



# Silver Grove School

HALF-YEARLY EXAMINATION (2026-27)

CLASS- 8

SUBJECT: MATHEMATICS Set-3

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 answer from the option given below.**

**Q1.** Which of the following numbers is in standard form ?

- a)  $12/60$       b)  $-8/16$       c)  $3/7$       d)  $14/32$

**Q2.** If the adjacent angles of a parallelogram are equal, then the parallelogram is a

- a) Rectangle      b) Square      c) Rhombus      d) Trapezium

**Q3.** If the ratio of areas of two squares is 9:1, the ratio of their perimeter is

- a) 1:3      b) 3:1      c) 3:4      d) 9:1

**Q4.** The value of  $27^{-\frac{1}{3}}$

- a)  $1/3$       b) 3      c) 27      d)  $-1/3$

**Q5.** What is the degree of zero polynomial ?

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

## SECTION-B

(Each question carries 1 mark)

**Q6.** Among  $-3/7$ ,  $1/4$ , 0 the greatest rational number is .....

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

**Q8.** Fill in the blanks ,  $50000 \text{ m}^2 \dots\dots\dots \text{cm}^2$

**Q9.** The number which exceeds 20% of itself by 40, is.....

**Q10.**  $8x^2y^3 \div (-2xy)$

## SECTION-C

(Attempt all questions. Each question carries 3 marks)

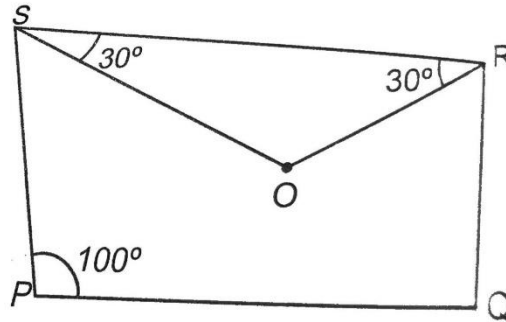
- Q11.** Divide the sum of  $65/12$  and  $8/3$  by their difference.
- Q12.** Simplify:  $(64m^{-6}n^3)^{(2/3)}$
- Q13.** A can do  $1/5$  of the work in 12 days and B can do  $1/6$  of the work in 15 days. In how many days both A and B together can do the work ?
- Q14.** Three angles of a quadrilateral are equal and The fourth angle measures  $75^\circ$ . What is the measure of each of the equal angles ?
- Q15.** Draw an angle  $120^\circ$  and write the needed steps.
- Q16.** The diagonal of a square is 12 cm long . Find its area and perimeter.
- Q17.** If  $a^2 + b^2 = 13$  and  $ab = 6$ , find the value of  $(a + b)$ .
- Q18.** Multiply  $4x^2 + 3x - 5$  by  $2x + 3$ .
- Q19.** A cord of length  $71 \frac{1}{2}$  m has been cut into 26 pieces of equal length. What is the length of each equal piece ?
- Q20.** Find the value of  $\frac{x^{pr}}{x^{qr}} \times \frac{x^{qp}}{x^{pr}} \times \frac{x^{rq}}{x^{pq}}$

### **SECTION-D**

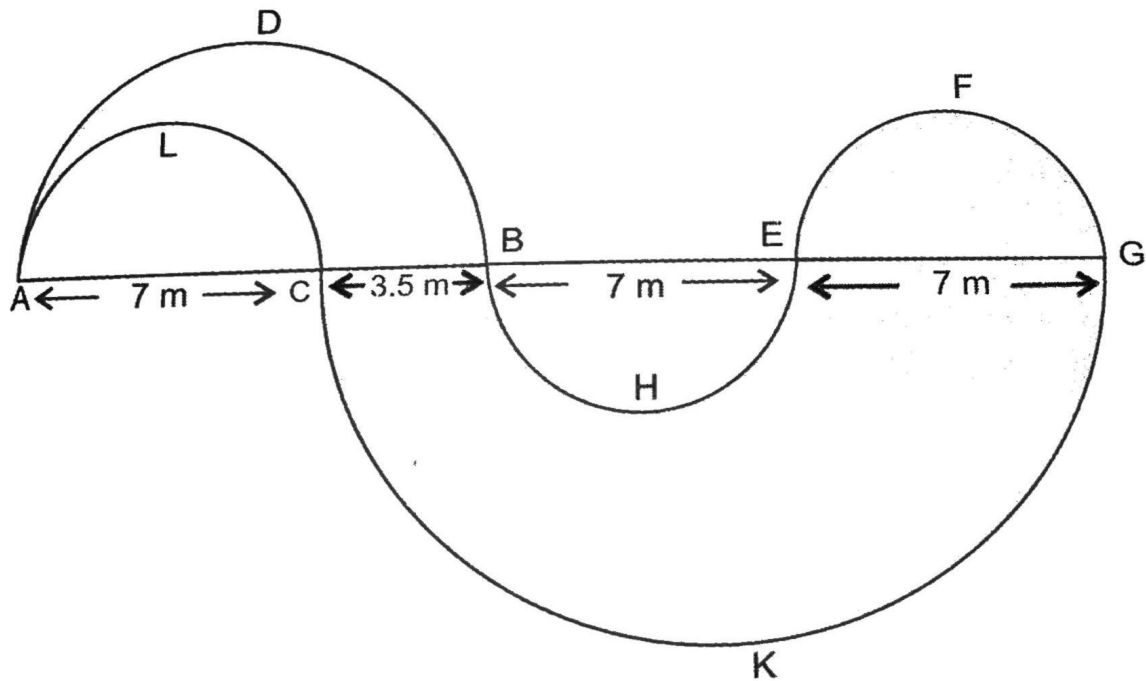
**(Attempt all questions. Each question carries 5 marks)**

