



Silver Grove School

HALF-YEARLY EXAMINATION (2026-27)

CLASS- 8

SUBJECT: MATHEMATICS Set-2

TIME: 03:00 Hrs.

M.M.

100

Name: _____ Roll No. _____

Instructions:

1. Read all the questions attentively.
2. It is compulsory to attempt all sections.
3. Marks for each section are given.
4. Show all steps clearly in your solutions.
5. Use appropriate formulae and identities where necessary.
6. Neat and clean presentation of answers will be appreciated.

SECTION-A

(Each question carries 1 mark)

Choose the correct answers to the questions from the given options.

Q1. The multiplicative inverse of $-3/12$

- a) $3/12$ b) $-12/3$ c) $12/3$ d) none of these

Q2. $9.7^2 - 0.3^2 =$

- a) 90 b) 92 c) 93 d) 94

Q3. The length of a side of a rhombus is 5 m and one of its diagonal is of length 8 m. The length of the other diagonal is

- a) 5 m b) 6 m c) 7 m d) 8m

Q4. The value of $\sqrt{125}$

- a) 5 b) 3 c) 2 d) 25

Q5. What is the degree of polynomial $x + y + 1$?

- a) 0 b) not defined c) 1 d) none of these

SECTION-B

(Each question carries 1 mark)

Q6. $(-10/11) \div \dots\dots\dots = 1$

Q7. Write the given set in Roster form $C = \{x; x \text{ is a factor of } 32\}$

Q8. 1 hectare = ... m^2

Q9. A period of 4 hours 30 min is % of a day.

Q10. The coefficient of y^2 in $-\frac{2}{5}xy^2z^3$ is

SECTION-C

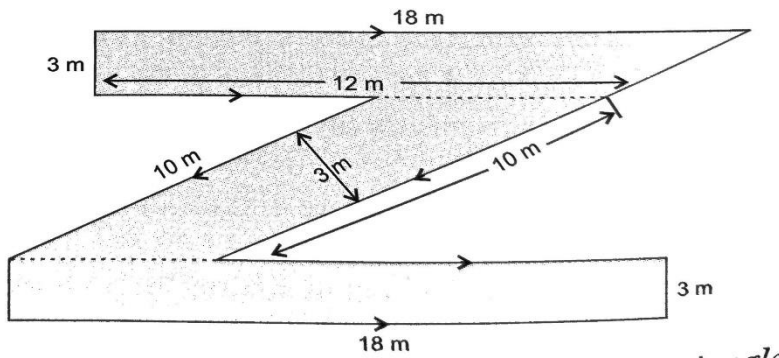
(Attempt all questions. Each question carries 3 marks)

- Q11.** The area of a room is $65\frac{1}{4}$ sq. metres. If its breadth is $5\frac{1}{16}$ metres, what is its length ?
- Q12.** Simplify: $\left(\frac{x^a}{x^b}\right)^{a+b} \times \left(\frac{x^b}{x^c}\right)^{(b+c)} \times \left(\frac{x^c}{x^a}\right)^{c+a}$
- Q13.** 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 ?
- Q14.** The angles of a quadrilateral are in the ratio 4:3:2:6. Find the measure of each Angle.
- Q15.** Draw an angle 60° and write the needed steps.
- Q16.** The length of a rectangle is 12 m and its diagonal is 15 m. Find the breadth and area of the rectangle.
- Q17.** If $a + b = 8$ and $ab = 15$, find the value of $a^2 + b^2$.
- Q18.** Find the quotient and remainder when $6a^2 - 31a + 47$ is divided by $2a - 5$
- Q19.** Find the area of a square plot of land whose side measures $8\frac{1}{2}$ metres.
- Q20.** Find the value of $\frac{81}{16} \times \frac{12}{27} \times \frac{343}{15} \times \frac{64}{49}$

SECTION-D

(Attempt all questions. Each question carries 5 marks)

- Q21.** a) Simplify : $x^6y^4z^{-2} \times x^{-3}y^{-5}z^{-1} \times x^2z^4$
b) Find the value of n: $\left(-\frac{3}{7}\right)^3 \times \left(-\frac{3}{7}\right)^5 = \left(-\frac{3}{7}\right)^{3n-4}$
- Q22.** Describe the following sets in set-builder form:
a) $A = \{5, 6, 7, 8, 9, 10, 11, 12\}$ b) $B = \{1, 2, 3, 4, 5, 6, 8, 12, 16, 24, 48\}$
c) $D = \{a, b, c, d, e, f\}$ d) $E = \{1, 3, 5, 7, 9, 11, 13, 15\}$ e) $L = \{2, 4, 6, 8, 10, 12\}$
- Q23.** Reenu reduced her weight by 15%. If now she weighs 52.7 kg, what was her earlier weight ?
- Q24.** If 3 men or 4 women can earn rupees 360 in a day, find how much will 7 men and 9 women earn in a day ?
- Q25.** A hostel had rations for 100 students for 40 days. After 4 days, 20 more students join the hostel. How long will the remaining ration last ?
- Q26.** 8% of the students in a school remained absent on a day. If 1633 attended the school on that day, how many remained absent ?
- Q27.** Find the area of the shaded region in any one of the figure given below:



Q28. Divide $6x^4 - 13x^3 + 2x^2 + 22x - 24$ by the product of $2x - 3$ and $x^2 - 2x + 2$.

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Set - B (Sample Paper)

Class 8 - Physics

M.M :- 50

Instructions:-

This paper consists of Sections A, B and C. All questions are compulsory and Section C contains internal choices.

Section A

Question 1:- Multiple Choice Questions [1×10=10 Marks]

1) The SI unit of pressure is

(a) joule (b) pascal (c) newton (d) watt

2) The force that pulls objects towards the Earth is called

(a) friction (b) muscular force (c) gravity (d) magnetism

3) Atmospheric pressure decreases when we move towards

(a) sea level (b) plains (c) mountains (d) equator

4) Which produces maximum moment of force?

(a) 10N and 2m (b) 5N and 5m (c) 20N and 1m (d) 8N and 3m

5) No work is done when

(a) force is applied but no displacement occurs

(b) displacement takes place

(c) object moves in direction of force

(d) force is large

6) Which energy is possessed by a moving body?

(a) potential energy (b) heat energy (c) kinetic energy (d) sound energy

7) Pressure in liquids acts

(a) only downward (b) only upward (c) in all directions (d) sideways only

8) If the speed of a body becomes three times, its kinetic energy becomes

(a) 3 times (b) 6 times (c) 9 times (d) 12 times

9) A force of 40N acts at a distance of 0.5m from pivot. Find the moment of force.

(a) 10Nm (b) 20Nm (c) 30Nm (d) 40Nm

- 10) Water rises in a straw due to
(a) muscular force (b) gravity (c) atmospheric pressure (d) friction

Question 2:- Assertion and Reason [1×5=5 Marks]

1) Assertion (A): Work is done only when force causes displacement.

Reason (R): Force without displacement does not produce work.

2) Assertion (A): The SI unit of energy is Joule.

