

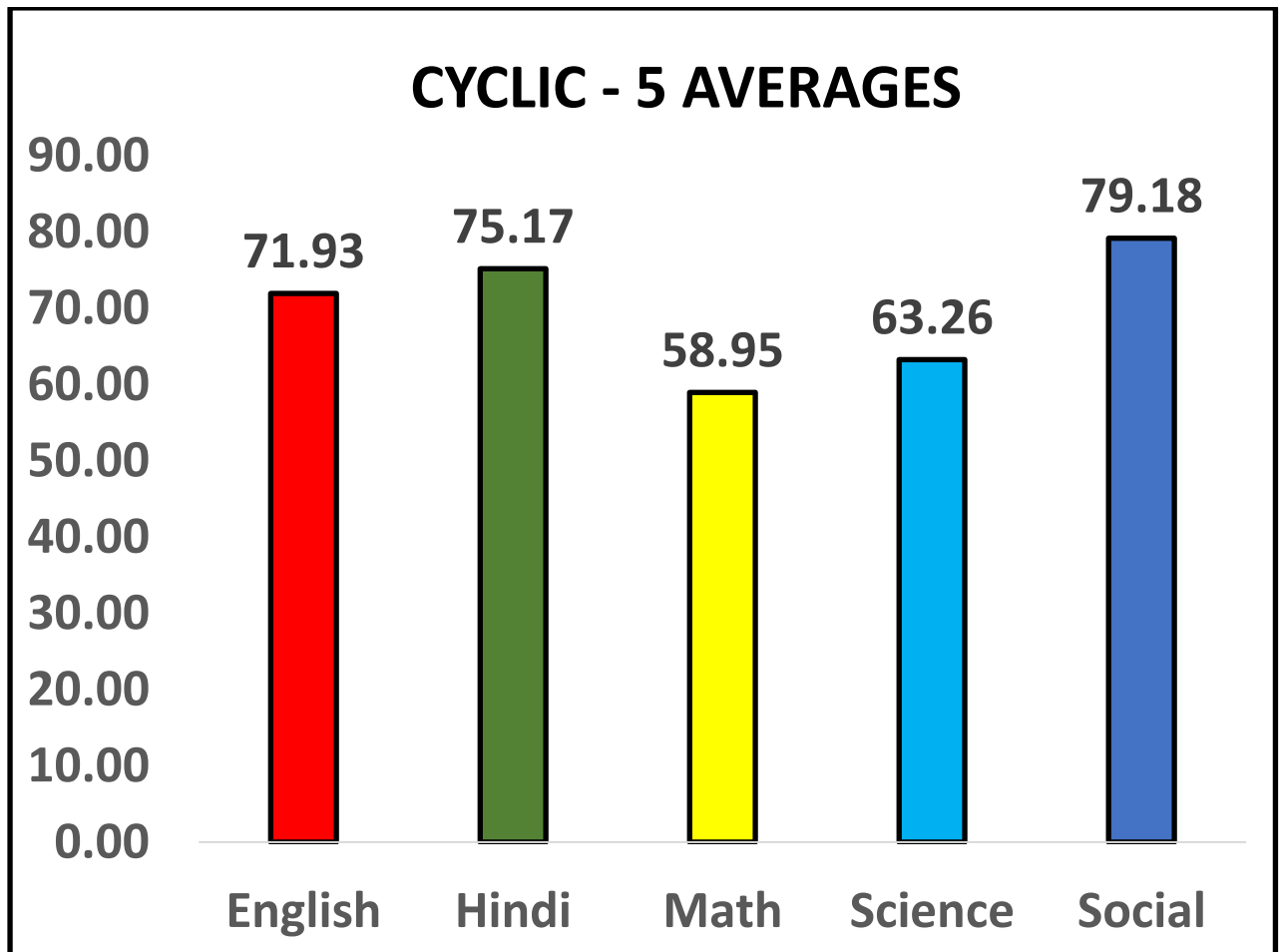


SANGHAMITRA SCHOOL

CLASS – X CYCLIC TEST – V RESULT ANALYSIS

- **Exam Dates:** 17.09.2021 to 22.09.2021
- **No. of students – 158**
- **Type of Test :** MCQ (40 Questions)
- **Marks - 40**
- **Time Allotted:** 90 min.

