वतंत्र भारत के नागरिक होंगे

4. छात्रों को राजनीति में भाग क्यों नहीं लेना चाहिए?

- (i) क्योंकि राजनीति धूर्तों का खेल है (ii) राजनीति सरल हृदय विद्यार्थियों के वश की नहीं है  
(iii) यह छात्र जीवन में बाधा डालती है (iv) उपर्युक्त सभी

5. राष्ट्र के प्रति कर्तव्य का सुचारु रूप से निर्वाह विद्यार्थी किस प्रकार कर सकता है?

- (i) संस्कृति द्वारा (ii) विद्या द्वारा  
(iii) समाज द्वारा (iv) अर्थ द्वारा  
(खंड-ख)

II. व्याकरण के आधार पर प्रश्नों के उत्तर लिखिए-

1X10 =10

1. अनुचित स्थान पर लगे अनुनासिक वाले शब्द को छाँटिए- 1  
(i) झलकियाँ (ii) पत्रिकाएँ (iii) भावनाएँ (iv) बोलियाँ
2. नीचे दिए गए शब्दों में से उचित स्थान पर लगे अनुस्वार वाला शब्द छाँटिए- 1  
(i) अंजता (ii) निरंतर (iii) सपांदन (iv) इंकार
3. 'वन+औषधि' का संधिस्थ शब्द होगा- 1  
(i) वनौषधि (ii) वनोषधि (iii) वनौषधी (iv) वनौष्धि
4. 'हम' उपसर्ग रहित शब्द छाँटकर लिखिए- 1  
(i) हमवतन (ii) हरमाह (iii) हमदम (iv) हमजोली
5. किस शब्द में प्रत्यय नहीं लगा है- 1  
(i) पराजय (ii) पुजापा (iii) बाजीगर (iv) लड़कपन
6. सामान्यतया शब्द में कौन-सा प्रत्यय प्रयुक्त हुआ है? 1  
(i) या (ii) तया (iii) आ (iv) तय



7. आलस्य मनुष्य का शत्रु है; इससे दूर रहो। वाक्य में कौन-सा विराम चिह्न प्रयुक्त हुआ है? 1  
 (i) कोष्ठक (ii) प्रश्नचिह्नक (iii) अर्द्धविराम (iv) विस्मयचिह्नक
8. 'मैं कृष्ण के घर पहुँचा परन्तु वह नहीं मिला' इस वाक्य में कौन सा विराम चिह्न लगाया? 1  
 (i) " (ii) ' (iii) ! (iv) .
9. 'वह बहुत जोर से हँस रहा है।' इस वाक्य को 'विस्मय वाचक' वाक्य में बदल कर लिखिए - 1  
 (i) अरे! वह बहुत जोर से हँस रहा है।  
 (ii) वह बहुत जोर से क्यों हँस रहा है।  
 (iii) वह बहुत जोर से नहीं हँस रहा है।  
 (iv) अरे वह बहुत जोर से हँस रहा है।
10. अभय डॉक्टर है।' इस वाक्य को निषेध वाचक वाक्य में कैसे लिखा जाएगा - 1  
 (i) क्या अभय डॉक्टर है।  
 (ii) अरे! अभय डॉक्टर है।  
 (iii) अभय डॉक्टर नहीं है।  
 (iv) अभय डॉक्टर क्यों है।

(खंड-ग)

III. निम्नलिखित प्रश्नों के उत्तर लगभग 60 शब्दों में लिखिए।

2X5=10

1. त्रिपुरा 'बहुधार्मिक समाज' का उदाहरण कैसे बना?
2. नए बसते इलाके में कवि रास्ता क्यों भूल जाता है?
3. कवि एक घर पीछे या दो घर आगे क्यों चल देता है??
4. 'खुशबू रचनेवाले हाथ' कविता में कितने तरह के हाथों की चर्चा हुई है?
5. जहाँ अगर बतियाँ बनती हैं, वहाँ का माहौल कैसा होता है?

