

Silver rove School

Annual Examination 2025-26

Set B

Subject : Chemistry

Class – 7

Time : 1½ Hours

Maximum Marks : 50

General Instructions :

All questions are compulsory.

Draw neat and labelled diagrams wherever required.

Marks for each question are indicated against it.

(SECTION – A)

Q1. Tick (✓) the correct option:

(1x 5 = 5

marks)

(i) Which of the following is a non-metal?

| | |
|-------------|------------|
| (a) Zinc | (b) Iron |
| (c) Sulphur | (d) Copper |

(ii) Which gas helps in burning?

| | |
|--------------|--------------------|
| (a) Nitrogen | (b) Carbon dioxide |
| (c) Oxygen | (d) Hydrogen |

3. Which property is generally shown by metals?

- A. Poor conductor of heat
- B. Brittle in nature
- C. Good conductor of electricity
- D. Dull appearance

4. Which gas is most abundant in the atmosphere?

- A. Oxygen
- B. Carbon dioxide
- C. Nitrogen
- D. Hydrogen

5. Which gas in air supports burning?

- A. Nitrogen
- B. Oxygen
- C. Carbon dioxide
- D. Argon

Q2. Fill in the blanks

(1 × 4

= 4 marks)

(a) Non-metals are generally _____ in nature.

(b) The green coating on copper is called _____.

c. Metals are generally _____ in nature.

Non-metals are usually _____ conductors of electricity.

d.

Q3. Match the Following (1 × 5

= 5 marks)

Column A

1. Mercury
2. Brass
3. Iron oxide
4. Neon
5. Air pollution
6. Iron
7. Oxygen
8. Nitrogen
9. Copper
10. Sulphur

Column B

- a. Alloy
- b. Rust
- c. Noble gas
- d. Liquid metal
- e. Mixing of harmful gases
- e. Good conductor of electricity
- f. Metal
- g. Non-metal
- h. Most abundant gas in air
- i. Gas that supports burning

Q4. State Whether the following statements are True or False

(0.5 × 5 = 2.5 marks)

1. Metals are brittle
2. carbon dioxide is used in fire extinguishers.
3. Metals are good conductors of electricity.
4. Nitrogen is the most abundant gas in the atmosphere.
5. Sulphur is a metal.

(SECTION – B)

Q5. Give One Word for the following

- (a) A mixture of metals
- (b) The property of metals to produce ringing sound
- © The property of metals by which they can be beaten into thin sheets.
- (d) The gas in air that supports burning.
- (e) The layer of air surrounding the Earth.

Q6. Odd One Out

(a) Brass, bronze, steel, mercury

- (b) Diamond, graphite, iodine, sulphur
- (c) Nitrogen, Oxygen, Hydrogen, Copper
- d) Zinc, Iron, Sulphur, Aluminium
- (e) Gold, Silver, Copper, Oxygen

Q7. Short Answer Questions

(2 × 4 = 8

marks)

(Attempt any four)

a) Name two uses of oxygen.

- (b) What is air pollution?
- c) What is a metal?
- d) Name the gas that supports burning.
- e) What is atmosphere?

(SECTION – C)

Q8. Long Answer Questions

(Attempt any two)

- 1. Explain the properties of metals and non-metals with examples.
- 2. Describe the composition of air and explain the importance of oxygen and nitrogen.
- 3. What is atmosphere? Explain its importance for living beings.

Q9. Label the Diagram

(3

marks)

Q10. Case-Based Question

During a class discussion, the teacher explained that air is a mixture of many gases. One gas helps living beings to breathe, while another gas is present in the maximum amount and helps plants grow better.

Answer the following questions:

- a) Name the gas needed for breathing.
- b) Which gas is present in the largest amount in air?
- c) Write one importance of air for living beings.

(2 marks)

Q11. Project

(10

marks)

Silver Grove School

ANNUAL EXAMINATION (2025-26)

CLASS- VII

Set B

SUBJECT: Biology

Time: 2.00Hrs

M.M.:50M

Name: _____

Roll No.:

Instruction:-

The answer to the questions must be written on the paper provided separately.

You will not be allowed to write in the first 15 minutes.

This time is to be spent in reading the question paper.

Attempt all questions from section A , and Section B .But Section B has internal choice.

Marks for the question or parts are given in brackets.

Section A

Question 1

$$1 \times 10 = 10$$

Choose the correct answers to the questions from the given options

1. Allergy is caused due to:

- (a) Virus
- (b) Bacteria
- (c) Over-sensitive reaction of the body
- (d) Injury

2. Which of the following is a common allergen?

- (a) Salt
- (b) Pollen grains
- (c) Water
- (d) Oxygen

3. Which is the main excretory organ in humans?

- (a) Heart
- (b) Lungs
- (c) Kidney
- (d) Brain

4. Urine is formed in which organ?

- (a) Urinary bladder
- (b) Kidney
- (c) Urethra
- (d) Liver

5. The structural and functional unit of the kidney is called:

- (a) Neuron
- (b) Nephron

(c) Alveoli

(d) Artery

6. The main function of the nervous system is to:

(a) Digest food

(b) Control and coordinate body activities

(c) Purify blood

(d) Transport oxygen

7. Brain and spinal cord together form the:

(a) Peripheral nervous system

(b) Autonomic nervous system

(c) Central nervous system

(d) Digestive system

8. Reflex action is controlled by the:

(a) Brain

(b) Heart

(c) Spinal cord

(d) Lungs

9. The junction between two neurons is called:

(a) Axon (b) Synapse (c) Dendrite (d) Cyton

10. Which part of brain controls balance?

(a) Cerebrum (b) Cerebellum (c) Medulla (d) Spinal cord

Question 2

$$.5 \times 5 = 2.5$$

Fill in the blanks with the suitable words.