- Q21. a)** Simplify :  $\frac{l^{-4} \times m^3 \times n^{-2} \times z^6}{n^3 l^{-1} z^0 m^{-2}}$
- b) Find the value of n:  $5^{-5} \times 5^{2n+1} = 5^{13} \div 5^7$
- Q22.** Seprate finite and infinite sets from the following :
- set of all the points on the circumference of the circle.
  - set of leaves on a tree
  - set of all counting numbers
  - $\{x: x \text{ is a whole number greater than } 100 \text{ but less than } 1000\}$
  - $\{0\}$
- Q23.** The value of a car depreciates annually by 10%. If the present value of car be Rs 650000, find Its value after 2 years.
- Q24.** If 45 iron rods of the same size weigh 12.6 kg, how much is the weight of 24 such rods ?
- Q25.** If 18 binders bind 900 books in 10 days, how many binders will be required to bind 660 books in 12 days ?
- Q26.** In the figure, OR and OS are the bisector of angle QRS and angle PSR respectively.

If angle  $SPQ = 100^\circ$ , find the measure angle  $ROS$  and  $PQR$ .



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



**Q28.** Use the identity  $(a + b)(a - b) = a^2 - b^2$  to evaluate:

a)  $107 \times 93$

b)  $6\frac{2}{3} \times 5\frac{1}{3}$

## Class 8

### Hindi

#### Set c

M.M. 100

Time : 3:00

सभी प्रश्न अनिवार्य हैं।

प्रश्न (1)- निम्न में से किसी एक विषय पर 150 शब्दों में संक्षिप्त लेख लिखें। (8)

- 1) पर्यावरण संरक्षण
- 2) मेरा प्रिय त्योहार
- 3) विद्यालय का वार्षिकोत्सव

प्रश्न (2)- निम्नलिखित विषयों पर पत्र लिखिए। (6)

(कोई एक)

अपने क्षेत्र में बढ़ती जल समस्या की ओर ध्यान आकर्षित करने हेतु किसी दैनिक समाचार पत्र के संपादक को पत्र लिखिए  
अथवा

विद्यालय में स्वच्छता की कमी के संबंध में प्रधानाचार्य को पत्र लिखिए।

प्रश्न (3)- नीचे दिए गए चित्र को देखकर एक लेख अथवा कहानी अपने शब्दों में लिखें। (4)



प्रश्न (4)- गद्यांश को ध्यानपूर्वक पढ़िए तथा उसके नीचे लिखे प्रश्नों के उत्तर दीजिए। (4)

आज के समय में कंप्यूटर और इंटरनेट का महत्व बहुत बढ़ गया है। शिक्षा, व्यापार, चिकित्सा तथा मनोरंजन आदि सभी क्षेत्रों में इनका उपयोग हो रहा है। इंटरनेट के माध्यम से हम घर बैठे संसार भर की जानकारी प्राप्त कर सकते हैं। विद्यार्थी ऑनलाइन पढ़ाई कर सकते हैं और शिक्षक भी नई-नई जानकारी प्राप्त कर सकते हैं। कंप्यूटर ने मनुष्य के कार्यों को सरल और तेज बना दिया है। इसके कारण समय और श्रम दोनों की बचत होती है।

1. सही विकल्प के सामने चिह्न लगाइए-

(i) निम्नलिखित में से कौन-सा क्षेत्र कंप्यूटर से प्रभावित नहीं है?

(क) शिक्षा

(ख) व्यापार

(ग) चिकित्सा

(घ) खेती बैल से करना

(ii) इंटरनेट के माध्यम से क्या प्राप्त किया जा सकता है?

(क) भोजन

(ख) जानकारी

(ग) कपड़े

(घ) वाहन

(iii) कंप्यूटर ने मनुष्य के कार्यों को कैसा बनाया है?