(खंड-घ)

IV. आप अपने विद्यालय के छात्र-छात्राओं के साथ बाढ़ पीड़ितों की मदद के लिए जाना चाहते हैं। इसके लिए अनुमति माँगते हुए अपने पिता जी को पत्र लिखिए। 2.5

V. मोबाइल फ़ोन से बच्चों की पढ़ाई प्रभावित हो रही है। इस बारे में दो महिलाओं की बातचीत को संवाद रूप में लिखिए 2.5



## SINDHI HIGH SCHOOL – K.K. ROAD, BANGALORE

PERIODIC TEST - 3

SUBJECT: **संस्कृतम्**

CLASS : IX

DATE : 23 / 11 /2023

NUMBER OF SIDES : 05

Max Marks : 30

TIME : 1hrs

READING TIME : 8:00 – 8:10am

Writing Time: 8:10 – 9:10am

### सामान्यनिर्देशाः –

- कृपया सम्यक्तया परीक्षणं कुर्वन्तु यत् अस्मिन् प्रश्नपत्रे 05 पृष्ठानि मुद्रितानि सन्ति ।
- कृपया सम्यक्तया परीक्षणं कुर्वन्तु यत् अस्मिन् प्रश्नपत्रे 08 प्रश्नाः सन्ति ।
- उत्तरलेखनात् पूर्वं प्रश्नस्य क्रमाङ्कः अवश्यं लेखनीयः ।

### प्रश्नपत्रस्वरूपम् –

खण्डः क – (अपठित - अवबोधनम्)	05 अङ्काः
खण्डः ख – (रचनात्मकम् – कार्यम्)	13 अङ्काः
खण्डः ग – (अनुप्रयुक्तम् - व्याकरणम्)	06 अङ्काः
ई भागः - (पठित - अवबोधनम्)	06 अङ्काः

(i) अस्मिन् प्रश्नपत्रे चत्वारः विभागाः सन्ति ।

(ii) प्रत्येकं खण्डम् अधिकृत्य उत्तराणि एकस्मिन् स्थाने क्रमेण च लेखनीयानि ।

(iii) प्रशसङ्ख्या प्रश्नानुसारम् अवश्यमेव लेखनीया ।

(iv) सर्वेषां प्रश्नानाम् उत्तराणि संस्कृतेनैव लेखनीयानि ।

(v) प्रश्नानां निर्देशाः ध्यानेन अवश्यं पठनीयाः ।



**खण्ड: - क - (अपठित - अवबोधनम्)**

1. एकस्मिन् ग्रामे जगत्पालो नाम एकः सज्जनो वसति । तस्य पत्नी कला अस्ति । जगत्पालः सप्तत्रिंशद्वर्षीयः कला द्वात्रिंशद्वर्षीया च । जगत्पालस्य हृदयमतीव उदारं कलायाः स्वभावश्चातीव मधुरो वर्तते । तौ दम्पती सुखेन वसतः । तयोः द्वे सन्तती स्तः - एकस्तनयः एका च तनया । तनयस्य नाम विवेकः तनयायाश्च नाम प्रतिभा अस्ति । विवेकः एकादशवर्षीयः प्रतिभा च सप्तवर्षीया । विवेकः सप्तमकक्षयायां पठति , प्रतिभा च तृतीयायाम् ।

आम्र - निम्ब - मधूकादि वृक्षाणां छायासु स्थितं जगत्पालस्य गृहमत्यन्तं रमणीयं वर्तते । जगत्पालः एकः उद्योगी कुशलश्च कृषकः । सः सर्वदा कृषिकार्ये संलग्नः स्व कर्तव्यं पालयति । सः परिश्रमं कृत्वा स्वक्षेत्रे पर्याप्तम् अन्नं , शाकं , फलं च उत्पादयति । तस्य गृहे एका श्वेतधेनुः वर्तते । सा यथेप्सितं दुग्धं ददाति ।

१. एकपदेन उत्तरत ।

( $\frac{1}{2} \times 2 = 1$ )

अ. जगत्पालस्य तनयस्य नाम किम् ?

आ. का यथेप्सितं दुग्धं ददाति ?