1. An allergy is caused due to an over-sensitive reaction of the body to substances called _____.

2. The functional unit of the kidney is called a _____.

3. The brain and spinal cord together form the _____ nervous system.

4. Basic unit of nervous system is _____.

5. Urine is stored in _____.

Question 3

$$.5 \times 6 = 3$$

State whether the following statements are true or false

1. Allergy is exaggerated immune response.

2. Medulla controls breathing.

3. Allergy is caused by bacteria only.

4. Kidneys help in removing waste materials from the blood.

5. Neurons are the functional units of the nervous system.

6. Reflex actions are controlled by the brain.

Question 4

$$.5 \times 5 = 2.5$$

Match the column A with column B

Column A

Kidney – coordination

Cerebellum – urine formation

Neuron – immune reaction

Allergy – structural unit

Dendrons -Dendrites

Question 5

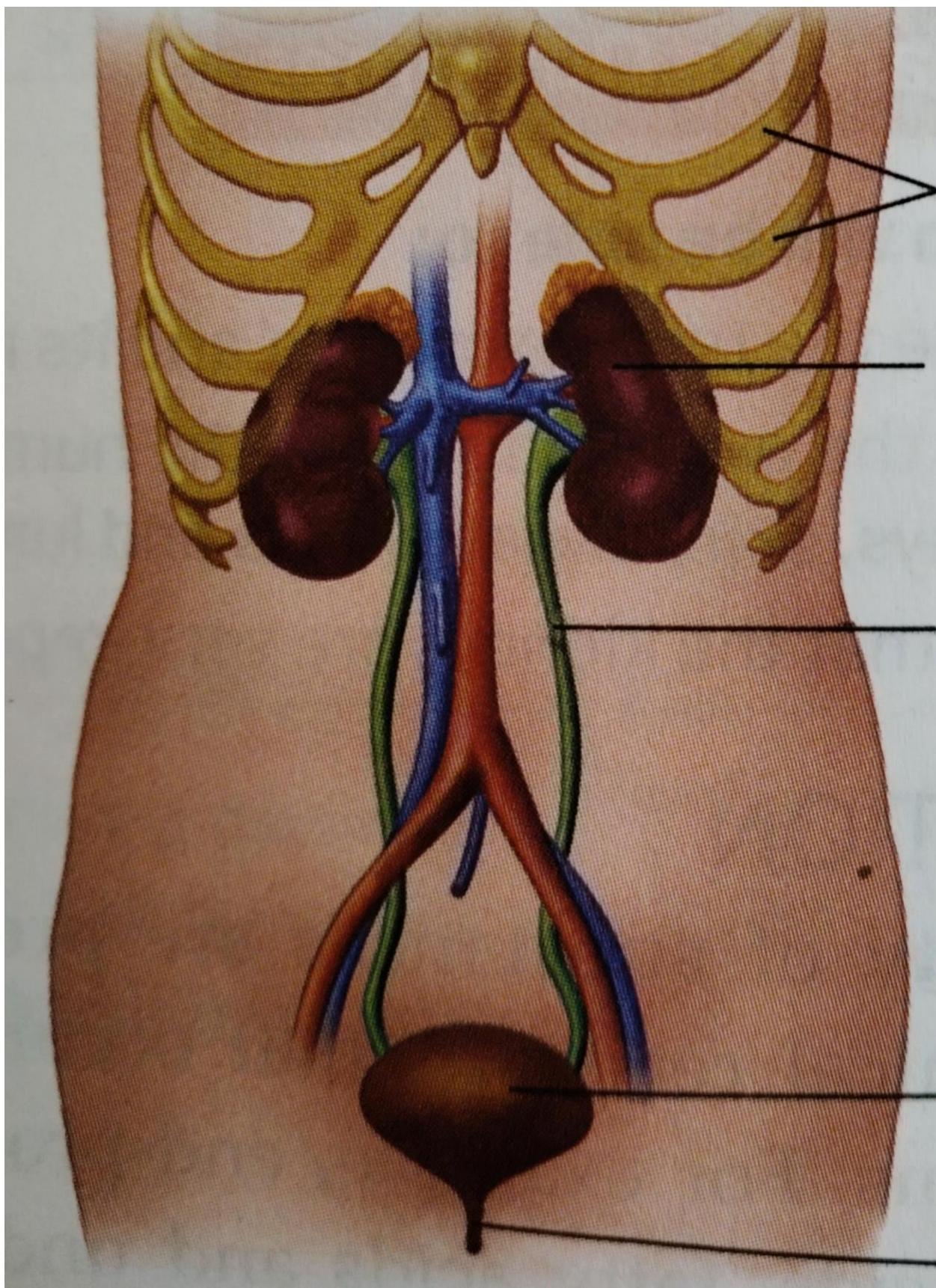
$$1 \times 4 = 4$$

Choose the odd one from each of the following:

1. Kidney, Liver, Lung, Heart
2. Kidney – Ureter – Urinary bladder – Heart
3. Brain – Spinal cord – Neuron – Kidney
4. Dust – Pollen – Smoke – Water

Question 6 Label the diagram.

$$1 \times 4 = 4$$



Question 7

$$.5 \times 4 = 2$$

Name the following:

1. the no fibres that transmit impulses from receptor to brain
2. process of neuron that transmit impulses from cytown to a factor organ
3. substance that cause allergy
4. the sudden severe allergy reaction resulting in decreased blood pressure and treat to life.

Section B

Question 9

$$1 \times 6 = 6$$

Short answer type questions (Attempt any 6)

1. Define neuron.
2. What is an allergy?
3. Name any one common allergen.
4. Which organ removes waste from the blood in humans?
5. Name the functional unit of the kidney.
6. What is the nervous system?
7. Name the main parts of the central nervous system.
8. What is a reflex action?
9. Name the cell of the nervous system.

Question 10

$$2$$

Differentiate between the following:

1. Cerebrum and cerebellum
2. sensory and motor nerves

Question 11

$$9$$

Long answer type questions (Attempt any three)

1. define seasonal and perennial allergy
2. what methods are used to identify the positive allergen
3. what is the nerve how many types of nerves are found in human body
4. name various divisions of human nervous system how are the related to each other

5. name the three steps in urine formation
6. describe symptoms of urinary tract infection

Question 12

5

Project



SILVER GROVE SCHOOL

ANNUAL EXAMINATION (2025-26)

Set B

CLASS- VII

SUBJECT:PHYSICS

Time: 2 Hrs

M.M.:50

Name: _____

Roll No.: _____

Instruction:-

1. The answer to the questions must be written on the paper provided separately.
2. You will not be allowed to write in the first 15 minutes.
3. This time is to be spent in reading the question paper.
4. Marks for the question or parts are given in brackets.

Section A

Q1 - Multiple Choice Questions (MCQs)

(10 × 1 = 10 marks)

1. Sound is produced due to

- (a) friction
- (b) vibration
- (c) reflection
- (d) motion

2. The SI unit of frequency is

- (a) metre
- (b) second
- (c) hertz
- (d) decibel

3. Loudness of sound depends upon:

- (a) Frequency (b) Wavelength (c) Amplitude (d) Speed

4. An electric bell works on the principle of:

- (a) Heating effect (b) Chemical effect (c) Magnetic effect (d) Gravitational effect

5. Like magnetic poles

- (a) attract each other
- (b) repel each other
- (c) destroy each other
- (d) neutralize each other

6. Loudness of sound depends on

- (a) frequency

- (b) wavelength
- (c) amplitude
- (d) speed

7. A material that allows electric current to pass easily is called

- (a) insulator
- (b) conductor
- (c) magnet
- (d) battery

8. The sound heard after reflection is called

- (a) noise
- (b) music
- (c) echo
- (d) vibration

9. Electric wires are covered with

- (a) metal
- (b) rubber
- (c) wood
- (d) paper

10. The speed of sound is maximum in

- (a) gases
- (b) liquids
- (c) solids
- (d) vacuum

Q2. - Fill in the Blanks

(6 × 1 = 6 marks)

1. Sound is a form of _____ energy.
2. The flow of electric charge is called _____.
- 3.. Sound cannot travel through _____.
4. Core of an electromagnet is made of _____ iron.
5. The shrillness of sound depends on its _____.
6. Rubber and plastic are examples of _____ materials.

Question 3- True or False

(6 × 1 = 6 marks)

Write T for True and F for False.

1. Sound can travel through vacuum.
2. Frequency is measured in hertz.
3. Speed of sound is maximum in solids.
4. Filament of bulb offers resistance
5. Noise is pleasant to hear.

6.An electromagnet has a soft iron core.

Question 4- Encircle the Odd One Out

(4 × 1 = 4 marks)

1.Iron, copper, aluminium, plastic

2.Guitar, violin, flute, chair

3.Ammeter, voltmeter, galvanometer, thermometer

4.Echo, reflection, vibration, smell

Question 5- Give One Word

(4 × 1 = 4 marks)

1.Number of vibrations per second

2.A combination of two or more electric cells

3.Unpleasant sound

4.Temporary magnet made using electric current

Se

Question 6- Define the Following

(4 × 2 = 8 marks)

1.Sound

2.Frequency

3.Electric circuit

4.Electromagnet

Question 7- Short Answer Questions

(4 × 2 = 8 marks)

1.Why can sound not travel through vacuum?

2.State the law of magnetism.

3.Why are electric wires covered with rubber or plastic?

4.Why is lightning seen before thunder is heard?