Reason (R): Energy is the capacity to do work.

3) Assertion (A): Liquid pressure increases with depth.

Reason (R): Weight of liquid above increases with depth.

4) Assertion (A): Kinetic energy depends on mass and velocity.

Reason (R): Velocity has no effect on kinetic energy.

5) Assertion (A): Power is the rate of doing work.

Reason (R): Its SI unit is watt.

Question 3:- State True or False [1×5=5 Marks]

- Pressure exerted by liquids increases with depth.
- Friction is always useful.
- Potential energy depends upon height.
- Atmospheric pressure is zero at sea level.
- Work done is zero if displacement is zero.

Question 4:- Fill in the blanks using suitable words [1×5=5 Marks]

- A force can change the _____ of an object.
- The force between magnet and iron is a _____ force.
- Energy stored in a stretched rubber band is _____ energy.
- The SI unit of power is _____.
- The force acting against motion is called _____.

Section B

Question 5:- Answer the following [2×2.5=5 Marks]

- 1) Why are sharp knives more effective than blunt knives?
- 2) Write any two characteristics of atmospheric pressure with diagrams.

Section C

Question 6:- Attempt any four questions [2.5×4=10 Marks]

- 1) A force of 48N acts on an area of 0.6 m². Find the pressure exerted.
- 2) A 2kW electric iron is used for 3 minutes. Find the energy consumed.
- 3) A person pushes a cart with a force of 100N through a distance of 20m. Calculate the work done.
- 4) Find the kinetic energy of a body of mass 10kg moving with velocity 6m/s.
- 5) A girl of mass 40kg climbs stairs of total height 5m in 10s. Find her power. (Take $g = 10\text{m/s}^2$)
- 6) Differentiate between mass and weight.

Project Work (10 Marks)

SAMPLE QUESTION PAPER — SET B

SUBJECT: COMPUTER SCIENCE

MAX MARKS: 40

CLASS: VIII

TIME ALLOWED: 2½ HOURS

General Instructions:

- 1. All questions are compulsory. Read the questions carefully before writing.
- 2. Section 1 to 4 comprise objective-type questions. Section 5 and 6 comprise descriptive and practical tasks.
- 3. Maintain neat and clear handwriting. Write all answers in the provided answer sheets cleanly.
- 4. For flowchart design tasks, ensure standard geometrical symbols are used with distinct direction flow arrows.

SECTION 1: FILL IN THE BLANKS [0.5 × 10 = 5 Marks]

1. _____ refers to entering of a task into the system along with the input in a batch.
2. _____ is a type of operating system that process data or event within a short period of time.
3. A _____ is a group of selected adjacent cell.
4. In excel 2010 a new workbook opens with _____ default seat (sheet).
5. A slash symbol (/) indicates the _____ operation.
6. _____ holds all chart object and elements.
7. Radar chart is also known as _____ chart.
8. _____ gives step by step solution for a problem.
9. In a flow chart symbols are connected through _____.
10. _____ can run stand alone or independently on a PC or a laptop.

SECTION 2: STATE TRUE OR FALSE [0.5 × 10 = 5 Marks]

1. Twitter is a social networking app and an online news app where people communicate in short messages.(
2. LinkedIn is a networking app which is specialized in building Business Contact.
3. An algorithm works on a set of inputs.
4. Input box is used to check or apply any condition in a program.
5. Flow lines shows the direction in which the program is moving.
6. On page connector are used to connect one part of a flow chart to another.
7. A graph is used to display data in a pictorial form.
8. The total value of a pie is always 100 percent.
9. A compound formula includes single operator to perform calculation.
10. In Ms. Excel relative reference is the default cell reference.

SECTION 3: NAME THE FOLLOWING [8 × 1 = 8 Marks]

1. Mention a Unix based operating system.

2. Name the feature of OS where two or more programs stored in the main memory at the same time.
3. Where is the new sheet button located on the excel sheet?
4. Name the function that counts the number of cells that contain the numeric value within a specified range.
5. Which tab contains the various chart type options?
6. Name a subtype of pie chart.
7. How many axes does a column chart have in excel?
8. Which mobile app can be used to order food online?

SECTION 4: GIVE FULL FORMS OF THE FOLLOWING [0.5 × 4 = 2 Marks]

1. CLI
2. APP
3. CSS
4. NPCI

SECTION 5: SUBJECTIVE TYPE QUESTIONS (SHORT ANSWER) [2 x 8 = 16 Marks]

1. Distinguish between application software and system software.
2. Explain with suitable reason why computer needs an operating system.
3. What is the utility of a chart in Ms. Excel?
4. State any three rules to write a formula in Ms. Excel.
5. What do you understand by cell referencing? List the types of cell referencing.
6. What is a function? Mention the types of functions used in excel.
7. List any three advantages of a flow chart.
8. Provide a short note on Hybrid Apps.

SECTION 6: ALGORITHM & FLOWCHART DESIGN [2 × 2 = 4 Marks]

1. Write an algorithm to find out the area of a rectangle.
2. Make a flow chart to input username and say hello.

Set B

Silver Grove School

HALF-YEARLY EXAMINATION (2026-27)

CLASS- 8

SUBJECT: SANSKRIT

TIME: 2;30 Hrs.

M.M. : 50

सामान्य-निर्देशाः -

सर्वे प्रश्नाः अनिवार्याः सन्ति ।

- प्रश्नानाम् उत्तराणि संस्कृतभाषायाम् एव लेखनीयानि ।
- उत्तराणि पृथक् उत्तरपुस्तिकायां क्रमानुसारं लेखनीयानि ।
- स्वच्छता स्पष्टता च स्यात् ।

1- अधोलिखितं चित्रं वर्णयन् सरकृतने पञ्चवाक्यानि लिखत- 5

2- बालिका शब्द रूपाणि लिखत 5 बालिका के शब्द रूप लिखे

3- श्लोकपूर्ति कुरुत । 5

अधोलिखित श्लोकों को पूरा करें.

अनेके प्रदेशाः सदा रक्षणीयम् ।।

4- निम्नलिखित शब्दानि अर्थ लिखत. 3

भारतम् हिमादि ,कोष देवलोकैः सदा

तुल्यम् शुभम् वेषाः

5. एकवाक्येन उत्तरं लिखत 6

पाठ के अनुसार उत्तर लिखिए ।

(क) कस्य एतत् युगम्?

(ख) कुत्र विज्ञानस्य चमत्कारान् पश्यामः?

(ग) नवीनेन आविष्कारेण कः अतिक्रान्तः भवति ?

(घ) एतत् संगणकं कतिविधं भवति?

(ङ) विश्लेषकेन संगणकेन किं भवति?

2. पाठानुसारं रिक्तस्थानानि पूरयत।

6 अधोलिखितानां परस्परं मेलनं कुरुत।

निम्नलिखित का परस्पर

मेल कीजिए। 3

अधोलिखितानां परस्परं मेलनं कुरुत।

1 जयतु. चरकः

2 सभ्यत. भारते

3 चिकित्साक्षेत्र. प्राचीना

4 अधुनातन. लब्धा

5 स्मृतिः. भारतम्

3. पाठानुसारं रिक्तस्थानानि पूरयत।

पाठ के अनुसार रिक्त स्थानों की पूर्ति कीजिए। Fill in the blanks as per lesson.

