



SUMMER HOLIDAYS

HOMEWORK FOR CLASS

VII

SESSION(2026-27)

**“Vacation is the time to discover,
create, learn, and grow.”**

Dear Students,

Holidays are not only meant for rest and enjoyment but also for exploring new ideas and improving your creativity. The holiday homework has been carefully planned to make learning interesting, meaningful, and enjoyable for you.

Complete your work with honesty, neatness, and dedication. Make a balance between study and recreation so that your holidays become both productive and refreshing.

Read good books, practice healthy habits, spend quality time with your family, and try to learn something new every day.

Remember: ✨ Success comes to those who work sincerely.

✨ Every small effort adds to your knowledge and confidence.

✨ Learning during holidays keeps your mind active and creative.

May your holidays be filled with happiness, positivity, and valuable learning experiences.

✨ Stay Safe • Stay Healthy • Keep Learning ✨

Best Wishes for a Happy and Productive Vacation!

GENERAL INSTRUCTIONS

- **Complete all the assigned work sincerely and submit it on the given date.**
- **Maintain neatness, proper presentation, and clarity in all subjects.**
- **Read the instructions of each task carefully before starting.**
- **Make proper use of textbooks, notebooks, and other reference materials whenever required.**
- **Parents/Guardians are requested to guide and encourage their children while completing the homework.**

Important Guidelines

- **Revise all completed work before submission.**
- **Keep your handwriting neat and your work well-organized.**

Feel free to contact subject teachers for any clarification or help.

Important Note :-The given models and activities must be prepared according to the allotted roll numbers. It is compulsory for all students as it is being conducted for assessment purposes. Assessment marks will be awarded to the students on the basis of creativity, presentation, participation, and explanation of the topic.

ACTIVITIES

1. Nature Photography

Click 10–15 photographs of nature such as flowers, trees, birds, sunrise, sunset, rain, etc.

Choose clear and creative pictures.

Paste the photographs neatly in a scrapbook.

2. Water Balloon Activity

Hang water balloons on a tree or rope.

Pop them using a stick.

Take photographs during the activity.

Paste the pictures in the scrapbook with a short description.

3. Indoor Plantation

Plant some indoor plants in pots or containers.

Water them regularly and take care of them.

Click pictures of the planting process and growth.

4. Homemade Popsicle Activity

Prepare juice or mojito at home.

Freeze it to make pop candies/popsicles.

Take photographs of the preparation steps.

5. Care for Grandparents

Spend three days helping and taking care of your grandparents.

Help them in daily activities and spend quality time with them.

Make short videos or click pictures of these moments.

6. Yoga Session

Join any free yoga session or practice yoga at home.

Learn simple yoga poses and breathing exercises.

Take one or two photographs during the session.

Scrapbook Preparation

Collect all photographs, drawings, and activity details.

Arrange them neatly in a scrapbook.

Decorate the scrapbook creatively.

Write Short Notes On

1. Nelson Mandela

Write a few lines about his life and contribution to peace and equality.

2. Sudha Murty

Write about her achievements and social work.

3. KFC Founder – Colonel Harland Sanders

Write a few lines about KFC and its founder.

4. Facebook Founder – Mark Zuckerberg

Write a few lines about Facebook and its founder.

ENGLISH

Do given pages in BBC Compacta

Module - :1 (writing) Notice writing - Page -69 to 79.

Diary Entry -page no.69 to 79.

Descriptive Paragraph - page -96 to101

*Module - : 4 Article Writing - page - 198 to 205.

*Module : 5(Grammar)

Do Adjectives - page - page - 261 to - 270.

Verbs - Page - 275 to 278.

Adverbs - page 309 to 314

*Literature :

Revise Que - Ans; Reference to context & Book Exercise of Ch. 1,2 and Poem - 1.

*Project Work :

Make a project file on the Poem 'In The Bazaars of Hyderabad'

About the Poet

Introduction of the Poem

Summary

Literary Devices

Difficult Words & Meanings

Question–Answers

Creative Activity

Conclusion

***Working Model :- (Grammar)**

1) Make a rotating wheel on parts of speech with these topics : Roll no(1 to 8)

- a) Noun
- b) Pronoun
- c) Verb
- d) Adverb
- e) Adjectives
- f) Prepositions

2) Tense Machine

Roll no(9 to 16)

Use cardboard box with three windows :

- a) Present Tense
- b) Past Tense
- c) Future Tense

3) Story Sequence Model (Chapter - Based)

Roll No(17 to 25)

- a) Draw important scenes from lessons on cards.
- b) Arrange them in the correct order on a moving chart.
- c) Explain the plot as you move the chart.

4) Make a working model on types of verbs

Roll no(26 to 33)

5) Grammar Tree : 1

Roll no(34 to 38)

Make a Model on Grammar Tree:

- a) Roots : Sentences
- b) Branches Noun, Verb, Adverb, Adjectives.

Instructions

Complete all work neatly in separate notebook/file.

Maintain proper handwriting and presentation.

Use coloured headings and relevant pictures.

Project work should be handwritten and creative.

Hindi

*Learn all work done in book and notebook.