Question 8- Long Answer Questions

(3 × 4 = 12 marks)

1.Explain how sound is produced and transmitted in air.

2.Describe the construction and working of an electromagnet.

3.Explain the difference between conductors and insulators with examples.

Section I - Diagram Based Questions

(2 × 3 = 6 marks)

Draw a neat labelled diagram showing compression and rarefaction in a sound wave.

Draw a neat labelled diagram of a simple electric circuit.



SILVER GROVE SCHOOL

Practice Set [A] (2025-26)

CLASS- VII

SUBJECT: ENGLISH II

Time: 2.00 Hrs

M.M.:50M

Name: _____

Roll No.: _____

Instructions:

1. Read all the questions attentively.
2. The paper has three sections.
3. The intended marks for each question are given in brackets [].

SECTION-A

(Multiple Choice Questions)

Question 1

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

[10M]

- Marie Curie enrolled at Sorbonne University in _____.
 - a. Paris
 - b. Poland
- The Tsarist regime was _____.
 - a. Very supportive of the polish culture
 - b. Suppressive of the polish culture
- Marie Completed her graduation in the year _____.
 - a. 1893
 - b. 1894
- Henry Becquerel experimented on the emission of rays from _____.
 - a. Polonium salts
 - b. Uranium salts
- It was through the persuasion of _____, that Marie was also included in the Nobel Prize- winning team.
 - a. Henry Becquerel
 - b. Pierre Curie
- Jimmy is being let out of the prison after _____.
 - a. Ten months

- b. Four years
- vii. Jimmy giving alms to a blind man _____
 - a. Helped him mask as a gentleman
 - b. Was part of the next robbery plan
- viii. Mike Dolan _____.
 - a. Was the police officer who was commissioned to find Jimmy
 - b. Was a confidante of Jimmy

Soon after the release, Jimmy's first burglary was at _____.

Jefferson City
Richmond

- ix. Jimmy decided to give up his old ways because _____
 - a. He really loved Annabel and wanted to change for her
 - b. He could no more find time to steal, as he was busy with the business

SECTION- B
(Extract Based Questions)

Question 2

Read the extract and answer the questions that follow:

[3M]

- i. **Every night from dusk to dawn**
He croaked awn and awn and awn
 - a. Who is being talked about here? What was he doing.
 - b. How was the response of other creatures to the croaking?

OR

Dumbstruck sat the gaping after

And the whole admiring bog

- a. Why was the frog ‘Dumbstruck’?
- b. How were the responses of the other animals to the same?

Question 3

Read the extract and answer the questions that follow:

[3M]

- i. **But I am constant, like the Northern star.**

- a. Who says this and why?
 - b. What character trait of the speaker is evident from these words?

OR

- ii. ***That's all I want to know.***

- a. Who is ‘I’ here?
 - b. What does the person want to know?
 - c. Soon afterwards, what does the person request of the listener?

Question 4

Read the extract and answer the questions that follow:

[3M]

- i. ***“It’s my dream to have a real zoo one day because I love animals”***

- a. Who says this line?
 - b. Who helps the speaker learn about animals?

OR

- ii. ***“Leaving was the best thing we ever did”.***

- a. Which place did the Durrells leave?
 - b. Why did they leave the place?

SECTION- C
(Recall & Analysis)

Question 5

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

[6M]

i. Princely
iv. Mirth

ii. Embraced
v. Crush

iii. Howl
vi. Fend

Question 6

State whether the following statements are true or false:

[5M]

- i. Everyone looked like they were involved in pranking the narrator.
- ii. The narrator didn’t want to let others know that he was on guard against their jokes.
- iii. The narrator’s friends felt sorry for what had happened.
- iv. As soon as the narrator sat down on the armchair, it plunked.

v. As soon as he entered the room, the narrator went across to the mantelpiece and lit all the candles.

Question 7

Fill in the blanks given below:

[5M]

- i. Sara was working while Jen came in and she _____ her work once Jen left.
- ii. The thief was accused of the _____ downtown.
- iii. _____ for his mischiefs at school, Samson was suspended for a week.
- iv. Laurie happily gave _____ to the poor.
- v. It was _____ of him to forget to tie his shoelaces.

Question 8

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

[6M]

- i. “*Feels like it is full of gold bricks,*” said Annabelle. What was Jimmy’s reply to this comment of Annabel?
- ii. “*Look out, old ferret!*” Whom does the ‘old ferret’ refer to?
- iii. Did the narrator’s fear come true? Explain.
- iv. How did the valet land himself above the narrator?
- v. After Luke’s fall and escape, where does Gerald take them to?
- vi. What happened to the nightingale towards the end of the poem?
- vii. How did the frog justify himself when the Nightingale died?

Question 9

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

[6M]

- i. After inspecting the articles in the room and finding nothing suspicious, what did the narrator decide to do?
- ii. *And I did not want to fall victim this time.* What do we understand about the past experiences of narrator from these words?
- iii. What does the poet mean by “Beauty’s glance” and how does it relate to leisure.
- iv. We have *no time to stand and stare?* What is the significance of “*standing and staring*” in the poem?

Question 10

Analyze and answer the questions given below:

[3M]

- i. Write the summary of the poem “The Frog and the Nightingale”.
- ii. Write the short summary of the story “The Durrells”.

Silver Grove school

Practice Set [B]

2025-26

Subject -Sanskrit

Class VII

Mm50

सामान्य-निर्देशः -

सर्वे प्रश्नाः अनिवार्याः सन्ति ।

प्रश्नानाम् उत्तराणि संस्कृतभाषायाम् एव लेखनीयानि ।

उत्तराणि पृथक् उत्तरपुस्तिकायां क्रमानुसारं लेखनीयानि ।

स्वच्छता स्पष्टता च स्यात् ।

Class VII

अलिखित श्लोकों को पूरा करें.

१ श्लोकपूर्ति कुरूति १ ८

। क्षणशःकुतो धनम्॥

॥ अभिवादनशीलस्य यशो बलम् ॥

२ दत्तेन शब्देन रिक्तस्थानानि पुरवता ५

दिये गये शब्दों से रिक्त स्थानों की पूर्ति कीजिए।

जनकं प्रति पत्रम् लिखत

विमर्शः, जन्मदिवसः, जनकः, पितृभ्याम्, परिवारसदस्यैः, प्रणमामि, द्वादशदिनाङ्के, स्वस्थः,

प्रियसुतः,

परमादरणीय:-----

सादर-----

अहं अत्र..... अस्मि । परीक्षानन्तरं मार्चमासस्य.....

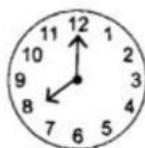
आगमिष्यामि। पञ्चदशदिनाङ्के ममअस्ति। गृहे एवसह आयोजयिष्यामि।

..... नमः तव

.....