GRAPHICAL REPRESENTATION



CLASS 10 ENGLISH CYCLIC- 5 ANALYSIS

NO. OF. STUDENTS : 158

NO. OF. ABSENTEES : 20

NO. PRESENT : 138

CRITICAL QUESTION

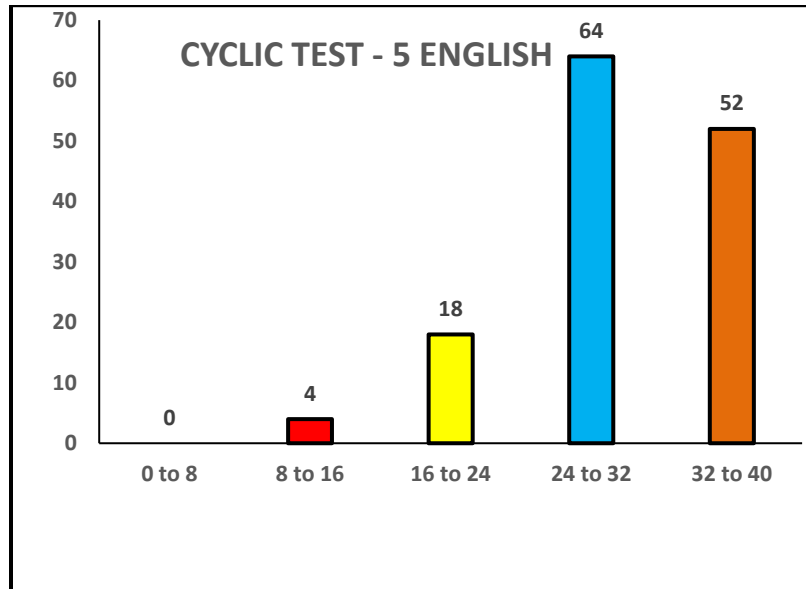
CHOOSE THE APT INTRODUCTION OF THIS LETTER FROM THE GIVEN OPTIONS.

- a. Through the columns of your extreme daily I wish to highlight the problem of growing dependence on Internet as a homework tool.
- b. I would like to highlight the problem of growing dependence of the present generation on Internet as a homework tool.
- c. I wish to bring to your notice on the growing tendency of young children on Internet as a homework tool.
- d. Kindly allow me to use your newspaper to highlight the problem of growing dependence on Internet as a homework tool.

95 STUDENTS ANSWERED IT INCORRECTLY.
REMEDIAL MEASURES :
CHILDREN WILL BE ASKED TO GO THROUGH THE SOLVED LETTERS PDF GIVEN TO THEM.
TEACHER WILL DISCUSS HOW TO WRITE AN INTRODUCTION AND WILL GIVE PRACTICE QUESTIONS .