(क) कथं यूयं----- इति उद्घोषयथ?

(ख) अस्य सभ्यता.-----6 किन्तु वयं तु --- ।

(ग) गणिते खगोले च ----- नामीनि को न जानाति?

(घ) प्रत्यग्रतया सुविख्याताः राष्ट्रपतिचराः -++-----

(ङ) नष्टो मोहः -----+त्वत्कृपया च भ्रातरः ।

(च) तत् अस्माकम् ---एव आसीत्।

अधोलिखितानां परस्परं मेलनं कुरुत ।
निम्नलिखित का परस्पर मेल कीजिए

- | | |
|--------------------|----------------------|
| 1 गृहे | 3- स्नेहः कर्तव्यः |
| 2. परस्परं विवादो. | . स्नेहेन स्थातव्यम् |
| 3. अनुजेषु | 2. न कर्तव्यः |
| 4. मातृदेवो. | 5. आवश्यकम् |
| 5. अनुशासनम्. | . भव |

3 सन्धिं कुरुत। (

सु + रम्यम्. -----

प्र + कामम् -----

नि + कामम्. -----

नि + धानम्. -----

प्र + धानम्. -----

वि + देशेषु. -----

9- अधोलिखितम् अनुच्छेदं पठित्वा प्रदत्तप्रश्नान् संस्कृतेन उत्तरत :

(5)

निम्नलिखित अनुच्छेद को पढ़कर दिए गए प्रश्नों के उत्तर संस्कृत में लिखिए :

भारतस्य उत्तरस्यां दिशि हिमालयः पर्वतः अस्ति। सः भारतस्य मुकुटमणिः इव शोभते। सः शत्रुभ्यः अस्मान् रक्षति। अस्य दक्षिणपूर्व-दिशयोः समुद्रौ स्तः। सागरः भारतमातुः चरणौ प्रक्षालयति इव। अस्माकं देशे अनेके पर्वताः सन्ति। अत्र अनेकाः नद्यः प्रवहन्ति। नद्यः पानाय जलं यच्छन्ति। ताः नद्यः देशे शस्यम् अपि सिञ्चन्ति। एवं ताः अस्माकम् उदरपूरणीयं अन्नं जलं च यच्छन्ति।

.प्रश्न 1.

उपर्युक्त गद्यांशस्य उचितं शीर्षकं लिखत? (उपर्युक्त गद्यांश का उचित शीर्षक लिखो)।

प्रश्न 2.

हिमालयः केभ्यः अस्मान् रक्षति ?

(हिमालय किनसे हमारी रक्षा करता है?)

प्रश्न 3.

देशे शस्य काः सिञ्चन्ति? (देश में फसल को कौन सचता है?)

प्रश्न 4.

हिमालयः भारतस्य कस्यां दिशि वर्तते?

(हिमालय भारत की कौन-सी दिशा में है?)

10. संस्कृतं अनुवादयतु" 5

संस्कृत में अनुवाद करें।

1हम सब पढ़ते हैं।

2 वह पढ़ता है।

3 तुम पढ़ते हो।

4. मैं पढ़ता हूँ।

5 तुम सब पढ़ते हो।

परियोजना कार्यम्

5

Class 8

Hindi

Half yearly

Set B

M.m.100

Time 3:00

सभी प्रश्न अनिवार्य हैं-

प्रश्न (१)- निम्न में से किसी एक विषय पर 150 शब्दों में संक्षिप्त लेख लिखें।(8)

1)मेरे प्रिय अध्यापक

2व्यायाम के लाभ

3) मित्रता

प्रश्न(2) निम्नलिखित विषयों पर पत्र लिखिये।(6)

(कोई एक)

4. प्रधानाचार्य को विद्यालय में खेलकूद की सामग्री की कमी को पूरा करने के लिए प्रार्थना-पत्र लिखिए।

या

कक्षा में चोरी की घटनाओं की सूचना के लिए प्रधानाचार्य को पत्र लिखिए।

प्रश्न (३)- नीचे दिए गए चित्र को देखकर एक लेख अथवा कहानी अपने शब्दों में लिखें। (4)

प्रश्न (४)- गद्यांश को ध्यानपूर्वक पढ़िए तथा उसके नीचे लिखे प्रश्नों के उत्तर यथासंभव आपके अपने शब्दों में होने

चाहिए-(4)

खा रह

रहता है

(मरने

3. कोयल अपने अंडे जून के महीने में देती है। इसके अंडे का रंग नीला और हरापन लिए होता है। इस पर भूरे रंग के निशान होते हैं। कोयल अपना घोंसला न बनाकर कौए के घोंसले में अंडे देती है। कौए अपने अंडों को अकेला नहीं छोड़ते। नर कौआ और मादा कौआ उन पर सदा बैठे रहते हैं। इसलिए चालाक कोयल थोड़ा नाटक करती है। नर कोयल कौए के घोंसले के पास जाकर खूब शोर मचाता है। इस शोर को सुनकर नर कौआ और मादा कौआ उसे भगाने के लिए उसके पीछे उड़ते हैं। पर नर कोयल उनकी पकड़ में नहीं आता, वह उन्हें उलझाए रखता है। इसी बीच मादा कोयल कौए के अंडे नीचे फेंक देती है और उनके घोंसले में स्वयं अंडे देती है। इन अंडों को अपने अंडे समझ कर मादा कौआ उन्हें सेती है। इस प्रकार कोयल के बच्चे जन्म लेते हैं।

1. सही विकल्प के सामने का चिह्न लगाइए।

(i) कोयल के अंडे कैसे होते हैं?

(क) सफ़ेद और भूरे रंग के

(ग) लाल रंग के

(घ) काले रंग के

(ii) कोयल अपने अंडे देती है -

(क) कौए के घोंसले में

(ग) अपने घोंसले में

(iii) कोयल के अंडे सेता है -

(क) नर कोयल

(ग) मादा कौआ

(iv) चालाक कोयल थोड़ा नाटक करती है - वाक्य में रेखांकित पद का नाम है -

(क) संज्ञा

(ख) क्रिया विशेषण

(ग) क्रिया विशेषण

(घ) विशेषण

2. इस गद्यांश का उपयुक्त शीर्षक लिखिए।

प्रश्न (५)-निम्नलिखित शब्दों के तीन-तीन पर्यायवाची शब्द लिखिए ।।(५)

(क) पर्दा

(ख) दाँत

(ग) अपमान

(घ) कारागार

(च) सहारा

प्रश्न (६)-निम्नलिखित शब्दों के विलोम शब्द लिखिए । (2.5)

(क) आवश्यक

(ख) आवाहन

(ग) आवृत्ति

(घ) आहार

(च) आरोहण

प्रश्न (७) अनेक शब्दों के लिए एक शब्द-(2.5)

1 इंद्र का सफेद हाथी

2 ऊँचे कुल में उत्पन्न

3 सारे शरीर की हड्डियों का ढाँचा

4 वह स्त्री, जो कविता लिखती है

5 वह पुरुष, जो कविता लिखता है

प्रश्न (८)- दिए गए मुहावरों का अर्थ लिखकर वाक्य में प्रयोग करें ।।(४)

आवाज बुलंद करना

2) आग बबूला होना

प्रश्न (९) दिए गए लोकोक्तियों का अर्थ लिखकर वाक्य में प्रयोग करें ।। (४)

कब्र में पैर लटकाए बैठा है

2) का वर्षा जब कृषि सुखाने

प्रश्न (१०) निम्नलिखित प्रश्नों के उत्तर लिखिए ।। (८)

(क) वचन किसे कहते हैं?