3. भवान् ग्रीष्मावकारो दिल्लीतः प्रयागराजम् गन्तुम् इच्छति, तत्र किं किं रेलयानम् कतिवादने गच्छति इति
अधः घटिकां दृश्या तत्प्रस्थानकालम् रिक्तस्थाने निर्दिशत- 2

8.00 A.M.



(i) 'कालका मेल' प्रातः वादने।

3.30 P.M.



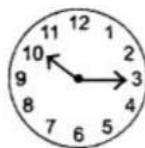
(ii) 'जनता एक्सप्रेस' अपराह्न वादने।

9.30 P.M.



(iii) 'प्रयागराज-एक्सप्रेस' रात्रौ वादने।

10.15 P.M.



(iv) 'दिल्ली-हावड़ा मेल' रात्रौ वादने।

4कोठकस्थधातूनाम् उचितरूपेण रिक्तस्थानानि पूर्यत ।2.5

कोठक स्थित धातु के उचित रूप से रिक्त स्थानों की पूर्ति कीजिए।

(क) अहं सर्वतः पूर्व मातरं पितरं च-----नम

(ख) अहं शौचं दन्तधावनं च -----।

(कृ)

(ग) अहम् एकां होरां -----

(पठ्)

(घ) अहं स्वच्छानि वस्त्राणि -----

(ध्)

(ङ) अहं बसयानेन विद्यालयं ----गम्

5 निप्रलिखितवाक्यानि क्रमबद्धानि कृत्वा कथां लिखत। 3.5

निप्रलिखित वाक्यों को क्रमबद्ध करके कथा लिखिए

(क) तस्मिन् अवसरे कश्चित् पथिकः तेन मार्गेण अगच्छत्।

(ख) एकदा दश बालकाः स्नानाय नदीम् अगच्छन्।

(ग) ते चिरं जले व्यहरन्।

(घ) यदा नद्याः बहिर्निर्गताः तदा गणनायां नवैव आसन्।

(ङ) एतद् दृष्ट्वा सर्वे मुदिताः।

(च) बालकाः दुःखिताः अभवन्।

(छ) तदनन्तरे पथिकः अवदत्- "दशमः त्वमसि"।

6 विपरीतार्थकानां लिखता। 2

अस्वस्थः

उपस्थितिः

शंतः

विनयम्

7 निम्नलिखित शब्दानि अर्थ लिखित. 5

चिन्तयेत्, एतत्, मदाय, साधोः, वकः, सभामध्ये एषः, बालः, क्षणशः, कणशः-

8 अधोलिखितानां परस्परं मेलनं कुरुता। 3

निम्नलिखित का परस्पर मेल कीजिए।

कबड्डी. धावकाः

खो-खो क्रीडा. उत्साहवर्धनम्

धावन-प्रतियोगिता सप्तक्रीडकाः

क्रिकेट. अंकनं भवति

बृहत् तालिकापट्टे. नवक्रीडकाः

करतलवादनेन. एकादशः क्रीडकाः

9 उचित वर्ण को उचित स्थान में भरिए। 2.5

व
ग्रीष्म
हे.....न्तः
शि.....
श.....

10 रिक्तस्थानानि पूरयत ।2.5

स उत्साहम्. -----

अन्ये अपि. -----

अस्याम् + एव -----

धर्म अवलम्बिनः -----

भुवम् + अलङ्कृतवान्. —

11 शब्दरूपाणि लिखत- (बालिका आकारांत स्त्रीलिंग)4

12 पाठानुसारम् उत्तरं लिखत ।5

पाठानुसारम् एकेनैव वाक्येन उत्तरं लिखत।

(क) स्नानाय कति बालकाः नदीम् अगच्छन्?

(ख) बालकाः कीदृशे जले चिरं व्यहरन्?

(ग) क्रीडाक्षेत्रे के सन्ति?

(घ) कोऽपि श्रान्तो भूत्वा कुत्र तिष्ठति?

(ङ) छात्राः केन उत्साहवर्द्धनं कुर्वन्ति?

(च) क्रीडाक्षेत्रे कुत्र अंकनं भवति?

(०) अद्य विद्यालये किं भवति?

13 चित्राणि दृष्ट्वा रिक्तस्थानानि पूरयत । ५



Silver Grove School
Annual Exam [2025- 2026]
CLASS VII
SUBJECT: MATHEMATICS
M.M. 80
TIME: 3:00 Hrs

Instructions:

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

SECTION-A

[10×1 = 10]

[Choose the correct answers to the questions from the given options]

Q1. Which of the following can not be the probability of an event ?
a) 57 % b) 78 % c) 10 % d) 234 %

Q2. How many faces does a cube have ?
a) 5 b) 8 c) 6 d) 12

Q3. A coin is tossed once. Find the probability of getting a head :
a) $1/2$ b) $1/3$ c) $1/4$ d) none of these

Q4. The formula for calculating Principal is ?
a) $\frac{100I}{PR}$ b) $\frac{PRT}{100}$ c) $\frac{RT}{100}$ d) *none of these*

Q5. The formula for calculating distance is ?
a) speed×time b) speed/time c) time/speed d) all of these

Q6. Fill in the blanks.
a) How many line of symmetry does Circle have
b) $2^3 \times 3^2$ is
c) According to the Euler's formula the value of $F + V - E$ is
d) In a parallelogram opposite angles are to each other.
e) A die is thrown at random, find the probability of getting an odd number.....

SECTION-B

[3 ×10= 30]

[Attempt any 10 questions from this sections]

Q7. What should be subtracted from $\frac{5}{9}$. To get $\frac{9}{5}$.

Q8. A number is 15 more than the other. The sum of the two numbers is 195. Find the numbers.

Q9. A die is thrown once. Find the probability of getting :
a) An even number
b) An odd number

- c) a prime number
- d) a number less than 6
- e) a number greater than 4.

Q10. A father is 3 times as old as his son. In 10 years time, his age will be double his son's age. Find their present ages.

Q11. If $27 \times 32 = 3^x \times 2^y$; find the values of i) x ii) y iii) $x+y$ iv) $x-y$ v) $x \times y$

Q12. An iron ore contains 20% zinc. How many kg of ore will be required to get 45 kg of zinc.

Q13. The selling price of an article is Rs 1,200 and cost price is $\frac{5}{4}$ times of its cost price. find the profit or loss as percent.

Q14. In 4 years, Rs 6,000 amounts to Rs 8,000. In what time will Rs 525 amount to Rs 700 at the same rate ?

Q15. A train passes a platform 270 m long in 38 s and a man standing on the platform in 20 s. Find the length and the speed of the train.

Q16. Write the number of symmetry for the following geometrical shapes

- i) Kite
- ii) Isosceles trapezium
- iii) Rhombus
- iv) Equilateral triangle
- v) Isosceles triangle

Q17. How long will it take for Rs 1,500 to become Rs 2,040 at 8% per annum simple Interest ?

SECTION -C

[5×8 = 40]

[Attempt any 8 questions from this sections]

Q18. A car covers 375 m distance in 25 sec.

- i) Find it's speed in km/h.
- ii) if the car covers a distance of 525m with the same speed, find the time taken by it.

Q19. Evaluate :- i) $(a^{-7} \times b^{-7} \times c^5 \times d^4) \div (a^4 \times b^4 \times c^4)$

- ii) Express 729 as a power of 3

Q20. A die is thrown once. Find the probability of getting :

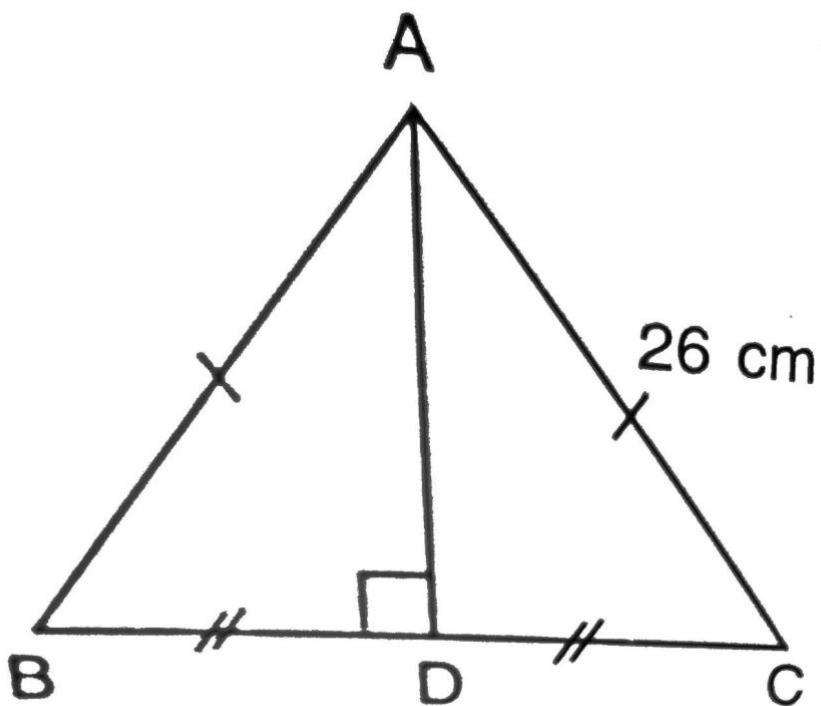
- i) a prime number
- ii) a number greater than 3
- iii) a number other than 3
- iv) a number less than 6
- v) a number greater than 6

Q21. Use Euler's formula to find the values of x and y.