२. एकवाक्येन उत्तरं लिखत ।

( $1 \times 2 = 2$ )

अ. कुत्र स्थितं जगत्पालस्य गृहमत्यन्तं रमणीयं वर्तते ?

आ. जगत्पालस्य स्वभावः कथम् आसीत् ?

३. यथानिर्देशं लिखत ।

( $1 \times 2 = 2$ )

अ. तस्य गृहे एका श्वेता धेनुः वर्तते - अस्मिन् वाक्ये विशेषणं किम् ?

आ. प्रतिभा सप्तवर्षीया आसीत् । अत्र क्रियापदम् किम् ?

**खण्ड: - ख - (रचनात्मकं कार्यम्)**

( $\frac{1}{2} \times 10 = 5$ )

II. भवान् प्रचेतः दिल्ली नगरस्य शाहदरा क्षेत्रस्य महर्षि दयानन्द वीथौ निवसति । तत्र जलपूर्ति सुचारुरूपेण कारयितुं भवान् नगरनियमस्य सहायक आयुक्तं मञ्जूषायाः सहायतया स्थानानि पूरयन् पत्रं लिखतु -

प्रेषकः

प्रचेतः आर्यः

(i) \_\_\_\_\_

शाहदरा दिल्ली नगरम्

पिन् - 110021

दिनाङ्कः : \_\_\_\_\_



सेवायाम्,

श्रीमन्तः (ii) \_\_\_\_\_ ।

नगर निगम दिल्ली

नवदिल्ली .

पिन् - 110001

विषयः - स्वामी दयानन्दवीथिक्षेत्रे सुचारुरूपेण जलपूर्ति करणाय -

महोदय ,

(iii) \_\_\_\_\_ निवेदनमस्ति यत् अहं दिल्लीनगरस्य (iv) \_\_\_\_\_

क्षेत्रस्य महर्षि दयानन्दवीथिः क्षेत्रे (v) \_\_\_\_\_ । पूर्वं तु जलपूर्तिः सम्यक्तया

(vi) \_\_\_\_\_ स्म । परं द्वित्रि मासेभ्यः अत्र जलप्राप्तिः सम्यक्तया न भवति । अत्रत्याः सर्वे जनाः

जलाभावात् (vii) \_\_\_\_\_ सन्ति । अतः अहं (viii) \_\_\_\_\_ निवेदयामि यत्

भवान् कृपया अस्मिन् (ix) \_\_\_\_\_ जलापूर्तिं सम्यक् करोतु । भवताम् अहं आभारी

भविष्यामि । सधन्यवादम् ।

इति भवतां विश्वासपात्रम्

(x) \_\_\_\_\_

मञ्जूषा - भवति , प्रचेतः , आर्यः , सहायक आयुक्त महोदयाः , महर्षिदयानन्द वीथिः , भवद्भ्यः , पीडिताः क्षेत्रे , सविनयम् , शाहदरा , निवसामि

III. चित्रं दृष्ट्वा मञ्जूषायाः सहायेन पञ्चवाक्यानि लिखत ।

(1x3=3)



मञ्जूषा - दीपावलिः , अस्ति , बालाः , उत्साहेन , गृहाणि , वृक्षाः , लसन्ति , आनन्देन , उत्सवः

IV. संस्कृतभाषया अनुवादं कुरुत । (केवलं पञ्च)

(1x5=5)

१	Read the lesson aloud.	पाठ को पढ़कर सुनाओ ।
२	Pleasure of life is in sacrifice.	जीवन का सुख त्याग में है ।
३	Atma lives in the body.	आत्म का निवास शरीर में होता है ।
४	I have many fruits.	मेरे पास बहुत फल हैं ।
५	You all study carefully.	तुम सब ध्यान से पढ़ो ।
६	You all write in pen.	तुम सब कलम से लिखो ।

खण्ड: - ग - (अनुप्रयुक्तं व्याकरणम्)

V. मञ्जूषा साहाय्येन समुचितानि अव्ययानि चित्वा लिखत । (केवलं प्रश्नत्रयम्)

(1x3=3)