(ख) वचन के कितने भेद हैं? उदाहरण सहित समझाइए

(ग) वचन परिवर्तन के नियमों को उदाहरण सहित समझाइए।

प्रश्न (11) सही बहुवचन लिखकर खाली स्थान भरिए-(५)

(क) पहाड़

(ख) रोटी

(ग) बछड़ा

(घ) कक्षा
(ङ) किला
(पहाड़ों/पहाड़े)
(रोटियों/रोटियाँ)
(बछड़ों/बछड़ाएँ)
(कक्षाएँ/कक्षा)
(किले/किलाएँ)

प्रश्न 12-. वचन की अशुद्धियाँ दूर करके वाक्य फिर से लिखिए-(५)

(क) घोड़ा दौड़ रहे हैं।
(ख) माँ ने कटोरियाँ में खीर डाली।
(ग) मेरे पास खिलौना हैं।
(घ) अध्यापिका कक्षाओं से बाहर आई।
(ङ) नदी में नौके चल रही हैं।

प्रश्न (१२) गद्य को ध्यानपूर्वक पढ़ें और पूछे गए प्रश्नों का उत्तर दें। (५)

बीच से होकर गुजरता है, जो अपने आकार के कारण 'देवी का मुख' के नाम से प्रसिद्ध है। कहते हैं कि विदेशी वहीं मनाली देवी की मूर्ति को भून-भुनाकर अपना भोजन तैयार करती थी। मनाली की बस्ती के ऊपरी छोर पर यह छोटा-सा मंदिर है। विशेष सुंदर भी नहीं है, लेकिन मनु का एकमात्र मंदिर होने के कारण विशेष महत्व रखता है।

मैं मनाली आया तो था स्वास्थ्य-लाभ करने, लेकिन सबसे बड़ी आकांक्षा यह थी कि पहाड़ों में रहकर एक बड़ा-सा उपन्यास लिख डालूँ। जेल में रहते हुए उसका ढाँचा तैयार हुआ था, और वह मैंने अंग्रेज़ी में पूरा लिख भी डाला था, लेकिन जेल के बाहर वर्षों ने मुझे यह भी दिखा दिया था कि उसमें अभी लेखक बहुत है। एक बड़े कैनवास पर मैंने विदेशी के पूरे जीवन का चित्र खींचने की कोशिश की थी और जहाँ तक चित्र का संबंध था, वह काफी सफल उतरा था, पर जिस भूमि पर वह खींचा गया था — भारतीय समाज और संस्कृति — उसका ज्ञान मेरा अधूरा था, और इसलिए चित्र ठीक नहीं था। अब नये अनुभवों के आधार पर परिवर्तन और परिष्कार करके मैं उसे फिर हिन्दी में लिखना चाहता था। उपन्यास को मैं जीवन-दर्शन मानता हूँ और इस दृष्टि से गंभीर चीजें लिखने के लिए एकांत जरूरी था। तभी मैं 'परिचय' सभा लोगों की बस्ती से अलग मनाली में आ गया था।

मनाली स्थिति के कारण ही नहीं, सौंदर्य के कारण भी देवताओं के अंचल का मुकुटमणि अपनी ओर है। बर्फ-क्षेत्र में धीरे-धीरे को देखने की आदि मेरी आँखें इस विराट सौंदर्य को पीती जाती थीं और मानो अपने पर विश्वास नहीं कर पाती थीं। चीज़ों का संस्कार इतना गहरा पड़ गया था कि बाहर बिखरी हुई सौंदर्य-राशि को देखकर भी भीतर से पुरानी-पुरानी बंदी-जीवन की स्मृतियाँ निकलता जाता था — जैसे शादी पोशाक में लिपटकर भीख माँगता अपनी

फटी हुई और थिगलों से युक्त गुदड़ी को नहीं भुलाता, लेकिन मनाली ने मानो उन स्मृतियों पर अपनी छाप डाल दी।

वे अपने आप में कुछ स्मृतियाँ मानो गुदड़ी के एक कोने में ढल निकलने लगीं।

अगले दिन प्रातःकाल ही देवताओं के अंचल में बैठे हुए एक क्षुद्र मानव ने पाया कि वह भी देवों का समकक्षी हो गया है, सुखी हो गया है, वह खेलने लगा.....

1-लेखक मनाली क्यों आया था?

- A. व्यापार करने
- B. स्वास्थ्य लाभ करने
- C. नौकरी करने
- D. पढ़ाई करने

2-लेखक किस भाषा में उपन्यास पहले लिख चुका था?

- A. हिन्दी
- B. संस्कृत
- C. अंग्रेज़ी
- D. उर्दू

3-लेखक किस चीज़ को अधूरा मानता था?

- A. कहानी
- B. चित्र
- C. भारतीय समाज और संस्कृति का ज्ञान
- D. भाषा ज्ञान

4-मनाली को किस कारण 'देवताओं के अंचल का मुकुटमणि' कहा ग

- A. व्यापार के कारण
- B. सौंदर्य के कारण
- C. शिक्षा के कारण
- D. जनसंख्या के कारण

5-अगले दिन लेखक ने स्वयं को कैसा अनुभव किया?

- A. दुखी
- B. बीमार
- C. देवों के समान सुखी
- D. थका हुआ

प्रश्न (१३) प्रश्नों का उत्तर एक शब्द लिखे.. (३)

1. सभ्यता को हम कैसे जान सकते हैं?
2. कहाँ की आदिवासी जनता पूर्ण सभ्य नहीं कही जा सकती ?
3. मनुष्य की क्या प्रकृति है?

प्रश्न (14) लघु उत्तरीय प्रश्न के उत्तर लिखें। (६)

1. सभ्यता की पहचान किससे होती है?
2. प्राचीन भारत में ऋषिगण कैसे रहते थे?
3. हमारी संस्कृति का प्रभाव आत्मा के साथ कब तक चलता है?
4. हमारी संस्कृति के रचयिता कौन हैं
- 5- कुल्लू प्रदेश का नाम देवताओं का आँचल क्यों पड़ा?
- 6 -मनाली का नाम मनाली क्यों पड़ा?