- i) Faces = x, Vertices = 15, Edges = 20
- ii) Faces = 6, Vertices = y, Edges = 8

Q22. Construct an angle 120° and also write steps.

Q23. In the given figure, angle ADB = 90° , AC=AB=26 cm and BD=DC. If the length of AD=24 cm; find the length of BC.



Q24. Construct an angle 30° and also write the steps.

Q25. A box contain 3 yellow, 4 green and 8 blue tickets. A ticket is chosen at random.

find the probability that the ticket is :

- a) Yellow
- b) green
- c) blue
- d) red
- e) not yellow

Q26. A 100 m long train passes a 200 m long platform in 20 seconds. Find the speed of the train.

Silver Grove School

Class – VII, Computer Sample Paper (SET – B)

Instruction: *1. Read all questions attentively.
2. It is compulsory to attempt all questions.
3. Marks for each question have been given.*

Q1. Fill up the blanks with suitable words.

$$(0.5 * 10 = 5)$$

1. The place value is determined by theof the digit in the number.
2. The right most digits in a binary number system is called.....
3. The total number of digits used in a number system is called.....
4. Thevirus transmits through emails and mainly target Microsoft word files.
5. The base of Hexadecimal number system is.....
6. Acannot have more than one primary key.
7. A database is broadly categorised in two types.....and.....
8. An unordered list is also called alist.
9. The tag defines that a cell is afor a column or row. |

Q2. Write the statement as true or false.

$$(0.5 * 10 = 5)$$

1. tag is used to create an unordered list.
2. HTML tags are not enclosed in angle brackets.
3. Ordered lists show numbers by default.
4. SRC attributes is used to specify the URL of the image to be displayed on a webpage.
5. The binary number system works well for the Computers.
6. The tag is used to list an item and is used to define the tag.
7. The base of decimal number system is 2.
8. In MS Access, you cannot move a field from one location to other.
9. A foreign key is a value in one table matching the primary key of another table.
10. A Projector is a type of input devices.

Q.3 Give full forms of the following:

2.5

1.CD

2. DVD

3.CU

4. GIF

5. MU

0.4 Name the Following: -

2.5

1. Name the tag which is used to define an item in a list.
2. Name a graphics format supported by web browser.
3. Name the data types that stores alphanumeric data.
4. Name the two attributes of tag.
5. Name the attribute used to set background colour of a table.

Q.5 Answer the following questions in brief. (Any five)

$$(2*6=12)$$

1. Write a short note on list types in HTML.
2. Explain the binary number system with example.
3. Write a brief note on definition list.
4. Differentiate between ordered and unordered list.
5. Why is `<form>` tag used in HTML?
6. Define `<marquee>` tag. List any two of its attributes.

Q6. Application based question:

$$(1.5 * 2 = 3)$$

1. Leena has created a webpage. She now wishes to add an image in the background of this webpage. Suggest her the tag that can help her accomplish this tag.
2. A number system has made the representation of large value easy. It is made up of 10 symbols which is from 0 to 9. which number system is we talking about.

Q.8 Solve the following numerical

(2 * 5 = 10)

1. Convert $(87)_{10}$ into Binary Number system.
2. Convert $(111101)_2$ into decimal number system.
3. Convert $(2AC)_{16}$ into decimal number system.
4. Solve $(1111)_2 + (1101)_2$.
5. Convert $(1357)_8$ into Decimal number system.

Artificial Intelligence Project & Practical Exams -

10

Sample PAPER SET B 7th history
Silver Grove School

CLASS- 7

SUBJECT: History/Civics

TIME: 2:00 Hrs.

M.M. 50

INSTRUCTIONS :

- *Read the question paper carefully
- *Marks are given against each question .

SECTION -1(COMPULSORY)

Question(1) Tick the correct answer .

(5)

(A) The Ibadat Khana was built by Akbar at:

- a) Agra
- b) Delhi
- c) Fatehpur Sikri
- d) Lahore

(B) The battle of Chanderi took place in the year

- (1) 1528
- (2) 1527
- (3) 1525
- (4) 1526

(C) Which of the following was a painter in Akbar's court

- (1) Abul fazal
- (2) Faizi
- (3) Daswan
- (4) Tansen

(D) Jalaluddin Muhammad assumed the title of_____

- 1) Aurangzeb
- (2) Akbar
- (3) Shahjahan
- (4) Jahangir

(E) Guru Arjan Dev, the fifth Sikh guru was put to death by_____

- (1) Jahangir
- (2) Shahjahan
- (3) Murad
- (4) Bahadur Shah I

(F) Mughal painting reached a climax under_____

- (1) Aurangzeb
- (2) Jahangir
- (3) Muhammad Shah
- (4) Babur

(G) Who advocated the doctrine of Advaitism?

- (1) Shankaracharya
- (2) Guru Nanak
- (3) Kabir
- (4) Chaitanya Mahaprabhu

(H) The main aim of Directive Principles is to:

- a) Protect fundamental rights
- b) Establish a welfare state
- c) Conduct elections
- d) Control judiciary

(I) Which tax on non-Muslims was abolished by Akbar?

- a) Zakat
- b) Khiraj
- c) Jizya
- d) Ushr

(J) Jahangir was known for which religious policy?

- a) Strict religious laws
- b) Complete intolerance
- c) Continuation of Akbar's tolerant policy
- d) Destruction of temples

Question 2) Fill in the blanks

(5)

- (1) Muhammad Ghori defeated in the second Battle of the train.
- (2) Mahmud Ghazni plunder.....in CE 1025.
- (3) Tulsidas wrote the in Awadhi .
- (4) was the guardian of Akbar.
- (5) Aurangzeb reimposed Jizya and tax.
- (6) Articles _ talks about equal pay for equal work.
- (7) Akbar introduced the policy of which means universal tolerance.
- (8) The Ibadat Khana was built at
- (9) Shah Jahan is known for building the in memory of Mumtaz Mahal.
- (10) The Constitution was written by.....

Questions 3) Match column (A) with column (B).