(क) कठिन

(ख) धीमा

(ग) सरल और तेज

(घ) व्यर्थ

(iv) 'लाभ' शब्द का विलोम है-

(क) फायदा

(ख) हानि

(ग) उन्नति

(घ) आय

प्रश्न (5)- निम्नलिखित शब्दों के तीन-तीन पर्यायवाची शब्द लिखिए। (5)

(क) खेती

(ख) गदहा

(ग) दरवाजा

(घ) बाल

(ङ) और

प्रश्न (6)- निम्नलिखित शब्दों के विलोम शब्द लिखिए। (2.5)

(क) आगत

(ख) आधुनिक

(ग) आधार

(घ) आरम्भ

(ङ) इच्छुक

प्रश्न (7)- अनेक शब्दों के लिए एक शब्द लिखिए। (2.5)

1. जो बात छिपाई जाए

2. गणित शास्त्र का जानकार

3. सारी पृथ्वी का राजा

4. चित को चुराने वाला

प्रश्न (8)- दिए गए मुहावरों का अर्थ लिखकर वाक्य में प्रयोग करें। (4)

1) खिसियानी बिल्ली खंभा नोचें

2) गुरु गुड़ ही रह गया चीनी हो गया

प्रश्न (9)- दिए गए लोकोक्तियों का अर्थ लिखकर वाक्य में प्रयोग करें। (4)

1) आँसू पूछना

2) आँखों बका तारा

प्रश्न (10)- निम्नलिखित प्रश्नों के उत्तर लिखिए। (8)

(क) कारक किसे कहते हैं?

(ख) कारक कितने प्रकार के होते हैं? इनके भेदों के नाम लिखिए।

(ग) कर्म कारक और संप्रदान कारक में अंतर बताइए।

(घ) करण कारक और अपादान कारक में अंतर बताइए।

प्रश्न (11)- निम्नलिखित वाक्यों में करण कारक तथा अपादान कारक के चिह्न या परसर्ग छाँटकर लिखिए- (१०)

(क) मैं हवाई जहाज से दिल्ली गया था।

(ख) छत से नीचे उतरो।

(ग) यश कलम से लिखता है।

(घ) सिर से टोपी नीचे गिर गई।

(ङ) अच्छी शिक्षा के लिए गाँव से बाहर जाओ।

प्रश्न (12)- गद्य को ध्यानपूर्वक पढ़ें और पूछे गए प्रश्नों के उत्तर दें। (4)

रवि सुबह जल्दी उठकर बगीचे में घूमने गया। वहाँ रंग-बिरंगे फूल खिले हुए थे और पक्षियों की मधुर आवाज सुनाई दे रही थी। रवि को प्रकृति का यह सुंदर दृश्य बहुत अच्छा लगा। उसने निश्चय किया कि वह प्रतिदिन सुबह जल्दी उठेगा और प्रकृति का आनंद लेगा।

1. रवि कहाँ घूमने गया?
2. बगीचे में क्या खिले हुए थे?
3. रवि को क्या अच्छा लगा?
4. रवि ने क्या निश्चय किया?

प्रश्न (13)- प्रश्नों का उत्तर एक शब्द में लिखिए। (3)

1. मार्तंड कौन है?
2. प्रकाशक का नाम क्या है?
3. किसने अपने पिता की नाक कटवाई?

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

1. पहले महीने का किराया किस प्रकार अदा किया गया?
2. परमानंद पुराण किसने लिखा?
3. मार्तंड किसका चित्र उठा लाए थे?
4. कितने महीने का किराया बकाया हैं?
5. राजीव को छत से आस-पास का नजारा कैसा लगा?
6. राजीव पाँच साल पीछे की किस घटना पर विचार कर रहा था ?

प्रश्न (15)- दीर्घ उत्तरीय प्रश्नों के उत्तर लिखें। (12)

1. टेलीप्रिंटर पर क्या समाचार आया?
2. ज्वालामुखी के फटने पर क्या होता है?
3. राजीव और उसके परिवार ने बर्फबारी का अनुभव किस प्रकार किया?
4. 'प्रकृति संतुलन का बिगड़ना' विषय पर भारतीय राजदूत की दावत में क्या चर्चा हुई है?
5. हिमयुग की भविष्याणी का क्या आधार था?
5. बसंत के कथन - वास्तविक सरप्राइज तो दस साल के भीतर आने वाला है? का आशय स्पष्ट कीजिए।

प्रश्न (16)- प्रयोगात्मक (20)

Silver Grove School

Set - C (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 [ $1 \times 10 = 10$  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 [ $1 \times 5 = 5$  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 [ $1 \times 5 = 5$  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 [ $1 \times 5 = 5$  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 [ $2 \times 2.5 = 5$  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 [ $2.5 \times 4 = 10$  Marks]

- 1) A force of 48N acts on an area of  $0.6 \text{ m}^2$ . 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)

SILVER GROVE SCHOOL

Class – 8

Subject – Chemistry

Set – C

Time:

Roll No.