प्रश्न (१५) दीर्घ उत्तरीय प्रश्नों के उत्तर लिखें। (12)

- 1 मणिकर्ण के पानी के स्रोतों की क्या विशेषता है ?
- 2 मनाली का नाम मनाली क्यों पड़ा ?
3. कुल्लू में दशहरे के अवसर पर किस प्रकार का मेला लगता है?
- 4- मनाली की बस्तियों की विशेषता बताइए।
- ५- रोहतांग के प्राकृतिक सौंदर्य का वर्णन कीजिए।
- ६-लेखक मनाली पर एक बड़ा उपन्यास क्यों लिखना चाहता है ?

प्रश्न (१६) प्रयोगात्मक (२०)

Sample paper B class 8th History

Silver Grove School

HALF-YEARLY EXAMINATION (2026-27)

CLASS- 8

SUBJECT: History/Civics

TIME: 2:00 Hrs.

M.M.

50

Instruction: 1. Read all questions attentively.

2. It is compulsory to attempt all questions.

3. Marks for each question have been given.

Section - A

Tick {✓} the correct answer.

(0.5×10=5)

1.Choose the correct statement.

1.The movement which emphasized humanism during the period of transition was called:

- A) Reformation
- B) Renaissance
- C) Nationalism
- D) Imperialism

2. Who issued the Emancipation Proclamation during the American Civil War?

- A) Jefferson Davis
- B) Abraham Lincoln
- C) George Bush
- D) Franklin Roosevelt

3. Italy was unified under the leadership of:

- A) Hitler
- B) Garibaldi
- C) Lenin
- D) Napoleon

4. The Sikhs established their power in:

- A) Bengal
- B) Punjab
- C) Mysore
- D) Hyderabad

5. The Battle of Buxar was fought in:

- A) 1764
- B) 1757
- C) 1857
- D) 1772

6. The real executive powers in India are exercised by:

- A) President
- B) Prime Minister and Council of Ministers
- C) Governors
- D) Chief Justice

7. Members of Rajya Sabha are elected for a term of:

- A) 2 years
- B) 4 years
- C) 5 years
- D) 6 years

8. The invention of the printing press is associated with:

- A) Galileo
- B) Gutenberg
- C) Newton
- D) Columbus

9. Which European power came first to India by sea route?

- A) British
- B) French
- C) Portuguese
- D) Dutch

10. The minimum age to become a member of Lok Sabha is:

- A) 18 years
- B) 21 years
- C) 25 years
- D) 30 years

Fill in the blanks.

(5)

1. The movement that promoted humanism was called the _____.
2. _____ issued the Emancipation Proclamation.
3. Italy was unified under the leadership of _____.
4. The Sikhs established their rule in _____.
5. The Battle of Buxar was fought in _____.
6. The real executive powers are exercised by the Prime Minister and the Council of _____.
7. Members of Rajya Sabha are elected for a term of _____ years.
8. The printing press was invented by _____.
9. The Portuguese sailor who reached India was _____ da Gama.
10. The minimum age to become a member of Lok Sabha is _____ years.

State whether the following statements are True or False.

(5)

1. Humanism was an important feature of the Renaissance. _____
2. The American Civil War was fought between the Northern and Southern States. _____
3. Germany was unified under the leadership of Bismarck. _____
4. The Mughal Empire became stronger after Aurangzeb's death. _____
5. The Battle of Buxar was fought in 1764. _____
6. The Prime Minister is appointed by the President of India. _____
7. Money Bills can first be introduced in Rajya Sabha. _____
8. The Portuguese were the first Europeans to arrive in India by sea. _____
9. Members of Rajya Sabha are elected for 6 years. _____
10. Shivaji was the founder of the Maratha power. _____

Section - B

A. Define the term.

(3)

1. Peshwa
2. Chauth
3. Doctrine of Lapse

B. Draw a flow chart of chronological order of later Mughals (1707 to 1857)

(1)

Picture study (3)

1. Identify the personality.
2. Why is he considered one of the greatest presidents of USA?
3. Do you agree with the definition of democracy as given by him?

Case Study Based Questions.

(3)

The Union Executive is an important part of the Government of India. It includes the President, Vice-President, Prime Minister, Council of Ministers, and Attorney General of India. The President is the constitutional head of the country, while the Prime Minister is the real executive head who runs the government with the help of ministers.

After general elections, the leader of the majority party in the Lok Sabha is usually appointed as the Prime Minister by the President. The Prime Minister selects ministers for different departments such as education, defence, finance, and health. Together, they form the Council of Ministers.

The President performs many important functions like appointing the Prime Minister, governors, judges of the Supreme Court, and giving assent to bills passed by Parliament. However, the President generally acts according to the advice of the Council of Ministers headed by the Prime Minister.

The Union Executive helps in maintaining law and order, implementing laws, and running the administration of the country smoothly.

Questions

- 1.Name the members included in the Union Executive.
- 2.Who is the real executive head of India?
- 3.What are the main functions of the President of India?

Section – C

Answer the following question (Any Five)

(5x

3=15)

1. What were the main results of the civil war?
- 2.Explain the Regulating Act 1773.
- 3.Why did the north oppose the slavery?
4. Who was Haider Ali?discuss his achievements
- 5.Describe the circumstances that led to the Battle of Buxar. What was its result?
6. What is the position of the prime minister?mention his powers
7. How does the parliament exercise control over the Government?

Project

(10)

Sample paper B class 8th geography

Silver Grove School

HALF-YEARLY EXAMINATION (2026-27)

CLASS- 8

SUBJECT: GEOGRAPHY

TIME: 2 Hrs.

M.M. 50

Instruction:- Read all questions attentively

It's compulsory to attempt all questions.

Do not write irrelevant answers only what you can.

A. Choose the correct option

(3)

1. Gurugram is a .

- (a) Tourist town (b) Metropolitan city
(c) Mega city (d) Satellite town

2. Migrant labourers come from the rural to urban areas for.

- (a) Jobs (b) Better living
(c) Health facilities (d) All of these

3. The people who leave their country to settle elsewhere are called:

- (a) Immigrant (b) Emigrants
(c) Refugees (d) None of these

4. As a result of overpopulation, natural resources are:

- (a) Developed (b) Depleted
(c) None of the above (d) Neutral

5. Sex ratio is used to describe the number of females per:

- (a) 100 males (b) 500 males
(c) 1000 males (d) 2000 males

6. Polar regions are areas of :

- (a) Low density (b) high density
(c) Average density (d) Zero density

B. Fill up the blanks.

(4)

1. The number of people living in a particular area is called _____.

2. When the population is less than the available resources, it is called _____.

3. People generally migrate in search of better _____.

4. Big cities often face problems like traffic and _____ pollution.

5. Asia is surrounded by the Arctic Ocean in the _____.

6. The monsoon winds bring _____ to many parts of Asia.

7. Thorny bushes and cactus are found in _____ vegetation.

8. The _____ is known as the "Ship of the Desert."

C. Write whether the following statements are True or False.

(3)

1. Underpopulation means there are fewer people than available resources. _____

2. People migrate only for tourism purposes. _____

3. Pollution is one of the problems caused by urbanization. _____

4. Asia is surrounded by oceans on three sides. _____

5. The Gobi Desert is located in Asia. _____

Equatorial regions are usually hot and wet. _____

6. Coniferous forests are found in cold regions. _____

D. Answer the questions in brief 50-60 words.

(2x5=10)

1. Why do some people leave villages and settle in cities?
2. How can overpopulation create pressure on natural resources?
3. Why is Asia known for having different types of climates?
4. How do forests help in maintaining balance in nature?
5. Why are many wild animals becoming endangered today?
6. How has urbanization changed the lifestyle of people in cities?