मञ्जूषा - संप्रति, किम्, बहिः, मा

१. मोहनः ! त्वं गृहात् \_\_\_\_\_ गच्छ ।
२. \_\_\_\_\_ इदानीं रात्रिः अस्ति ?
३. तमसि बहिः \_\_\_\_\_ गन्तव्यम् ।
४. अहं तु \_\_\_\_\_ त्वया सह आगमिष्यामि ।

VI. अधोलिखितेषु पदेषु उपसर्गान् - धातून् च पृथक् / संयोजनम् कुरुत ।

(केवलं प्रश्नत्रयम्)

(1x3=3)

१. माता पुत्रः च परस्परं सम् + वदतः = \_\_\_\_\_
२. गुरुः आश्रमम् प्रविशति = \_\_\_\_\_
३. नागरिकाः एव स्वदेशं उन्नयन्ति = \_\_\_\_\_
४. वयं चलच्चित्रं द्रष्टुम् अत्र आङ् + गच्छाम = \_\_\_\_\_

खण्ड: - घ - (पठित - अवबोधनम्)

VII. श्लोकस्य अन्वयं मञ्जूषायाः साहायेन पूरयत ।

( $\frac{1}{2} \times 4 = 2$ )

तस्य तीक्ष्णनखाभ्याम् तु चरणाभ्याम् महाबलः ।

चकार बहुधा गात्रे व्रणान्यतगसत्तमः ॥

अन्वयः - पतगसत्तमः (i) \_\_\_\_\_ (खगः) (ii) \_\_\_\_\_

चरणाभ्याम् तस्य (iii) \_\_\_\_\_ बहुधा (iv) \_\_\_\_\_ चकार ।

मञ्जूषा - गात्रे, महाबलः, व्रणान्, तीक्ष्णनखाभ्याम्

VIII. अनुच्छेदं पठित्वा प्रश्नानाम् उत्तराणि लिखत ।

तदा खिन्नो बालकः एते पक्षिणः मानुशुषु नोपगच्छन्ति । तद् अन्वेषयामि अपरं मानुषोचितं विनोदपितारम्  
इति विचिन्त्य पलायमानं कमपि क्षानम् अवलोकयत् । प्रीतो बालः तम् इत्थं सम्बोधयत् - रे मानुषाणां  
मित्र । किं पर्यटासि अस्मिन् निदाघदिवसे ? इदं प्रच्छायशीतलं तरुमूलम् आश्रयस्व । अहमपि  
क्रीडासहायं त्वामेव नुरूपं पश्यामि इति । कुक्कुरः प्रत्यवदत् -

"यो मां पुत्रप्रीत्या पोषयति स्वामिनो गृहे तस्य ।

रक्षानियोगकरणात् मया भ्रष्टव्यमीषदपि ॥" इति

अ. एकवाक्येन उत्तरत ।

( $1 \times 2 = 2$ )

१. कुक्कुरं पुत्रप्रीत्या कः पोषयति ?

२. बालः कुक्कुराय किम् अवब्रूयत् ?

आ. यथानिर्देशं लिखत ।

( $1 \times 2 = 2$ )

१. 'उपगच्छन्ति' इति क्रियापदस्य कर्तृपदं किम् ?

२. 'कुक्कुरः' इति पदस्य पर्यायः अत्र कः प्रयुक्तः ?

.....शुभम् भूयात्.....





SINDHI HIGH SCHOOL, K.K. ROAD, BENGALURU.

Periodic Test-3 2023-2024

Subject: Mathematics(Standard)

Class: IX

Max marks: 30

Date: 22 / 11 / 2023

Reading time: 8 to 8:10am

No. of printed sides: 3

Writing time: 8:10 to 9:10am

GENERAL INSTRUCTIONS

All questions are compulsory.

Part - A consists of 6 mcqs carrying 1 mark each.