CORRECT ANSWER
OPTION -b

RANGE OF MARKS



Range Table

Range	No. of students
0-8	0
8-16	4
16-24	18
24-32	64
32-40	52

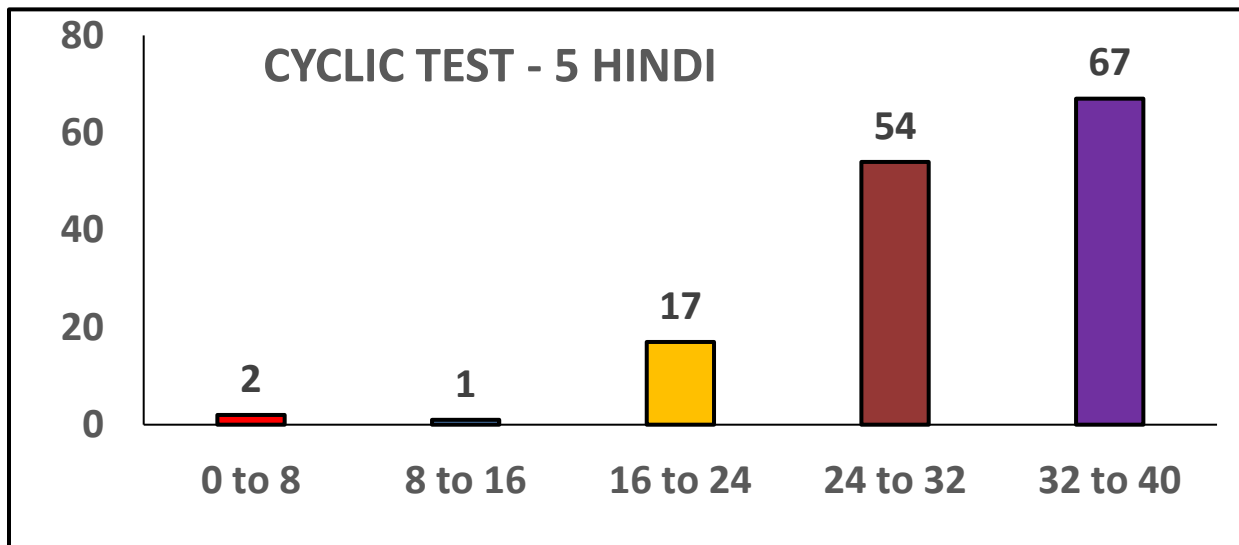
SECTION -WISE AVERAGE

SECTION	AVERAGE
A SECTION	71.07%
B SECTION	71.47%
C SECTION	73.64%
D SECTION	70.81%

(CLASS- X) CYCLIC TEST – 5 (Subject- Hindi) RESULT ANALYSIS

- No. of students – 158
- No. of students attempted the test – 143
- Absent – 15

RANGE GRAPH



RANGE TABLE

Range	No. of students
0-8	2
8-16	1
16-24	17
24-32	54
32-40	67

SECTIONWISE AVERAGES:

SECTION-A- 76.04%

SECTION-B- 71.21%

SECTION-C- 74.23%

SECTION-D- 76.71%

OVERAL- 74.55%

CRITICAL QUESTIONS

<p>प्रश्न) रावण के विनाश का कारण क्या था ? (विश्लेषण)</p> <p>क) सारे संसार को अपना दास समझना ख) देवताओं को भी अपने आगे सर झुका कर खड़े रखना ग) मन में अहंकार रखना घ) उपर्युक्त सभी</p> <p>उत्तर- घ) उपर्युक्त सभी</p>	<p>Children answered this question incorrectly.</p> <p>Remedial measures- From the passage the question will be explained and ask them to underline the answer.</p>
<p>प्रश्न) 12) मिश्र वाक्य का चयन कीजिए-</p> <p>क) वह अपराधी था इसलिए उसे सज़ा मिली। ख) सफ़ेद कमीज़ वाले छात्र को यह किताब दे दो। ग) कम रोशनी में पढ़ने के कारण वह अपनी आँखें गँवा बैठा। घ) हालाँकि वह मंत्री बन गया है फिर भी उसका व्यवहार पूर्ववत् है।</p> <p>उत्तर - घ) हालाँकि वह मंत्री बन गया है फिर भी उसका व्यवहार पूर्ववत् है।</p>	<p>Children answered this question incorrectly.</p> <p>Remedial measures- The grammar topic will be explained and remedial work sheet will be given.</p>
<p>प्रश्नों) आधुनिक समय को 'पैसे का युग' क्यों कहा गया है ? (ज्ञानात्मक)</p> <p>क) चरित्र की प्रधानता के कारण ख) भौतिक सुख-सुविधाओं की बढ़ती चाहत के कारण ग) इस युग में पैसे कमाने के अनेक अवसर होने के कारण घ) उपर्युक्त सभी</p> <p>उत्तर- ख</p>	<p>Children answered this question incorrectly.</p> <p>Remedial measures- From the passage the question will be explained and ask them to underline the answer.</p>

CYCLIC TEST – 5 (Mathematics) RESULT ANALYSIS

- No. of students – 158
- No. of students attempted the test – 147
- Absent –11

CRITICAL QUESTIONS

14: . If $\sqrt{3} \sin \theta = \cos \theta$, find the value of $3\cos^2\theta + 2\cos\theta / 3\cos\theta + 2$.