E. Answer any four questions in detail. Word limit (60 to 90)

(4x 3=12)

1. Write some simple steps towards handling waste.
2. What do you think are the three most important reasons for rural urban migration?
3. Explain any one positive socio economic impact of migration on destination country place with the help of an example?
4. What do you understand by the term 'carrying capacity' of Earth.
5. How does illiteracy impact the overpopulation?
6. How is the level of literacy related to the economic and social development of a country ?explain with examples.

G. On the outline map of India, mark any four states that receive a large number of migrants.

(0.5x6=3)

H. Picture study.

(1*3=3)

Observe the two pictures answer the following questions

1. What types of population do the first and the second picture represent
2. How does population impact the environment in the two pictures?

I. Define the terms

Squatter settlement

Population Density

Project work.

(5)

Copy correction

(5)

CLASS- 8
SUBJECT: BIOLOGY
SAMPLE B

TIME: 2:00 Hrs.

M.M. 50

Instructions:- Do not write ambiguous answers.

Attempt the question paper in proper sequence and put same alphabet and question number as given in your question sheet.

This paper consists of sections A, B, C all are compulsory and section C is provided with internal choices.

Section A

Q 1:- Choose the correct option to answer the question

[0.5×10=5]

1. Which of the following is an example of sexual reproduction?

- A. Budding in Hydra
B. Spore formation in Rhizopus
C. Fusion of egg and sperm in humans
D. Binary fission in Amoeba

2. In which of the following plants does vegetative reproduction occur through stems?

- A. Rose
B. Potato
C. Dahlia
D. Strawberry

3. Which of the following is a biotic component of an ecosystem?

- A. Sunlight
B. Water
C. Soil
D. Earthworm

4. In a food chain, the flow of energy is

- A. From consumer to producer
B. From producer to consumer
C. Bidirectional
D. From decomposer to producer

5. Which mineral is important in the diet of adolescents for healthy bone development?

- A. Sodium
B. Calcium
C. Potassium
D. Chlorine

6. Which term is used to describe the period of life, when the body undergoes certain noticeable changes, leading to reproductive maturity?

- A. Puberty
B. Menarche
C. Adolescence
D. Menopause

7. The most important change which marks puberty is

- A. The voice changes
B. Hair develop all over the body
C. Body grows disproportionately.
D. The boys and girls become capable of reproduction.

8. Adolescents should be careful about what they eat, because

- A. Proper diet develops their brains.
B. Proper diet is needed for the rapid growth taking place in their body.
C. Adolescents feel hungry all the time.
D. Taste buds are well developed in teenagers.

9. Which of the following glands secretes both hormones and digestive enzymes?

- A. Thyroid
B. Adrenal
C. Pancreas
D. Pituitary

10. The hormone that prepares the body for 'fight or flight' response is

- A. Thyroxine
B. Insulin
C. Adrenaline
D. Estrogen

Q 2. Read the paragraph and fill in the blanks with appropriate terms to complete the paragraph.

(5)

During adolescence, the body undergoes many changes controlled by _____. In boys, the testes begin to produce the hormone _____. In girls, the ovaries produce _____ and progesterone. The onset of menstruation is called _____. The period of adolescence generally begins at the age of _____ and ends around 18–19 years. The pituitary gland, also called the _____ gland, controls many other endocrine glands. Deficiency of iodine leads to a disease called _____, which causes swelling in the _____. The _____ gland produces insulin, which helps in regulating blood _____ level.

Q 3. State whether the given statements are true or false (5)

1. Budding is a type of sexual reproduction seen in Hydra.
2. The male gametes in plants are present in the pollen grains.
3. Estrogen is the hormone responsible for development of male secondary sex characteristics.
4. Adolescence is the period of fastest physical and emotional growth in humans.
5. Deficiency of growth hormone leads to dwarfism.
6. Glucagon lowers body sugar level.
7. Attainment of sexual maturity is known as puberty.
8. The adrenal gland is located in the neck region of the body.
9. Vegetative propagation always involves seeds for reproduction.
10. Producers form the first trophic level in a food chain.

Q 4. Match the following column A and B

(5)

Column A

Column B

1. Spore formation
- A. Planaria
2. Regeneration
- B. Rhizopus
3. Budding
- C. Hydra
4. Symbiosis
- D. Flora
5. Predation
- E. Biotic
6. Thyroid gland
- F. Thyroxine
7. Pancreas
- G. Insulin and glucagon
8. Adrenal gland
- H. Adrenaline
9. Pituitary gland
- I. Growth hormone
10. Gonads
- J. Sex hormones

Q 5. Choose the odd one out in each of the following

(2.5)

1. Pollen tube, anther, stigma, ovary, sperm
2. Thyroxine, adrenaline, estrogen, testosterone, glucose
3. Grass, shrubs, trees, algae, grasshopper
4. Sunlight, water, soil, temperature, earthworm
5. Menarche, puberty, adolescence, menopause, germination

Section B

Q 6. Answer in one word

(2.5)

1. The type of asexual reproduction in which an organism splits into two equal halves.
2. The male reproductive part of a flower that produces pollen.
3. The network of interconnected food chains in an ecosystem.
4. The hormone secreted by the pancreas that raises blood sugar level.
5. The process by which a seed develops into a new plant.

Q 7. Answer in brief

(6)

1. What is metamorphosis? Give one example of complete metamorphosis.
2. What is the role of decomposers in an ecosystem?
3. What are autotrophs?

Section C

Q 8. Diagram based question.

(3)

Look at the diagram of a food web given below and answer the questions:

Grass → Grasshopper → Frog → Snake → Eagle

Grass → Rabbit → Fox → Eagle

- (a) Name the producer in the food web above.
- (b) How many food chains are present in this food web?
- (c) What will happen to the rabbit population if foxes are completely removed from this food web?

Q 9. Answer in detail (any three)

(6)

1. Explain the process of pollination and fertilization in flowering plants.
2. Write a short note on the methods used to deal with stress during adolescence.
3. What is a food chain? Draw and explain a food chain with four trophic levels.
4. Differentiate between exocrine and endocrine system.

Project 10

- Prepare a project on any one: (a) Importance of biodiversity and conservation of ecosystems
(b) Role of hormones in human growth and development during adolescence

Class – 8
Subject – Chemistry

Set – B

Time:

Roll No.