Part - B consist of 3 short answer questions carrying 2 marks each

Part - C consist of 3 short answer questions carrying 3 marks each

Part - D consist of 1 questions carrying 5 marks

Part - E consists of one case study question carrying  $1 \times 2 \times 1 = 4$  marks

S no.	Part A	Marks
1.	The co-efficient of $x^2$ in $(3x^2 - 5)(4 + 4x^2)$ is a. 12      b. 5      c. -8      d. 8	1
2.	An isosceles right triangle has area $18\text{cm}^2$ . The length of its height is a. 6cm      b. 8cm      c. 7cm      d. 4cm	1
3.	The class mark of frequency distribution are 10, 20, 30, ..... The class representing the class mark 30 is a. 20-40      b. 30-40      c. 25, 30      d. 25, 35	1
4.	One of the linear factors of $3x^2 + 8x + 5$ is a. $(x+1)$ b. $(x+2)$ c. $(x-2)$ d. $(x-4)$	1
5.	Two sides of a triangle are 13cm and 14cm and its semi-perimeter is 18cm. The third side of this triangle is a. 13 cm      b. 14 cm      c. 9 cm      d. 10 cm	1

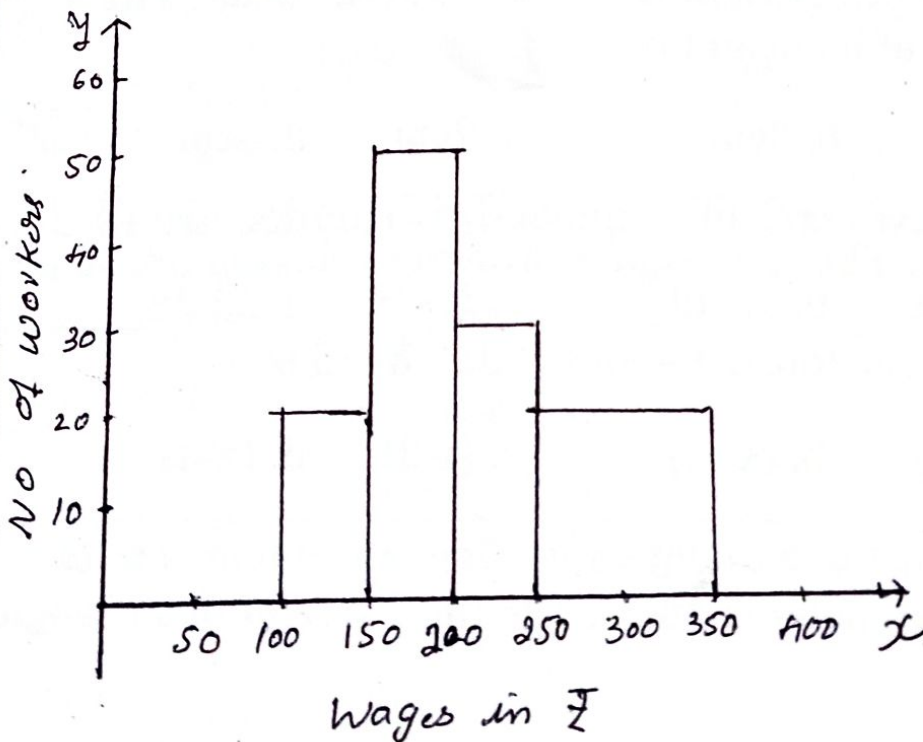
6.	<p><b>Assertion:</b> The class width for the grouped frequency distribution of the class intervals 1-20,21-40,41-60,..... is 20.</p> <p><b>Reason:</b> Class width is the same as class mark.</p> <p>a. Both assertion and reason are correct and reason is the correct explanation for assertion</p> <p>b. Both assertion and reason are correct and Reason is not the correct explanation for Assertion.</p> <p>c. Assertion is true but the reason is false.</p> <p>d. Both assertion and reason are false.</p>	1
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Part B