- a) $3/\sqrt{2}$ B $1/2$ c) $1/\sqrt{2}$ d) $\sqrt{3}/2$

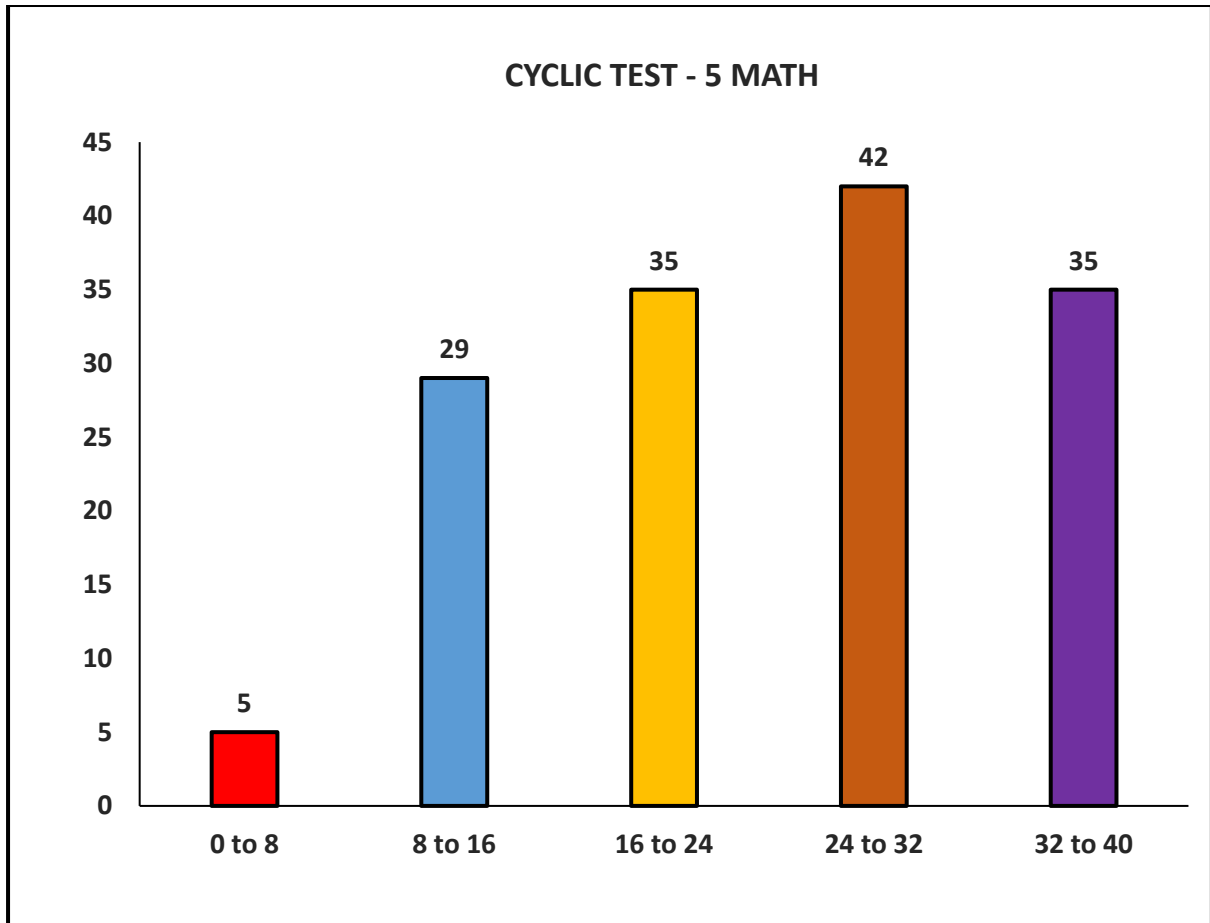
Q.No.40. .If $(1 + \cos A) (1 - \cos A) = 3/4$, find the value of $\sec A$.