M.M. 50

Q.1 Multiple Choice Questions

( $1 \times 5 = 5$  marks)

(i) Fusion or melting is a process of converting:

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

(ii) Most physical changes are:

- (a) Reversible
- (b) Temporary
- (c) Permanent
- (d) (a) and (b)

(iii) Which one given below is not a homogeneous mixture:

- (a) Alloys
- (b) Moisture in air
- (c) Sugar solution
- (d) Cream in milk

(iv) Nucleus of an atom is:

- (a) Positive charge
- (b) Neutral
- (c) Negative charge
- (d) None of above

(v) The Latin name of sodium is:

- (a) Ferrum
- (b) Aurum
- (c) Wolfram
- (d) Natrium

## Q.2 Assertion and Reason

(1 mark)

In this 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]: The chemical formula of water is  $H_2O$

[R]: One molecule of water is made up of two atoms of hydrogen and one atom of oxygen.

## Q.3 Fill in the blanks with suitable words

(1 ×

4 = 4 marks)

- (a) \_\_\_\_\_ have neither fixed shape nor fixed volume.
- (b) In a \_\_\_\_\_ change, new substances are formed.
- (c) Matter can be classified into \_\_\_\_\_ and \_\_\_\_\_.
- (d) Atomic number of calcium is \_\_\_\_\_.

## Q.4 Match the Columns (5 marks)

Column A

Column B

Vaporisation

(a) Solid

2. Sublimation

(b) Gas

3. Fixed shape and fixed mass

(c) Liquid converted into gas

4. Highly compressible

(d) Alloys

5. Homogeneous mixture of metals

(e) Ammonium chloride

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

(0.5 × 6

= 3 marks)

- (a) Atomicity of oxygen gas is 2.
- (b) Constituents of a mixture can be present in any proportion.
- (c) A chemical change can be usually reversed.
- (d)  $Cl-35$  and  $Cl-37$  are isotopes of chlorine.
- (e) Melting of ice is a periodic change.

(f) Valency of oxygen is 3.

Q.6 Define these terms with example ( $3 \times 5 = 15$  marks)

- (a) Chemical equation
- (b) Mass number
- (c) Compound
- (d) Chemical change
- (e) Cation

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

- (i) Nitrogen gas reacts with gaseous oxygen to produce gaseous nitrogen dioxide. (3.5 marks)
- (ii) Solid phosphorus reacts with oxygen to produce a white solid phosphorus pentoxide. (3.5 marks)

OR

(i) What is Valency? Name the following compounds: (4 marks)

- (a)  $\text{CaCO}_3$               (b)  $\text{MgSO}_4$               (c)  $\text{NaH}$               (d)  $\text{NaCl}$

(ii) Write the molecular formula: (3 marks)

- (a) Aluminium oxide              (b) Iron sulphate              (c) Sulphuric acid

Q.8 Project work

(10 marks)

Sample paper c 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.

( $0.5 \times 10 = 5$ )

1. Choose the correct statement.

1. The Renaissance began in:

- A) Germany
- B) Italy
- C) France
- D) England

2. Who became the President of the Confederate States during the American Civil War?

- A) Abraham Lincoln
- B) George Washington
- C) Jefferson Davis
- D) Theodore Roosevelt

3. Nationalism means:

- A) Love and devotion towards one's nation
- B) Rule by kings
- C) Religious unity only
- D) Trade between countries

4. Which Mughal emperor died in 1707 leading to the decline of the empire?

- A) Akbar
- B) Shah Jahan
- C) Aurangzeb
- D) Babur

5. The English East India Company came to India mainly for:

- A) Tourism
- B) Trade
- C) Education
- D) Farming

6. Who is the constitutional head of India?

- A) Prime Minister
- B) Chief Justice
- C) President
- D) Governor

7. The Lok Sabha is also called:

- A) Upper House
- B) Council of States
- C) Lower House
- D) Cabinet House

8. Which invention greatly helped sea voyages during the period of transition?

- A) Telephone
- B) Compass
- C) Printing Press
- D) Steam Engine

9. The Battle of Plassey was fought in:

- A) 1757
- B) 1857
- C) 1764
- D) 1773

10. The Vice-President of India is the ex-officio Chairman of:

- A) Lok Sabha
- B) Rajya Sabha
- C) Supreme Court

D) Cabinet

Fill in the blanks.

(5)

- 1.The Reformation movement was started against the abuses of the \_\_\_\_\_.
- 2.The Northern States in the American Civil War were known as the \_\_\_\_\_ States.
- 3.France is known as the birthplace of \_\_\_\_\_.
- 4.The Marathas became powerful under \_\_\_\_\_.
- 5.Lord \_\_\_\_\_ introduced the Subsidiary Alliance.
- 6.The Parliament of India consists of the President, Lok Sabha and \_ Sabha.
- 7.Money Bills can be introduced only in the \_ Sabha.
- 8.Vasco da Gama reached India in the year \_\_\_\_\_.
- 9.The headquarters of the English East India Company was in \_\_\_\_\_.
- 10.The maximum strength of the Lok Sabha can be \_\_\_\_\_ members.