(5)

Column A

- 1. Supreme Court
- 2. Ramanand was born at
- 3. Guru Arjan Dev
- 4. Aurangzeb
- 5. B. R. Ambedkar
- 6. Babur won victory due to
- 7. Jizya
- 8. Mansabdari System
- 9. Sulh-i-Kul
- 10. Taj Mahal

Column B

- A. Chairman of the Drafting Committee
- B. The fifth Sikh Guru, was tortured to death by Jahangir
- C. Tax on non-Muslims
- D. Public Interest Litigation
- E. Military-administrative system
- F. Prayagraj
- G. Highest court in India
- H. Use of artillery
- I. White marble monument
- J. Religious faith started by Akbar

Questions (4)State whether the following statements are True or False . (5)

- 1) Humayun died in 1550 CE...
- 2) Raja Todar Mal was the Revenue Minister of Akbar
- 3)The main aim of DPSPs is to establish a welfare state. _____
- 4) Bairam Khan was a faithful general who serve both Humayun Akbar loyally
- 5) Jahangir left the administration in the hands of his queen, Nur Jahan.
- 6) Saint Tukaram was a contemporary of shivaji_____
- 7) Shah Jahan destroyed many temples during his rule. _____
- 8)In India all religions are equally respected....
- 9) Aurangzeb was the son of Shah Jahan. _____
- 10)Aurangzeb ruled the Mughal Empire for a short period of only five years. _____

SECTION- 2(COMPULSORY)

Questions 5) (Case study based Question)

NOTE * Attempt any one .

Read the passage given below and answer the questions that follow .

(2)

Read the passage given below and answer the questions that follow.

The Government of India started several welfare schemes to improve the lives of people. It provides free education to children, promotes equal pay for equal work for men and women, improves public health facilities, and encourages the organisation of village panchayats. Though these principles are not enforceable by courts, they guide the government in making laws and policies to establish social and economic justice in the country.

MCQs Based on the Case Study

1. The main aim of the Directive Principles of State Policy is to:

- a) Establish political parties
- b) Establish a welfare state
- c) Conduct elections
- d) Appoint judges

2. Directive Principles are:

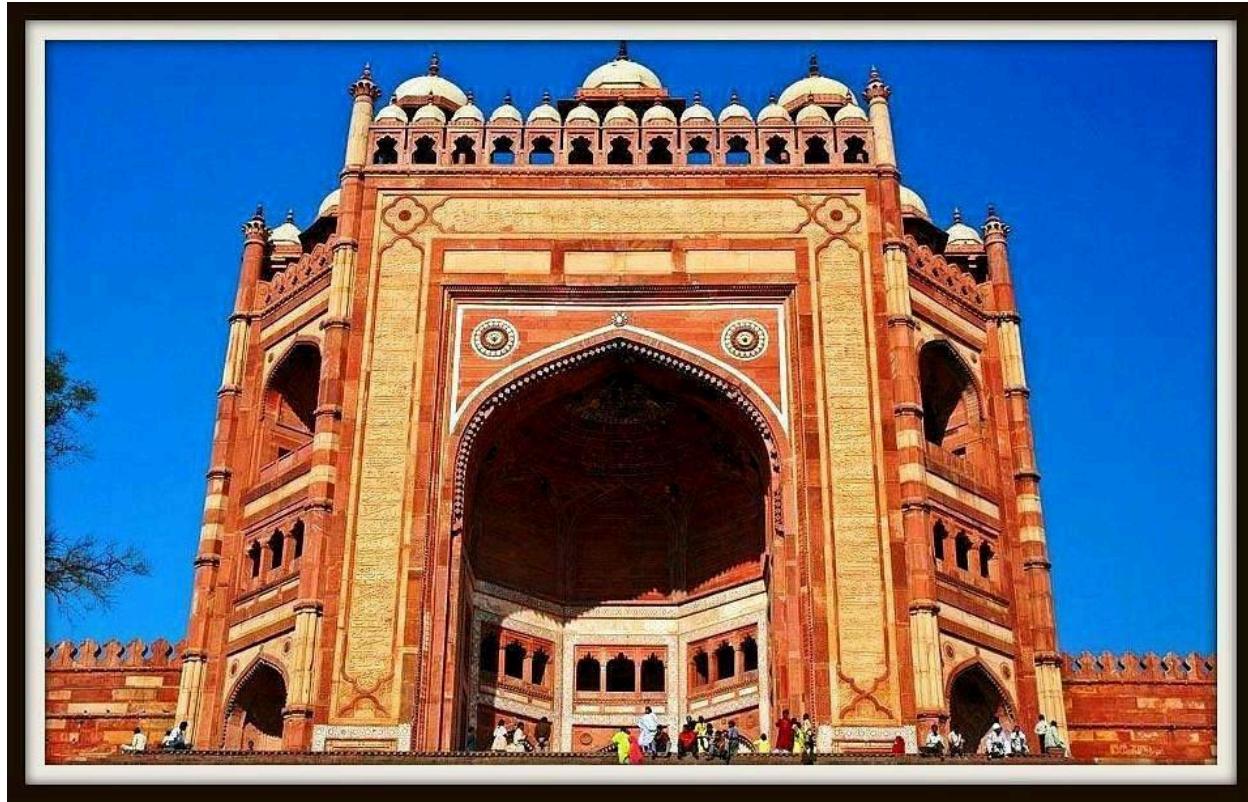
- a) Legally enforceable by courts
- b) Binding on citizens only
- c) Guidelines for the government
- d) Temporary laws

3. Equal pay for equal work is mentioned under:

- a) Article 40
- b) Article 44
- c) Article 39(d)
- d) Article 32

Questions 6) Picture study

(3)



1. Look at the picture carefully.

- a) Name the building shown in the above picture.
- b) Where is this building located?
- c) Name the Mughal emperor who built this monument.

Question 7) Draw the Timeline to show the 1600 to 1710. (2)

SECTION(3)

Question (8)

NOTE * Attempt any five questions. The first question is compulsory.

(5×2=10)

- (1) What do you understand by the term Din-i-Ilahi i.
- (2) Do you think architecture flourished during Akbar's reign?
- (3) What is the cultural achievement of Akbar?
- (4) Why was the first battle of Panipat fought? what were its results
- (5) Why is sher shah known as a good administrator?
- (6) Explain about religious reforms movements.
- (7) Explain about aurangzeb policy.
- (8) What do you mean by the term 'Constitution'? what does it contain?

Question 9) Map work.

(3)

On the given map of India draw and colour the major bhakti saints and the regions associated with them.

Questions (10) Projects

(5)

ANNUAL EXAMINATION (2025–26)

SAMPLE QUESTION PAPER – SET B

Subject: General Knowledge

Class: VII

Time: 2 Hours

Maximum Marks: 50

General Instructions:

1. All questions are compulsory.
2. The question paper is divided into three sections – A, B and C.
3. Read the questions carefully before answering.
4. Write neat and clean answers.

Section – A (15 × 1 = 15 Marks)

Q1. Match the Formula One Circuits with their correct locations:

| Circuits | Locations |
|----------------------------------|------------------------------|
| 1. Marina Bay Street Circuit | a. Liverpool, United Kingdom |
| 2. Fuji Speedway | b. Casablanca, Morocco |
| 3. Fair Park | c. Kuala Lumpur, Malaysia |
| 4. AVUS | d. Singapore |
| 5. Ain Diab | e. Abu Dhabi, UAE |
| 6. Buddh International Circuit | f. Dallas, USA |
| 7. Aintree | g. Barcelona, Spain |
| 8. Yas Marina Circuit | h. Berlin, Germany |
| 9. Pedralbes Circuit | i. Shizuoka, Japan |
| 10. Sepang International Circuit | j. Greater Noida, India |

Q2. Match the Dams with their Rivers:

| Dams | Rivers |
|-----------|---------------|
| 11. Tehri | k. Bhagirathi |
| 12. Koyna | l. Koyna |

| | |
|---------------------|-------------|
| 13. Hirakud | m. Mahanadi |
| 14. Nagarjuna Sagar | n. Krishna |
| 15. Salal | o. Chenab |

Section – B (10 × 2 = 20 Marks)

1. Originally known as Harmandir Sahib, located in Amritsar.
2. Dedicated to Goddess Laxmi and located on a hill.
3. The longest and most sacred river of India.
4. South Indian temple dedicated to Lord Venkateswara.
5. Cave temple dedicated to Lord Shiva, believed to be 5000 years old.
6. Muslim pilgrimage place of Khwaja Moinuddin Chishti.
7. Home of Sai Baba.
8. He spoke at the Parliament of Religions in Chicago.
9. Daughter of King Ashoka who spread Buddhism in Sri Lanka.
10. Escaped from jail and organised a military force abroad to fight the British.