7.	If $x-2a$ is the factor of $x^5-4a^2x^3+2x+2a+3$ , find $a$ .	2
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8	Find the area of an equilateral triangle whose perimeter is 162cm ( use $\sqrt{3}=1.73$ )	2
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9.	In the given figure, there is a histogram depicting daily wages of workers in a factory. Construct frequency distribution table.	2
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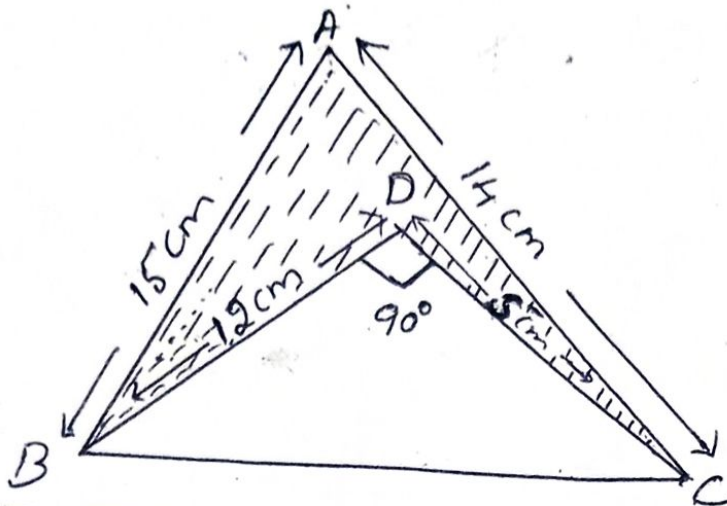


Part C

10. Factorise using factor theorem.  
 $x^3 - 6x^2 + 3x + 10$

11. If  $f(x) = x^3 - 3x^2 + 3x - 4$ , then find  $f(2) + f(-2) + f(0)$ .

12. Find the area of shaded part.



Part D

13. Construct a histogram and the frequency polygon for the following data.

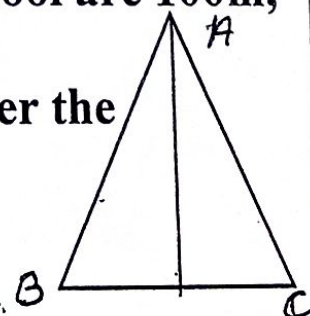
Daily earrings	No. of shops
0-20	3
20-40	5
40-60	8
60-80	6
80-100	3

Part E  
Case study

14. The school principal gave a contract to a company to plant grass in the park at the rate of Rs.4500 per  $m^2$ . The sides of a triangular park of the school are 100m, 100m and 120m.

On the basis of above information answer the following questions.

- 1) Find the area of the park.
- 2) What is the height of the park?
- 3) Find the cost of grazing the whole park.



1  
2  
1





**SINDHI HIGH SCHOOL, K.K. ROAD, BENGALURU.**

**Periodic Test-3 2023-2024**

**Subject: Mathematics(Basic)**

**Class: IX**

**Max marks: 30**

**Date: 22 / 11 / 2023**

**Reading time: 8 to 8:10am**

**No. of printed sides:3**

**Writing time :8:10 to 9:10am**

**GENERAL INSTRUCTIONS**

All questions are compulsory.

Part - A consists of 6 mcqs carrying 1 mark each.

Part - B consist of 3 short answer questions carrying 2 marks each

Part - C consist of 3 short answer questions carrying 3 marks each

Part - D consist of 1 questions carrying 5 marks

Part - E consists of one case study question carrying 1+2+1=4marks

S no.	<u>Part A</u>	Marks
1.	8 is the polynomial of degree a. 1      b. $\frac{1}{2}$ c. 8      d. 0	1
2.	The width of the class interval 70.5 - 75.5 is a. 5      b. 2.5      c. 0.5      d. 10	1
3.	The semi perimeter of an equilateral triangle is 45cm. The length of each side is a. 44cm      b. 30cm      c. 35cm      d. 40cm	1
4.	The zeroes of $f(x) = x^2 + 2x$ are a. 0, -2      b. 1, 2      c. 0, 2      d. 1, -2	1
5.	An isosceles right triangle has area 8 square cm, the length of its base is a. 8cm      b. 4cm      c. 6cm      d. 5cm	1