State whether the following statements are True or False.

(5)

- 1.The Renaissance began in Italy. \_\_\_\_\_
- 2.Abraham Lincoln was the leader of the 3.Southern States during the American Civil War. \_\_\_\_\_
- 4.Nationalism means loyalty and devotion towards one's nation. \_\_\_\_\_
- 5.Aurangzeb died in 1707. \_\_\_\_\_
- 6.The East India Company came to India for trade purposes. \_\_\_\_\_
- 7.The President of India is the real executive head of the country. \_\_\_\_\_
- 8.Rajya Sabha is the Lower House of Parliament. \_\_\_\_\_
- 9.Vasco da Gama discovered the sea route to India. \_\_\_\_\_
- 10.The Battle of Plassey was fought in 1757. \_\_\_\_\_

Section - B

A .Define the term.

(3)

- 1.Portfolio
- 2.Treaty
- 3.Empower

B. Make a timeline for the American revolution. (1)marks

Picture study (3)

- 1.Identify the personality shown in the picture and write his full name.
- 2.Name the empire founded by him.
- 3.Mention any two achievements of him.

Case Study Based Questions.

(3)

During the eighteenth century, India went through major political changes. The powerful Decline of the Mughal Empire led to instability in many parts of the country. After the death of Emperor Aurangzeb, weak rulers were unable to control the vast empire effectively. As a result, many regional kingdoms such as Bengal, Awadh, Hyderabad, and the Maratha Empire became independent and powerful.

At the same time, foreign trading companies like the British East India Company and the French East India Company started interfering in Indian politics. They took advantage of the conflicts among Indian rulers and gradually increased their influence.

The eighteenth century also witnessed repeated invasions by foreign rulers such as Nadir Shah and Ahmad Shah Abdali. Nadir Shah attacked Delhi in 1739 and looted immense wealth, including the famous Peacock Throne and Kohinoor diamond. These invasions weakened the Mughal Empire further and created economic problems in India.

Although political conditions were unstable, art, culture, literature, and regional languages continued to grow in different parts of India during this period.

#### Questions

1. Why did the Mughal Empire weaken in the eighteenth century?
2. Name two foreign trading companies that increased their influence in India.
3. What was the impact of Nadir Shah's invasion on India?

#### Section – C

Answer the following question (Any Five)

(5

x3=15)

1. Explain the Doctrine of lapse. name the other method used by lord Dalhousie to expand the British power in India
2. the consequence of the third battle of Panipat was advantages for the British. Give reasons why?
3. Name the first independence nawab of Bengal ? what were his achievements.
4. Describe the three main causes of the civil war
5. name the state which established the confederations.
6. Why did the French revolution take place?
7. What were the main features of the Renaissance ?

#### Project (10)

Sample paper C 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. Unemployment and poverty are the result of:  
(a) Under population                      (b) Overpopulation  
(c) Optimum population                  (d) Neutral
2. When the migration of people is across continents, it is called:  
(a) Intercontinental      (b) Intra-continental  
(c) Regional                      (d) None of these
3. When a country loses its most educated and talented workers to other countries because of migration, it is known as  
(a) Brain wash                      (b) Brain waste  
(c) Brain drain                      (d) Brain migration
4. Urban centres are known for.  
(a) High crime rate                      (b) low crime rate  
(c) No crimes                      (d) None of these
5. Biodegradable substances  
(a) decompose naturally                      (b) do not decompose naturally  
(c) Are a hazard                      (d) None of these
6. Which winds bring rainfall to India and many parts of Asia?  
a) Trade winds.    b) Monsoon winds  
c) Polar winds.    d) Local winds

B. Fill up the blanks.

(4)

1. Rapid increase in population creates problems like shortage of food and \_\_\_\_\_.
2. Moving from villages to cities is called \_\_\_\_\_ migration.
3. Urbanization leads to the growth of \_\_\_\_\_ cities.
4. Mount Everest is located in the \_\_\_\_\_ mountain range.
5. The Gobi Desert is situated in the \_\_\_\_\_ continent.
6. Equatorial regions of Asia have a \_\_\_\_\_ and wet climate.
7. Coniferous forests are mainly found in \_\_\_\_\_ regions.
8. The panda is mainly found in \_\_\_\_\_.

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

(3)

1. Migration means movement of people from one place to another. \_\_\_\_\_
2. Overpopulation occurs when resources are more than the population. \_\_\_\_\_
3. Urbanization leads to the growth of towns and cities. \_\_\_\_\_
4. Asia is the smallest continent in the world. \_\_\_\_\_
5. The Himalayas are important physical features of Asia. \_\_\_\_\_
6. Monsoon winds affect the climate of Asia. \_\_\_\_\_

D. Answer the questions in brief 50-60 words.    1. How does migration bring changes in culture and lifestyle?

2. Why do deserts have very little vegetation?

How do mountains influence rainfall in Asia?