- a) 2 b) ± 2 c) 1 d) -1

RANGE TABLE

Range	No. of students
0-8	5
8-16	29
16-24	35
24-32	42
32-40	35

RANGE GRAPH



SECTIONWISE AVERAGES:

SECTION-A- 61.32

SECTION-B- 53.45

SECTION-C- 60.21

SECTION-D- 60.83

OVERAL- 63.25

CLASS 10 SCIENCE CYCLIC- 5 ANALYSIS

Subject: Science: Lesson light - Refraction

No. of Questions: 40 (M C Q s): Marks: 40

Date: 21/09/2021

Total strength: 158

Total Present: 147

Time: 90min

RANGE TABLE

Range	No. of students
0-8	1
8-16	14
16-24	45
24-32	56
32-40	30

SECTIONWISE AVERAGES:

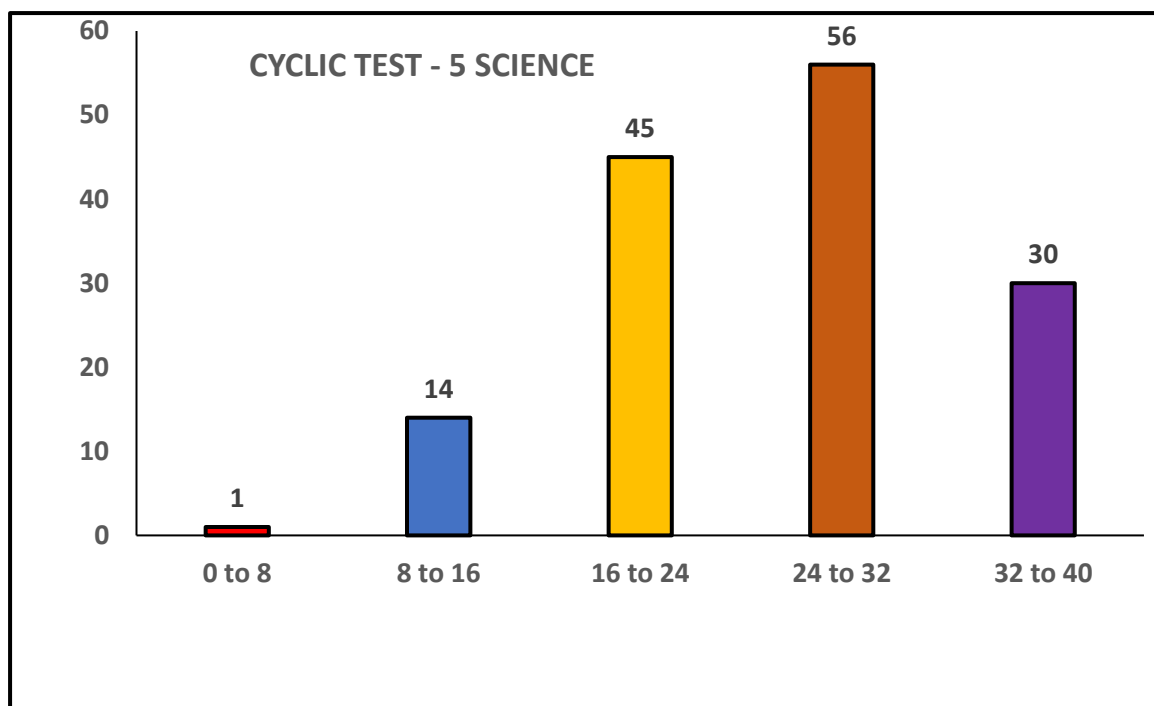
SECTION-A- 61.64

SECTION-B- 59.14

SECTION-C- 65.68

SECTION-D- 66.55

OVERAL- 63.25



CRITICAL QUESTIONS

a) If both the assertion and the reason are true and the reason is a correct explanation of the assertion.

b) If both the assertion and reason are true but the reason is not a correct explanation of the assertion.

c) Assertion is true but reason is false

d) Assertion is false but reason is true.

Assertion : On moving from optically rarer to denser medium, a ray of light bends away from the normal.

Reason : Speed of light is more in denser medium and less in rarer medium.

d. Correct

Many Students answered this question incorrectly.

Remedial measures- Students will be taught laws of refraction and trained to answer assertion and reasoning type of questions.