M.M. 50

Q.1 Multiple Choice Questions

1

× 5 = 5 marks)

(i) Boiling is a process of converting:

- (a) liquid to gas (b) gas to liquid
(c) solid to gas (d) liquid to solid

(ii) The equation that is a physical change is:

- (a) Rusting of iron (b) Cooking of food
(c) Mixing of iron and salt (d) Formation of a precipitate

(iii) Separating funnel is used to separate:

- (a) sand and water (b) component of air
(c) sugar from sugar solution (d) oil in water

(iv) An atom of an element is:

- (a) Positively charged (b) Neutral
(c) Negative charged (d) None of above

(v) The symbol of Potassium is:

- (a) Po (b) P
(c) Pt (d) K.

Q.2 Fill in the blanks with suitable words

(4 marks)

- (a) A process of converting a solid directly into gas without getting converted into liquid is _____.
- (b) Burning of coal is an example of _____.
- (c) A pure substance made up of a single substance is called _____.
- (d) The atomic number of sulphur is _____.

Q.3 Match the Columns

(5 marks)

Column A

1. Parmanu
2. Electron
3. Neutron
4. Proton
5. Canal rays

Column B

- J.J. Thomson
E. Goldstein
Rutherford
Chadwick
Maharshi Kanad

Q.4 Assertion and Reason

(1 mark)

In the question given below, there are two statements marked as Assertion [A] and Reason [R].

Read the statements and choose the correct option:

- (a) Both [A] and [R] are true
- (b) Both [A] and [R] are false
- (c) [A] is true but [R] is false
- (d) [A] is false but [R] is true

[A]: Respiration is an exothermic reaction.

[R]: A chemical reaction in which heat is evolved is called an exothermic reaction.

Q.5 State whether the following statements are True or False

(0.5 × 6 =

3 marks)

- (a) Formula of cupric oxide is CuO.
- (b) Symbol of Magnesium is Mn.
- (c) Number of valence electrons in Aluminium is 3.
- (d) Sodium is an anion.
- (e) Electronic configuration of Lithium is 2, 2.
- (f) Valency of nitrogen is 3.

Q.6 Define these terms with example

(3 ×

5 = 15 marks)

- (a) Symbol
- (b) Isobars
- (c) Mixture
- (d) Chemical change
- (e) Cation

Q.7 Answer these questions – balance it, if required:

(i) Magnesium ribbon is burnt in the presence of oxygen gas to produce a white solid magnesium oxide.

(3.5 marks)

(ii) Solid calcium carbonate is heated to produce solid calcium oxide and carbon dioxide gas is released.

(3.5 marks)

OR

(i) Define compound. Name the following compounds:

(4

(A) NH₄Cl

(B) ZnS

(C) MgCl

(D) KH

(ii) Write the molecular formula of:

(3

marks)

(a) Aluminium sulphate

(b) Iron sulphide

(c) Nitric oxide

Q.8 Project work

(10 marks)

Silver grove school
HALF YEARLY EXAMINATION (2026-27)

Set B

CLASS- VIII

SUBJECT: ENGLISH II

Time:2Hrs

M.M.:50M

Name: _____

Roll

No.: ____

Instructions:

Read all the questions attentively.

The paper has three sections.

The intended marks for each questions are given in brackets [].

5 marks for Project work is included in the total marks.

SECTION-A

(Multiple Choice Questions)

Question 1

Choose the correct answers to the questions from the given options.

[10M]

Q1Dr. Manette was imprisoned for:

5 years

10 years

18 years

20 years

The people of France demanded:

Wealth and fame

Liberty, Equality and Fraternity

Justice and peace

Gold and land

Darnay's trial took place in:

England

Germany

France

Italy

The first witness in Darnay's trial was:

Lucie

Sydney Carton

Dr. Manette

John Barsad Coober Pedy is famous for:

Gold mines

Opal mines

Coal mines

Diamond mines

Coober Pedy is located in:

India

Australia

Canada

France

The meaning of Coober Pedy is believed to be:

City of caves

White man in a hole

Land of gold

Deep underground

People in Coober Pedy mostly live:

In tents

Underground

On boats

In forests

The Umoona Opal Mine and Museum had a large:

Statue

Cave

Arch

Tunnel

Fay's underground home included:

A swimming pool

A cinema hall

A zoo

A library

SECTION- B

(Extract Based Questions)

Question 2

Read the extract and answer the questions that follow:

[3M]

i) "If you want to transform a regular person into a monster before your eyes, then you need _____. A. Fill in the blank.

With whom do they collaborate to create the intended aesthetic in the character?

What is the minimum input of hours on one character by this crew?

OR

ii) When the stars _____, Make thee? A. What do the stars do?

B. Whom do the words "he" and "thee" refer to here?

Question 3

Read the extract and answer the questions that follow:

[3M]

“But ignoring the scorching heat, I made my way to the _____.”

Fill in the blank.

Where was the narrator?

What did the narrator expect to find in the place he was making his way to?

Question 4

Read the extract and answer the questions that follow:

“What the hammer? What the chain?

In what furnace was thy brain?

What the anvil? What dread grasp

Dare its deadly terrors clasp?”

What is “it” compared to in the above lines?

Which word from the quoted extract led you to your answer?

SECTION- C

(Recall & Analysis)

Question 5

[3M]

Write the meaning and frame the sentence of the words given below:

[6M]

i. Props ii. Artisans iii.
Desperate

iv. Protested v. Unusual vi.
Question 6

Embark

State whether the following statements are true or false:

[2.5M]

Write True or False:

Darnay was punished to be the escort of Monsieur Defarge.

Mr. Lorry worked at the Tellson's Bank.

Madame Defarge felt compassion towards Lucie Manette.

Monsieur Defarge owns the wine shop in St. Antoine.

The King of was beheaded by the revolutionaries.

Question 7

Fill in the blanks given below with appropriate words:

[2.5M]

Gretel was _____ years older than Bruno.

There was a large collection of _____ on the shelves in Gretel's room. iii.

The monsters said nasty things to Bruno whenever Mother or _____ was not in sight. iv. Bruno was happy that none were around in _____ to torture him.

v. Gretel and Bruno agreed on one thing — they _____ Berlin.

Question 8

Answer of the following questions in 10-20 words each:

[6M]

What is the disadvantage of being a stunt performer?

What made the Australian town of Coober Pedy unique?

"She had some nasty habits, as was to be expected from sisters." What were these nasty habits?

According to the poet, how were the tiger's eyes created?

Why isn't the job of a casting director as exact as it sounds?

What are two of the duties of the production sound mixer mentioned in the text?

Question 9

Answer of the following questions in 40-60 words each:

[6M]

What do you infer about the relationship between Gretel and Bruno?

Among the various crew members discussed in the text, pick out those responsible for the visual aesthetic of the film and explain their role.

Question 10

Analyse and answer the questions given below:

[3M]

If you receive an opportunity to work as a crew member in a film like , which department would you choose? Give reasons for your choice.

Which character trait of the tiger do you like the most? Give reasons for your answer.