3. What problems may arise if cities grow without planning?

4. Why is Asia important from the point of view of physical features?

5. How does climate decide the type of wildlife found in a region?

(2x5=10)

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

(4x 3=12)

1. Write a short note on 'Canada an under populated' country.

2. Explain the concept of brain drain. what are some of the effects of brain drain on the home country?

3. Write negative impacts of urbanisation.

4. In your opinion, what could be the reason for the maximum international migrants to be belonging to Asian countries.

5. Why is the rate of crime higher in the cities?

6. What is an archipelago? Give an example.

G. Locate and label any four industrial cities that attract migrants.

(0.5x6=3)

H. Picture study.

(1\*3=3)

Observe the picture answer the following questions

1. What is a slum? Mention two features visible in the picture.

2. Name any two problems faced by people living in slums.

3. Suggest two steps that can improve the living conditions in slum areas.

Define the terms

Birth rate and death rate

Natural growth rate

Project work.

(5)

Copy correction

(5)

Set c

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-राम शब्दरूपाणि लिखत5

राम शब्द क रूप लिखे

3- श्लोकपूर्तिं कुरुत । 5

अधोलिखित श्लोकों को पूरा करें.

वयं भारतीयाः,,,,, सदा वन्दनीयम्॥

4- निम्नलिखित शब्दानि अर्थ लिखत.3

वन्दनीयम् अर्पयामः नमामःसिन्धुःतुल्यम् शुभ्रम् वेषाः

5. एकवाक्येन उत्तरं लिखत

पाठ के अनुसार उत्तर लिखिए ।

एकवाक्येन उत्तरं लिखत?

(क) वेदाः कति सन्ति?

(ख) के महाकाव्यकाराः सन्ति

(ग) विश्वनाट्यसाहित्यस्य प्रवर्तकः कः अस्ति?

(घ) कस्य नाटकम् अभिज्ञानशाकुन्तलम् ?

(ङ) के वैयाकरणाः अभवन्?

6 अधोलिखितानां परस्परं मेलनं कुरुत।

मेल कीजिए। 3

अधोलिखितानां परस्परं मेलनं कुरुत।

निम्नलिखित का परस्पर

1 जयतु. चरकः

2 सभ्यत. भारते

3 चिकित्साक्षेत्र. प्राचीना

4 अधुनातन. लब्धा

5 स्मृतिः. भारतम्

७. 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।

८ अधोलिखितानां परस्परं मेलनं कुरुत ।

निम्नलिखित का परस्पर मेल कीजिए

दुहिणः उपजीव्यकाव्यम्.

2 भरतमुनिः महाकाव्यकारः

3 कालिदासः गद्यकारः

4 पाणिनिः • नाट्यशास्त्रप्रणेताः

5 बाणभट्टः नाटककारः

6 माघः वैयाकरणः

7 महाभारतम् वैज्ञानिकः

१सन्धिं कुरुत।

उदाहरणानुसारं लिखत।

कुत्र + अपि। ----

न + अनुभूयते। -+++

एतस्य + अभिधानम्

तथा + अपि

कदा + अपि

१०परस्परं मेलनं कुरुत।

परस्पर मेल कीजिए। Match the following.

सु + रम्यम्. ----

प्र + कामम्. -----

नि + कामम्. -----

नि + धानम्. -----

प्र + धानम्. ----

वि + देशेषु. -----

११- 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?)

१२. संस्कृतं अनुवादयतु” 5

संस्कृत में अनुवाद करें।

1 राम और श्यामपढ़ते हैं।

2 राम घर जाता है।

3 तुम तुम सब पढ़ते हो।

4. मैं नहीं पढ़ता हूँ।

5 तुम कहाँ जाते हो।

१३.परियोजना कार्यम् 5

SAMPLE QUESTION PAPER — SET C

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. \_\_\_\_\_ is an entertainment app.
2. \_\_\_\_\_ apps are usually useful for students' parents and teachers.
3. \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_ are the types of mobile apps.

4. App Store is for \_\_\_\_\_ devices.
5. \_\_\_\_\_ is a popular gaming app which is an example of hybrid app.
6. You can install Appy pie app in your smartphone through \_\_\_\_\_.
7. BHIM was launched by the PM of India Mr. Narendra Modi on \_\_\_\_\_.
8. Flipkart was founded by \_\_\_\_\_ and \_\_\_\_\_.
9. \_\_\_\_\_ application are designed to run on mobile devices such as smartphone.
10. In a flow chart each instruction is written within a \_\_\_\_\_ shape.