A convex lens has a focal length of 10 cm. At what distance from the lens should the object be placed so that it forms a virtual image 20 cm away from the lens?

(a) -20 cm b) +20cm

c) -20/3 cm d) +20/3 cm

Remedial measures- Students will be taught the characters of image formation when lens is placed at different positions, and solve numerically.

<p>The focal lengths of two lenses in contact to each other are 20 cm and -50 cm respectively. Their combined power is: (a) + 7.0 D (b) + 70 D (c) + 3.0 D (d) - 3.0 D</p>	<p>Remedial measures- Students will be taught the characters of lens is placed at different positions,</p>
<p>When light enters from air to glass, the angles of incidence and refraction in air and glass are 60° and 30° respectively. The refractive index of glass is (a) 1.90 (b) 1.41 (c) 1.20 (d) 1.73</p>	<p>Remedial measures- Students will be taught laws of refraction and characters of light ray in rarer and denser medium like air, water, glass, oil, etc.</p>
<p>An object of height 6 cm is placed perpendicular to the principal axis of a concave lens of focal length 5 cm. If the distance of the object from the lens is 10 cm. The position of image is: a. $10/3$ cm (b) $-10/3$ cm c. $20/3$ cm d. $-20/3$ cm</p>	<p>Remedial measures- Students will be taught the characters of image formation when lens is placed at different positions, and solve numerically.</p>

CYCLIC TEST – 5 (Social science) RESULT ANALYSIS

- No. of students – 158
 - No. of students attempted the test – 148
- Absent –10**

CRITICAL QUESTIONS

Q. Which state is the leading producer of Jowar?

A. Karnataka

B. Maharashtra

C. Rajasthan

D. Tamil Nadu

Match the following features with the given land reforms:

Features	Land Reforms
i. Removing role of middlemen	a. Consolidation of land holdings
ii. Rearrangement of fragmented land	b. Cooperation
iii. Socialism in agriculture	c. Collectivization
iv. Pooling of resources	d. Abolition of Zamindari

A. i-a, ii- b, iii- c, iv- d

B. i-b, iii- c, ii- d, iv- a

C. i-c, ii- a, iii- d, iv- b

D. i-d, ii- a, iii- b, iv- c

Identify the crop given:

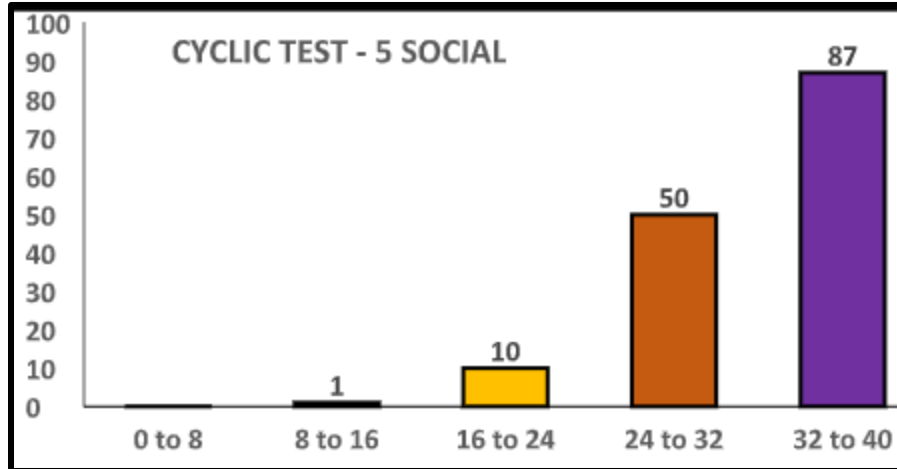


A. Rice

B. Wheat

C. Maize

D. Sugarcane



RANGE TABLE

Range	No. of students
0-8	-
8-16	1
16-24	10
24-32	50
32-40	87

SECTION WISE PERCENTAGES

SECTIONWISE AVERAGES:

SECTION-A-82.03 %

SECTION-B- 76.32 %

SECTION-C- 79.8 %

SECTION-D- 78.4 %

OVERALL- 79.14 %