6.	<p><u>Assertion</u>: The class interval needs to be continuous while drawing a histogram.</p> <p><u>Reason</u>: Histogram is a rectangular diagram using frequency distribution which is joined to one another.</p> <p>a. Both assertion and reason are correct and reason is the correct explanation for assertion</p> <p>b. Both assertion and reason are correct and reason is not the correct explanation for assertion.</p> <p>c. Assertion is true but the reason is false.</p> <p>d. Both assertion and reason are false.</p>	1
<u>Part B</u>		
7.	The class mark of a particular class is 6.5 and its class-size is 3. Write the next 3 classes if they are continuous.	2
8	If the area of an equilateral triangle is $81\sqrt{3}$ square cm, find its side and its perimeter.	2
9.	For what value of m is $(x + 1)$ the factor of $8x^4 + 4x^3 - 16x^2 + 10x + m$ .	2
<u>Part C</u>		
10.	The perimeter of a triangular garden is 900 cm and its sides are in the ratio 3:5:4. Using Heron's formula find the area of the triangular garden.	3
11	If $p(x) = 8x^3 - 6x^2 - 4x + 3$ , evaluate $f(2) - f(1) + f(0)$	3
12.	Using factor theorem, factorise $x^2 + 2x^2 - x - 2$	3



**Part D**

13. In a city the weekly observations made in a study on the cost of living index are given in the following table

5

Cost of living	No. of weeks
140-150	15
150- 160	5
160-170	6
170-180	2
180-190	20

Construct a frequency polygon for the above data (Without constructing a histogram).

**Part E**  
**Case study**

- 14 Two brothers Ashish and Amit wanted to start a business together. They decided to share their amount depending upon the variable expenditure. The amount of two partners is given by the expression  $12x^2+11x-15$ , which is the product of their individual share factors. On the basis of above information answer the following questions.

1) Find individual share factor of Ashish and Amit in terms of 'x'

1

2) Find the total expenditure of Ashish and Amit when  $x=Rs100$

2

3) Find the value of 'x' if their shares are equal.

1





Sindhi High school K.K.Road, Bengaluru

Periodic Test-3 (2023-24)

Social science

Class: 9

Marks: 30

Date:24.11.23

Reading Time:8.00-8.10

No. of sides:3

Writing time:8.10-9.10

The question paper consists of 14 questions.

Section A consists of 1-mark questions.

Section B consists of 2- mark questions.

Section C consists of 3-mark questions.

Section D consists of 5- mark questions

Section A		
1.	Which among the following is correct- a. The rainfall in Rajasthan region was in plenty during the colonial rule. b. By October the Dhangars harvested their bajra and started on their move west. c. Not all pastoralist in India operated in the mountains as they were able to be found in the Plateaus, Plains and deserts. d. all the above.	1

2.	Who among the following is the head of the state and is the highest authority in the country.  a. President  c. Governor	b. Prime Minister  d. Chief Minister	1
3.	A. The Rajya Sabha is called the upper chamber.  R. The Rajya Sabha is more powerful than the Lok Sabha.  a. A and R is true but R is the correct explanation of A.  b. 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.		1
4.	The Bengal famine of 1943 killed _____ people.  a. Thirty-one lakh  c. Thirty-two lakh	b. Thirty lakh  c. Thirty-three lakhs	1
5.	_____ and _____ recorded significant production of rice.  a. Uttar Pradesh and Madhya Pradesh  b. West Bengal and Uttar Pradesh  c. West Bengal and Madhya Pradesh  d. Punjab and Himachal		1
6.	Which of the following crops is associated with the winter rainfall-		1

	a. Zaid c. Kharif	b. Rabi c. None of these	
<b>Section B</b>			
7.	Write about the lifestyle of Gujars of Kangra.		2
8	Lok Sabha exercise its control over the council of minister. Infer		2
9.	Distinguish between Chronic Hunger and seasonal hunger.		2
10.	"India has diverse climatic conditions" Support this statement by giving examples, each of temperature and precipitation.		2
<b>Section C</b>			
11.	Highlight the significance of parliament in a democracy.		3
12.	Explain the dimensions of Food security.		3
<b>Section D</b>			
13.	Trace the movement of pastoral nomads of the Plateaus.		3
14	Explain the distinctive features of the South West monsoon.		3