Section – C (15 × 1 = 15 Marks)

1. Founder of Microsoft Corporation.
2. Co-founder of Apple Computers.
3. Founder of Facebook.
4. Co-founder of Google Inc.
5. Inventor of the World Wide Web.
6. Founder of Linux.
7. Real name Narendranath Dutta.
8. Real name Mehr-un-nisa.
9. Founder of Swatantra Party and last Indian Governor-General.
10. Leader of the Moderates in Indian National Movement.
11. First Indian who sacrificed his life by fasting in jail.
12. First Chief Minister of Assam.
13. Dam built on the Damodar River.
14. Circuit located in Singapore.
15. Dam located in Odisha.

Set B

Silver Grove School

Annual Examination 2025-26

Subject – Hindi

Class – 7

TIME ALLOWED: 3 HRS

MAX.

MARKS: 100

निर्देश :-

इस प्रश्न-पत्र में दो खंड हैं।

इस प्रश्न पत्र में दो खंड हैं खंड क और ख। वस्तुपरक प्रश्न खंड क में व्याकरण से प्रश्न दिए गए।

खंड-क में अपठित गद्यांश है। जिसमें चार प्रश्न दिए गए हैं। सभी प्रश्न अनिवार्य हैं।

खंड -ख में लेखन संबंधित प्रश्न हैं, जिनके उत्तर निर्देशानुसार देने हैं।

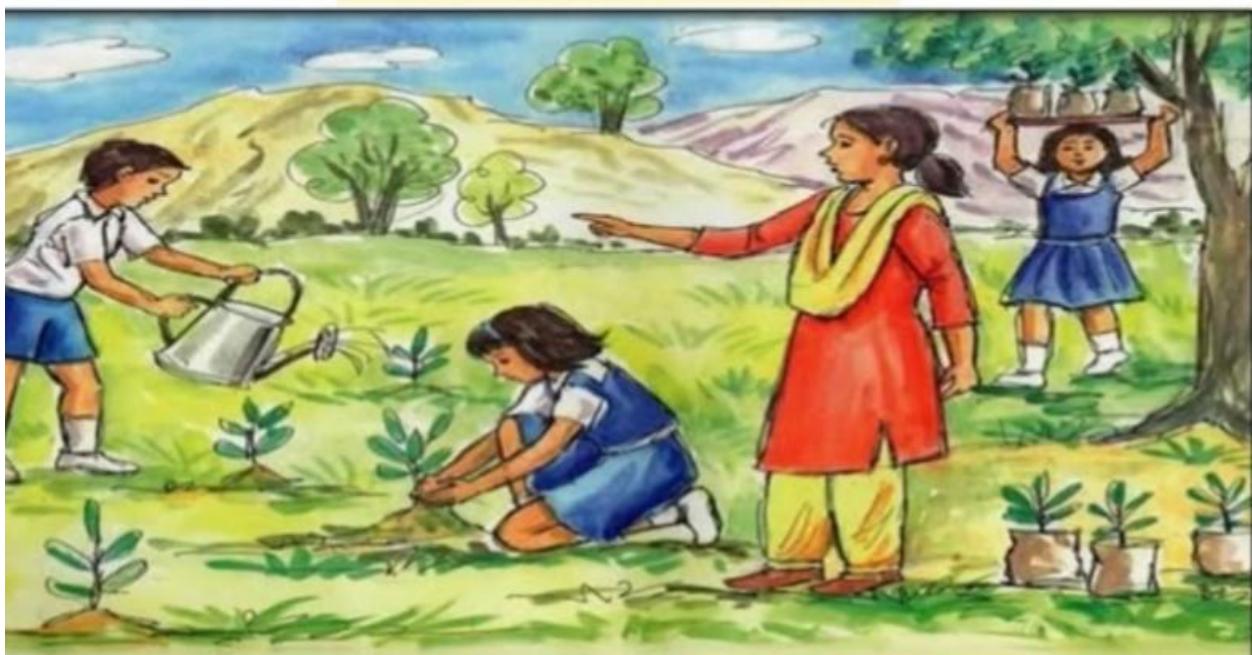
सुलेख एवं स्वच्छता आवश्यक है।

(ii) दोनों खंडों के प्रश्नों के उत्तर देना अनिवार्य है।

(i) यथासंभव प्रत्येक खंड के उत्तर क्रमशः दीजिए।

खंड क

प्रश्न (1)- नीचे दिए गए चित्र को देखकर एक निबंध अथवा कहानी अपने शब्दों में लिखें। 10



प्रश्न (2) निम्न में से किसी एक विषय पर 150 शब्दों में लेख लिखें।

10

इंटरनेट की दुनिया

या

कोरोना वायरस (कॉविड-19)

प्रश्न (3)) निम्नलिखित विषयों में से किसी के विषय पर पत्र लिखिए: 5

प्रधानाचार्य को आवेदन पत्र_ वाद विवाद प्रतियोगिता में भाग लेने हेतु।

या

फोस माफ करने के लिए प्रधानाचार्य को पत्र लिखें।

प्रश्न (4)उपर्युक्त गद्यांश को पढ़कर निम्नलिखित प्रश्नों के उत्तर दीजिए: 4

हमारा प्रत्येक विचार हमारे पथ में काँटे या पुष्प बिखरेता है। हम जैसा चाहें, अपने विचारों की शक्ति द्वारा बन सकते हैं। कोई भविस्फोटक पदार्थ मनुष्य के प्रचंड विचारों से बढ़कर शक्ति नहीं रखता है। कोई भी संबंधी, देवी, देवता हमारी इतनी सहायता न कर सकता, जितने हमारे विचार। अतः जब तक हम अपने विचारों को निग्र, निकृष्ट, खोटी वस्तुओं से हटाकर ऊँचे विषयों में नहीं लगाते, तब तक हमारे विचार परमात्मा की असीम शक्ति से सामंजस्य प्राप्त नहीं करते।

प्रश्न-

क हमारा विचार हमारे पथ में क्या बिखरता है -
ख . विस्फोटक पदार्थ से भी ज्यादा कौन सी शक्ति है?
ग हमारे लिए देवी देवताओं से भी ज्यादा कौन सहायक है?
घ . गदयांश का उपयुक्त शीर्षक लिखिए ?