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

1. In batch processing operating system a single user system provides a platform for only 1 user at a time.
2. MS-DOS and Unix provides the user with the desktop screen to enter the commands.
3. GUI is expensive and consumes more memory on the computer than CUI.
4. The first structured flow chart was introduced in 1925.
5. Doughnut chart is a subtype of area chart.
6. Operators are the symbols that guide the specific calculation to be performed.
7. ##### Error indicates that the formula contains an invalid data.
8. Function library group is present on the formula tab.
9. A computer consists of one or more processors, main memory, disk, printers and various input/output devices.
10. The process in which the computer is turned on and the operating system starts is called booting.

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

1. Name the operating system that refers to a shared network in which several computers are communicated with each other.
2. In which language is an algorithm written?
3. Which symbols in a flow chart can have one incoming and two outgoing flow lines?
4. Name the symbol that represent input output in a flow chart.
5. What is the step by step procedure to solve any logical or mathematical problem called?
6. Name one hybrid app.
7. Give anyone example of e-commerce app.
8. Name a mobile platform language.

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

1. GUI      2. CUI      3. XML      4. ASDK

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

1. What are the basic flow chart rules?
2. What is the purpose of an operator in excel? List any five arithmetic operators used in excel.
3. Distinguish between multiprocessor operating system and multi user operating system.
4. What is booting in Computer? Explain its types.
5. Give a short notes on function library in Excel.
6. Mention any three social networking applications and write down their key purposes.
7. List the types of operating systems and briefly explain anyone.
8. Distinguish between GUI and CUI environments.

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

1. Write an algorithm to input a number and check whether it is an even or an odd number.
2. Make a flow chart to enter 2 numbers and then tell which one is the greater number.

\*\*\*\*\*

Silver Grove School

CLASS- 8

SUBJECT: BIOLOGY

SAMPLE C

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 organisms reproduces by regeneration?

- A. Amoeba                      B. Hydra                      C. Planaria                      D. Rhizopus

2. Which of the following is NOT a part of a flower involved in reproduction?

- A. Stamen                      B. Pistil                      C. Sepal                      D. Pollen

3. Nitrogen fixation is carried out by which of the following organisms?

- A. Earthworm                      B. Rhizobium                      C. Mushroom                      D. Eagle

4. Which of the following correctly defines 'menarche'?

- A. End of menstrual cycle                      B. First occurrence of menstruation in girls  
C. Development of secondary sex characters                      D. Onset of puberty in boys

5. Which part of the flower develops into a fruit after fertilization?

- A. Ovule                      B. Ovary                      C. Stigma                      D. Anther

6. Which of the following is the correct sequence of a food chain?

- A. Eagle → Snake → Frog → Grasshopper → Grass    B. Grass → Grasshopper → Frog → Snake →  
Eagle

- C. Grasshopper → Grass → Frog → Eagle                      D. Frog → Snake → Grasshopper → Grass

7. The period of adolescence is also called

- A. Infancy                      B. Old age                      C. Teenage                      D. Childhood

8. Which of the following is secreted by the pituitary gland to control growth?

- A. Thyroxine                      B. Adrenaline                      C. Growth hormone                      D. Estrogen

9. The diagram given below represents ?

- A. Section of pancreatic part    B. Liver cells    C. T.S of testis                      D. None of these

10. The male hormone out of the given option is ?

A. Estrogen

B. Progesterone

C. Testosterone

D. None of these

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

(5)

Microorganisms like \_\_\_\_\_ break down \_\_\_\_\_ compounds from the \_\_\_\_\_ remains \_\_\_\_\_ of plants and animals and faecal matter into simple \_\_\_\_\_ substances. These microbes absorb some nutrients and release others into the environment. Thus, they help to replenish \_\_\_\_\_ in the soil. These nutrients are utilised \_\_\_\_\_ therefore decomposers improve \_\_\_\_\_ fertility.

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

(5)

1. Pollen grains are produced in the ovary of a flower.
2. An organism that feeds on both plants and animals is called an omnivore.
3. The larynx grows larger in boys during puberty causing the voice to crack.
4. Commensalism is a relationship where one organism benefits and the other is harmed.
5. Fragmentation is seen in multicellular organisms like Spirogyra.
6. The flow of energy in a food chain is always from producer to decomposer.
7. Secondary sexual characteristics in girls include broadening of hips.
8. During adolescence period there is decrease in height and weight.
9. Adolescence period starts from 19 years of age last till middle age.
10. At puberty, the voice box for the larynx begins to grow.