SINDHI HIGH SCHOOL, K K ROAD, BANGALORE  
THIRD PERIODIC TEST (2023-2024)  
SUBJECT- SCIENCE

Class: IX  
Date: 20.11.2023  
No. of sides: 2

Max marks: 30  
Timings: 8:00 am to 9:10 am  
Reading Time: 8:00 am to 8:10 am  
Writing Time: 8:10 am to 9:10 am

GENERAL INSTRUCTIONS:

- (i) All questions are compulsory.
- (ii) Section A- All question numbers 1 to 6 carrying one-mark comprises of MCQ and the Assertion – Reason type questions.
- (iii) Section B- Question numbers 7 to 9 are short answer type questions, carrying 3-marks each.
- (iv) Section C- Question numbers 10 to 12, long answer type questions carrying 5 marks each.

S No	Questions	Marks
	<b>Section A</b>	
	<b>Choose the correct answer</b>	
1	A student carries a bag weighing 5 kg from the ground floor to his class on the first floor that is 2 m high. The work done by the boy is (a) 1 J (b) 10 J (c) 100 J (d) 1000 J	1
2	An element X is divalent and another element Y is tetravalent. The compound formed by these two elements will be: (a) XY (b) XY <sub>2</sub> (c) X <sub>2</sub> Y (d) XY <sub>4</sub>	1
3	Choose the macronutrients from the given option. (a) Calcium, sulphur and zinc (b) Nitrogen, phosphorus and potassium (c) Calcium, magnesium and copper (d) Nitrogen, iron and chlorine	1
	<b>NOTE: In the following questions 4-6, a statement of Assertion is followed by a statement of Reasoning. Choose the correct answer from the following options.</b>	

	<p>a) Both assertion and reason are correct statements, and reason is the correct explanation for assertion.</p> <p>b) Both assertion and reason are correct statements but reason is not the correct explanation for assertion.</p> <p>c) Assertion is correct but reason is the wrong statement.</p> <p>d) Assertion is wrong but reason is the correct statement.</p>	
4	<p>Assertion: When the force retards the motion of a body, the work done is negative.</p> <p>Reason: Work done depends on angle between force and displacement.</p>	1
5	<p>Assertion: Molecular weight of oxygen is 16.</p> <p>Reason: Atomic weight of oxygen is 16.</p>	1
6	<p>Assertion: Wheat is a Rabi crop.</p> <p>Reason: Wheat is completely grown in the month of June to October.</p>	1
<b>Section B</b>		
7	A body of mass 4 kg initially at rest is subjected to a force of 16 N. What is the kinetic energy acquired by the body at the end of 10 s?	3
8	<p>(a) Write the chemical formulae of the following.</p> <p>(i) Calcium oxide</p> <p>(ii) Aluminium chloride</p> <p>(b) Calculate the formula unit mass of <math>K_2CO_3</math>, given the atomic masses of K = 39 u, C = 12 u, and O = 16 u.</p> <p>(c) Find the ratio by mass of the combining elements in <math>C_2H_5OH</math>.</p>	3
9	<p>(a) "Shorter the duration of the crop from sowing to harvesting, the more economical is the variety". Justify.</p> <p>(b) Differentiate between composting and vermicomposting.</p>	3
<b>Section C</b>		
10	<p>(a) A force of 7 N acts on an object. The displacement is, say 8 m, in the direction of the force. Let us take it that the force acts on the object through the displacement. What is the work done in this case?</p> <p>(b) When an arrow is shot from its bow, it has kinetic energy. From where does it get the kinetic energy?</p> <p>(c) What are the factors on which the work done depends?</p> <p>(d) Derive an expression for kinetic energy of a body having mass <math>m</math> and moving with a velocity <math>v</math>.</p>	5
11	<p>(a) Give two drawbacks of Dalton's atomic theory.</p> <p>(b) Define the atomic mass unit.</p> <p>(c) What are polyatomic ions? Give two examples.</p>	5
12	<p>(a) Explain about organic farming.</p> <p>(b) Excess use of fertilizers is detrimental for the environment. Give reason.</p> <p>(c) What are the two desirable agronomic characteristics for crop improvement?</p>	5