(5)-लिखित शब्दों के तीन तीन पर्यायवाची शब्द लिखिए॥4

(क) क्रोध (ख) मीठा,
(ग) हिमालय
(घ) शादी

प्रश्न (6)-निम्नलिखित शब्दों के विलोम शब्द लिखिए ।2

(क) अमर (ख) ख)श्रद्धा
(ग) ज्ञानी (घ) (घ)संधि

प्रश्न (7) निम्नलिखित मुहावरों का अर्थ स्पष्ट करते हुए वाक्यों में प्रयोग कीजिए ।3

(क) . अंक में भरना

(ख). श्री गणेश करना

(ग) आंख खुलना

(घ) स्वाहा होना

8निम्नलिखित शब्दों के शुद्ध रूप लिखें ।2

अशुद्ध शुद्ध

अगामी. ----

अविष्कार ----

अर्शीवाद -----

आसा. -----

9निम्नलिखित वाक्यांश के लिए एक शब्द लिखें |2

1 तीन फलों का मिश्रण

2 भूत ,भविष्य एवं वर्तमान को देखने वाला

3 बहुत सी भाषाएं जनने वाला

4. दूसरों के अधीन

10सही उत्तर चुनिए :-2

क. अधिक रुकना हो तो प्रयोग किया जाता है :

पूर्ण विराम

अर्ध विराम

ख. हर्ष, विषाद के लिए प्रयोग किया जाता है :

i. पूर्ण विराम

ii. विस्मयादिबोधक

ग. किसी वाक्यांश का अर्थ प्रकट करने के लिए आता है :

i. कोषक

ii. प्रश्नवाचक

घ. दूसरे की उक्ति ज्यों की त्यों बताने के लिए आता है :

i. उद्धरण चिन्ह

ii. योजक चिन्ह

11 निम्नलिखित प्रश्नों के उत्तर लिखिए-4

I विराम चिन्ह से आप क्या समझते हैं? इसका प्रयोग का वाक्य में क्यों किया जाता है?

II वाक्य को परिभाषित करते हुए उनके अंगों को लिखिए।

III प्रत्यय की परिभाषा उदाहरण सहित दीजिए।

IV संधि की परिभाषा दीजिए। इसके कितने भेद हैं?

12 सामासिक पद बनाइए-2.5

समास-विग्रह

(क) पूजा के लिए घर. -----

(ख) पेट भरकर. -----

(ग) लोहे के समान पुरुष. -----

(घ) तीन रंगों का समूह. -----

(ङ) बिना रोजगार के. -----

खंड-ख

13 निम्नलिखित पद्यांश को पढ़कर नीचे दिए गए प्रश्नों के सही उत्तर लिखें -5

नये गगन में नया सूर्य जो चमक रहा है यह विशाल भूखंड आज जो दमक रहा है मेरी भी आभा है इसमें।

रंग-बिरंगे

भीनी-भीनी खुशबूवाले यह जो इतने फूल खिले हैं कल इनको मेरे प्राणों ने नहलाया था कल इनको मेरे सपनों ने सहलाया था

पकी सुनहली फसलों से जो अबकी यह खलिहान भर गया मेरी रग-रग के शोनित की बूँदें इसमें मुस्काती है

I प्राणों ने किस नहलाया था?

II नए गगन में क्या चमक रहा है

III कविता के लेखक का नाम क्या है?

VI आभा, रग - रग शब्द के अर्थ लिखें।

.v पद्यांश के उपयुक्त शीर्षक लिखें?

14 निम्नलिखित प्रश्नों के उत्तर लिखें- 10

पंचमहाभूत

कौन-कौन है?

भारत माता की दृद्धशा देखकर मालवीय जी ने क्या किया

1 मालवीय जी का जन्म कहां और कब हुआ था?

2 कामरान कैसे धनवान बना

3 फूलों के खेलने की शोभा कैसी है ?

4 बड़े भैया उम्र में कितने बड़े हैं?

5 किसने बाबा को बूढ़ा बना दिया था ?

6 जल क्रांति में केंद्रीय भूमिका किसकी थी

7 सूखी धरती में क्या लौट आया ?

8 गिरजाघर के भीतरी भाग में कितने दीपक जल रहे थे

9 एफीम यरुशलम में कितने दिन रहा ?

15 किन्हीं दीर्घ उत्तरीय प्रश्नों के उत्तर लिखिए-

10

1 अब्दुल ने चोरी के संबंध में क्या अनुमान लगाया?

2 रिमोट सेंसिंग क्या है?

3 अखरी संसद का गठन क्यों किया गया ?

4 पिता की मृत्यु के बाद परिवार की क्या दशा हो गई?

5 बाबा ने परिवार की जिम्मेदारी कैसे संभाली?

6 कामरान ने अपना धन कहां छुपाया?

7मालवीय जी का व्यक्तित्व कैसा था?

16) घटना को क्रमबद्ध कीजिए-2.5

- .1. जिस तरह मेहमान पहले आते थे, उसी तरह फिर आने लगे।
2. बड़े भैया फौज में चले गए।
3. पड़ोसी दुकानदार ने ग्राहक तोड़ लिए थे।
4. पास-पड़ोस के लोगों ने बगीचे लगवाने शुरू कर दिए थे।
5. पिता जी का स्वर्गवास हुआ, तब हम छोटे थे।

(17) उपसर्ग अलग कीजिए-2

1. अधिवक्ता =
2. स्वार्थी =
3. सुदृढ़ =
4. पराभव =

18 प्रयोगात्मक कार्य

(20)

SET B GEOGRAPHY CLASS 7th

Silver Grove School send

CLASS- 7

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. Antarctica is located in which hemisphere?

- a) Northern Hemisphere
- b) Eastern Hemisphere
- c) Southern Hemisphere
- d) Western Hemisphere

2. An example of joint sector industry is _____.

- (a) Maruti Suzuki India Ltd. (b) BHEL
- (c) Reliance (d) Amul

3. Heavy machinery industries are: :

- (a) Agro-based (b) Forest-based
- (c) Marine-based (d) Mineral- based

4. Which of the following is a renewable source of energy?

- a) Coal
- b) Petroleum
- c) Natural Gas
- d) Solar Energy

5. The location of an industry depends mainly on:

- a) Availability of raw materials
- b) Colour of buildings
- c) Size of the country
- d) Population only

6. Petroleum is also known as:

- a) White Gold
- b) Black Gold
- c) Red Gold
- d) Green Gold

B. Fill up the blanks.

(4)

1. Coal, petroleum and natural gas are examples of _____ resources.
2. Hydel power is produced from _____.
Petroleum is also known as _____ gold
3. The sources of sugar are _____ and _____.
4. Sheep are reared for both _____ and _____.
5. The availability of raw materials and _____ are important factors for the location of industries.
6. Hydel power is produced from _____.

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

(3)

1. The location of industries does not depend on raw materials. _____
2. Antarctica is the hottest continent in the world. _____
3. The northern part of Australia is the main sheep breeding area.
4. Large amounts of meat exported from Australia.
5. The iron and steel industry is a small-scale industry. _____
6. Petroleum is also known as Black Gold. _____

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

(2x 5=10)

1. What is a research station? Name one Indian research station in Antarctica.
2. Write any two factors affecting the location of industries.
3. What do you mean by tertiary industries?
4. Explain three advantages of renewable energy resources.
5. Explain the importance of the iron and steel industry. (Any three points)

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

(4x 3=12)

1. Explain the different types of power resources with examples.
2. Explain the importance of the iron and steel industry. Why is it called a basic industry?
3. How many types of industries? Explain each type of industry.
4. Write some factors necessary for the installation of hydroelectric power-projects.
5. Write four advantages of using renewable sources of energy.
6. Why is energy conservation necessary? Explain with four reasons.

F. Give reason (2)

- I) the Iron and Steel industry is called a 'key industry' .

G. On the given outline world map mark and label the following:

(0.5x6=3)

1. Locate and label Osaka – Cotton textile industry centre. (0.5)
2. Mark Manchester – Textile industry. (0.5)
3. Locate Detroit – Automobile industry. (0.5)
4. Mark Silicon Valley – IT industry. (0.5)
5. Locate the Ruhr – Iron and steel industry. (0.5)
6. Mark the Middle East – Oil producing region. (0.5)

H. Picture study.

(1*3=3)



Observe the picture answer the following questions

- 1.What type of pollution is shown in the picture?
- 2.How does water pollution affect aquatic life?
- 3.Write one harmful effect of polluted water.

Project work.

(10)