Q 4. Match the following column A and B

(5)

Column A

Column B

1. Grafting
  2. Layering
  3. Runners
  4. Pollination by wind
  5. Pollination by insects
  6. Non living components of an ecosystem
  7. Animals of a particular area
  8. Living components of an ecosystem
  9. "Who eats whom"
  10. Plants of a particular area
- A. Sugarcane  
B. Rose  
C. Strawberry  
D. Maize  
E. Rose  
F. Rhizobium leguminous plants  
G. Producers  
H. Abiotic  
I. Fauna

## J. Food chain

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

(2.5)

1. Ovary, uterus, testes, fallopian tube, cervix
2. Decomposer, scavenger, detritivore, producer, saprophyte
3. Algae, plants, flowers, fruits, birds
4. Sunlight, humidity, air, water, bacteria
5. Voice box, larynx, Adam's Apple, goitre

### Section B

Q 6. Answer in one word

(2.5)

1. The type of asexual reproduction where an organism divides into many fragments, each growing into a new individual.
2. The process of transfer of pollens from the anther of a flower to the stigma of the same flower.
3. A community of living organisms in a given area or a habitat interacting with each other.
4. Which gland is called emergency gland?
5. Secretions of glands responsible for growth of pimples and acne.

Q 7. Answer in brief

(6)

1. What is cross-pollination? State two advantages of cross-pollination over self-pollination.
2. Why pituitary gland is called master gland?
3. What are the harmful effects of drug abuse and alcohol on adolescents?

### Section C

Q 8. Diagram based question.

(3)

Look at the picture given below and give reason why is there swelling in the neck region, what could have caused it, can it be cured totally.

Q 9. Answer in detail (any three)

(6)

1. Explain the nitrogen cycle with the help of a flow diagram. Name two organisms involved in nitrogen fixation.
2. Write a short note on the methods to deal with stress.
3. Write differences between food chain and food web.
4. Explain the process of seed germination and the conditions necessary for it. What role does the seed play in the life cycle of a plant?

### Project 10

Prepare a project on any one: (a) Study of a local ecosystem — identify producers, consumers, and decomposers (b) Effects of balanced and imbalanced diet on adolescent health

Practice Set C (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]

“If I Were the Head of My School” Express your views on several things running.

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]

Write a letter to your friend telling him or her about your new habits.

Write a letter to your friend advising him or her to use time wisely.

Question 3

Write an essay on “Life without Mobile phones”. [2.5M]

Write a letter to the Principal requesting about new books in library . [2.5M]

Question 4

Read the following passage carefully and answer the questions that follow:

[5M]

The Silent Helper

Rohan was known in his neighbourhood as a quiet and reserved boy. He rarely spoke unless spoken to, and most people assumed that he was shy. However, what they did not know was that Rohan observed everything carefully and believed in helping others without drawing attention to himself.

One evening, as he was returning from school, he noticed an elderly woman struggling to carry two heavy grocery bags. The road was uneven, and vehicles were passing quickly. Without hesitating, Rohan crossed the road and politely offered to help her. At first, the woman refused, but when she realised how difficult it was to manage the bags, she accepted his help gratefully.

Rohan carried the bags all the way to her house, which was a few streets away. The woman thanked him warmly and blessed him for his kindness. She even offered him some money, but Rohan politely declined. He believed that kindness should not be measured in terms of rewards. The next day, Rohan was surprised when his Principal mentioned his act of kindness during the morning assembly. The elderly woman had written a letter to the school appreciating him. His classmates, who had once thought he was unfriendly, now looked at him with respect. Rohan realised that true goodness does not need loud words. Sometimes, silent actions speak the loudest.

Why did people think Rohan was shy?

What problem was the elderly woman facing?

Why did Rohan refuse to take money?

What lesson do you learn from Rohan's character? Explain in about 60–80 words

Word Meaning (Choose the correct meaning)

Reserved

Hesitating

Question 5

Choose the correct answer [4M]

No matter which teams get/will get through to the final.

There's someone knocking at the door I'm getting/I'll get it.

It's 2p.m so Ananya's flight will have arrived/ will arrive by now.

Hurry up! The race is about of starting/ to start.

Choose the correct answer (Passive and Causative)

[2M]

1. The meal was expertly.....

Cooked

Cook by someone

2. Entrance to the building had been.....

To Charles refused

refused to Charles

Complete the sentences with the words given. [2M]

Both Himgiri House and Sagar\_\_\_\_\_ House electing the captains for the respective teams.  
are

is

Neither talks nor hostile actions \_\_\_\_ the opponents.

scare

scares

The tourists or the swimmers\_\_\_\_\_ responsible for dirty beaches

A. are B. is

Not only eating healthy but also exercising \_\_\_\_ one to stay fit.

help

helps

Indicate whether the highlighted words are a phrase or clause. [2M]

Many cities with large factories have a smog problem.....

2. I took the road that was just finished last week .....

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

The hotel \_\_\_\_\_(Jack/book) a room was very large and modern.

Sarah is the girl with \_\_\_\_\_( I/ travel) to America next month.

Question 6

Write the meaning of the given idioms [1.5M]

On cloud nine.

Let the cat out of the bag.

In hot water

Write the answers of the given One word substitution

[1.5M]

A person who is all powerful

A person who cannot speak

A person who knows many languages

Project work. [10M]