Project

[5]

Silver grove school

Set [B](2026-27) CLASS- VIII SUBJECT: ENGLISH-I

Time: 2.00Hrs

M.M.:50M

Name: _____

Roll No.:

Instructions:

Read all the questions attentively.

The intended marks for each question are given in brackets [].

Question 1

Write a composition (200-250 words) on any one of the following:

[10M]

“Is Technology Making Students Smarter or Lazier?”

(Light argumentative, balanced answers score well)

Study the picture given below. Write a story or description or an account of what it suggests to you. Your composition may be about the subject of the picture or you may take suggestions from it; however, there must be a clear connection between the picture and your composition.

Question 2

Select any one of the following:

[5M]

You have joined a new school. Today was the first day of school. It is evening now and you are going to write about your day in your diary. Write about your apprehension about the new school and the students, and how the day turned out to be.

Write a letter to your friend explaining what you think about continuing the same school and ask about his/her opinion.

Question 3

Write an essay on "Social media among teenagers" [2.5M]

Write a letter to the editor of a newspaper regarding the condition of slum area. Give your suggestions for improvement. [2.5M]

Question 4

Read the following passage carefully and answer the questions that follow:
[5M]

Arjun was fond of planting trees and taking care of nature. Every Sunday morning, he visited the nearby park with his friends and planted small saplings there. He believed that trees make the environment clean and beautiful. Many people appreciated his efforts and started helping him in his mission.

One summer, the weather became extremely hot, and many plants in the park began to dry up. In spite of that, Arjun did not give up. He carried water bottles from home every day and watered the plants regularly. His dedication inspired the local residents to join him.

After a few months, the park became green and lively again. The local community thanked Arjun for his hard work and even organised a small event to honour him. Arjun felt happy because he had made a positive difference in his surroundings.

• Questions

What was Arjun fond of?

Why did Arjun plant trees in the park?

What problem arose during the summer season?

How did Arjun take care of the plants?

Why did the local community honour Arjun?

Question 5

Complete the sentences with the correct active or passive form of the verb given .
[4M]

If I.....(invite), I would have gone to the party.

If Harry(practice) everyday, he would be a much better tennis player.

Open the window if it.....(get) too hot in here.

If I(be) you, I would have my hair cut short.

Choose the correct answer (Passive and Causative) [2M]

1. I must have this weekend!

Dyed my hair

My hair dyed

2. The old building should. down.

Be pulled

To be pulled

iii. Complete the Dialogues with the correct modal. [2M]

1. Would/ can't

"Rob..... Have failed his French exam! He's one of the best in the class.

2. Must/ should

"that snake..... Be at least two meters long. How did it get into our back garden?

Choose the sentences that mean the same as the sentence in colour. There may be two correct answers. [2M]

Destroyed by fire, the house was never rebuilt.....

The book which is on the shelf is excellent.....

Complete the sentences with a relative pronoun and the correct form of the word given. [2M]

The old lady, ...(home/be) very old, has very little money.

What's the most frightening film..... (you/ever/see).

Question 6

Write the meaning of the given Idioms [1.5M]

Call it a day

Hit the nail on the head

Beat around the bush

Write the answers of the given One word substitution [1.5M]

One who loves book

A person who studies stars and planets

A government ruled by the people

Project work. [10M]

Silver rove School

HALF-YEARLY EXAMINATION (2026-27)

CLASS- 8

SUBJECT: MATHEMATICS Set-2

TIME: 03:00 Hrs.

M.M.

100

Name:

_Roll No._____

Instructions:

Read all the questions attentively.

It is compulsory to attempt all sections.

Marks for each section are given.

Show all steps clearly in your solutions.

Use appropriate formulae and identities where necessary.

Neat and clean presentation of answers will be appreciated.

SECTION-A

(Each question carries 1 mark)

Choose the correct answers to the questions from the given options.

Q1. The multiplicative inverse of $-\frac{3}{12}$

- a) $\frac{3}{12}$ b) $-\frac{12}{3}$ c) $\frac{12}{3}$ d) none of these

Q2. $9.72 - 0.32 =$

- 90 b) 92 c) 93 d) 94

Q3. The length of a side of a rhombus is 5 m and one of its diagonal is of length 8 m. The length of the other diagonal is

- 5 m b) 6 m c) 7 m d) 8m

Q4. The value of 125

- 5 b) 3 c) 2 d) 25

Q5. What is the degree of polynomial $x + y + 1$?

- 0 b) not defined c) 1 d) none of these

SECTION-B

(Each question carries 1 mark)

Q6. $(-\frac{10}{11}) \div \dots\dots\dots = 1$

Q7. Write the given set in Roster form $C = \{x; x \text{ is a factor of } 32\}$

Q8. 1 hectare = ... m²

Q9. A period of 4 hours 30 min is % of a day.

Q10. The coefficient of y^2 in $-25xy^2z^3$ is

SECTION-C

(Attempt all questions. Each question carries 3 marks)

Q11. The area of a room is 6514 sq. metres. If its breadth is 5116 metres, what is its length?

Q12. Simplify: $xaxba + bxbxcb + cxcxac + a$

Q13. 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?

Q14. The angles of a quadrilateral are in the ratio 4:3:2:6. Find the measure of each Angle.

Q15. Draw an angle 60° and write the needed steps.

Q16. The length of a rectangle is 12 m and its diagonal is 15 m. Find the breadth and area of the rectangle.

Q17. If $a + b = 8$ and $ab = 15$, find the value of $a^2 + b^2$.

Q18. Find the quotient and remainder when $6a^2 - 31a + 47$ is divided by $2a - 5$

Q19. Find the area of a square plot of land whose side measures 812 metres.

Q20. Find the value of 81161227343156449

SECTION-D

(Attempt all questions. Each question carries 5 marks)

Q21. a) Simplify : $x6y4z - 2x - 3y - 5z - 1x2z4$

b) Find the value of n: $-373 - 375 = -373n - 4$

Q22. Describe the following sets in set-builder form:

a) $A = \{ 5,6,7,8,9,10,11,12 \}$ b) $B = \{ 1,2,3,4,5,6,8,12,16,24,48 \}$

c) $D = \{ a,b,c,d,e,f \}$ d) $E = \{ 1,3,5,7,9,11,13,15 \}$ e) $L = \{ 2,4,6,8,10,12 \}$

Q23. Reenu reduced her weight by 15%. If now she weighs 52.7 kg, what was her earlier weight ?

Q24. If 3 men or 4 women can earn rupees 360 in a day, find how much will 7 men and 9 women earn in a day ?

Q25. A hostel had rations for 100 students for 40 days. After 4 days, 20 more students Join the hostel. How long will the remaining ration last ?

Q26. 8% of the students in a school remained absent on a day. If 1633 attended the school on that day, how many remained absent ?

Q27. Find the area of the shaded region in any one of the figure given below:

Q28. Divide $6x^4 - 13x^3 + 2x^2 + 22x - 24$ by the product of $2x - 3$ and $x^2 - 2x + 2$.