* Do written work in separate notebook.

1. कार्य प्रपत्र (Worksheets)-

कार्य प्रपत्र एक से लेकर प्रपत्र 5 तक कनक हिंदी व्याकरण पुस्तक में कीजिए ।

2. निम्नलिखित विषयों पर दिए गए बिंदुओं के आधार पर अनुच्छेद लिखिए:-

1. विज्ञान का अद्भुत वरदान- कंप्यूटर विज्ञान के वरदान ,मानव मस्तिष्क से भी बढ़कर ,सभी क्षेत्रों में इसका उपयोग, ज्ञान प्राप्त करने का अद्भुत साधन

2. काश !मैं पक्षी बन जाता -पक्षी बनने की इच्छा क्यों ?,आप पक्षी बनकर क्या-क्या करते हैं, उससे क्या लाभ होता है?

3. पराधीन सपनेहु सुख नाही- सबसे बड़ा सुख स्वाधीनता, इतिहास के उदाहरण ,आजादी के लिए की गई कुर्बानियां

4. शिक्षा में खेलों का महत्व -खेलों के प्रकार, इनकी आवश्यकता, व्यायाम का अच्छा साधन ,सद्गुणों के विकास में सहायक

5. मनोरंजन के आधुनिक साधन- मनोरंजन का अर्थ और महत्व, घर के अंदर और बाहर के मनोरंजन के साधन, शिक्षित वर्ग का मनोरंजन, मनोरंजन के कुछ नए साधन

4. औपचारिक पत्र :-

क) रेल यात्रा में जेब कट जाने की सूचना देते हुए रेलवे पुलिस के अधिकारी को पत्र लिखिए ।

ख) कक्षा में खिड़की का शीशा टूट जाने की भूल की क्षमा याचना करते हुए को प्रधानाचार्य को पत्र लिखिए।

ग) प्रधानाचार्य महोदय को आर्थिक सहायता के लिए पत्र लिखिए।

5. निम्नलिखित मुहावरों के अर्थ लिखकर वाक्य में प्रयोग करो:-

अकल का अंधा ,आंख लगना, आंखों में धूल झोंकना, आस्तीन का सांप, एक और एक ग्यारह होना, हवा से बातें करना ,कान का कच्चा होना, दांत खट्टे करना नौ दो ग्यारह होना, घी के दिए जलाना, ईद का चांद होना, अकल पर पत्थर पढ़ना, किताब का कीड़ा होना

6.Do अभ्यास कार्य pg. no20, 21,29,30,32,33,36,39,40,42,43,45

7. Make a working model according to roll numbers

* विशेषण विषय पर एक मॉडल तैयार करो।

(Roll no. 1-10)

*खेती बाड़ी पर एक मॉडल तैयार करो ।

Roll no. (11-20)

* पर्यायवाची विषय पर एक मॉडल तैयार करो ।

Roll no (21-30)

*जल चक्र का एक मॉडल तैयार करें।

Roll no. (31-40)

MATHS

■ Revision Work

Revise full Ch-1 to ch- 3 and ch-6 Full

■ Written Work

Do all Chapter End Exercises of ch- 1 to ch-3 and ch-6 in separate notebook:

Section A – Full

Section B – Full

■ Project & Assignment

Make Mind Map of Chapters 1 to 8

Use A-3 size chart paper for each mind map.

■ Mathematics Working Model

Make working model related to Mathematics topics.(According to Roll no.)

» Measurement- length, volume, mass [Roll no. 1 to 6]

» Types of triangle- Based on sides and angles[Roll no. 7 to 12]

- » Balance scale [Roll no. 12 to 18]
- » Perimeter and Area[Roll no. 19 to 24]
- » Parts of circle[Roll no. 25 to 30]
- » Rule of Exponent [Roll no. 30 to 38]

Instructions :

- > Models should be neat, creative, and working.
- > Use proper labeling and decoration.
- > Use eco-friendly and waste materials wherever possible.
- > Working condition of the model is compulsory.

SCIENCE

General Instructions:-

1. Plan your time wisely: Don't leave the home work for the last minute.
2. Neatness counts : All written work done neatly using blue or black pen.
3. Be original: Avoid copying. Use your own words and creativity.
4. Submit on time : Bring all completed homework on that day after holidays .

Assignment 1:- Write Assertion and reason in science notebook.

Assignment 2:- Solve Case Study in science notebook carefully.

Assignment 3:- learn all chapters that have done in notebook.

Assignment 4:- Make Working model according to Roll no.

Assignment 1:-

Case Study

- 1) Riya observed that mobile phones, electric vehicles, and satellites are results of scientific discoveries that make human life easier.

Questions

1. How does science help in daily life?
2. Name one invention used for communication.
3. Why do scientific ideas change with time?
4. What is the importance of experiments in science?

2) A student tested lemon juice, baking soda solution, and water using litmus paper. Lemon juice turned blue litmus red while baking soda solution turned red litmus blue.

Questions

1. Which substance is acidic?
2. Which substance is basic?
3. What is the effect of acid on blue litmus?
4. Why is water called neutral?

3) Meena connected a bulb, wire, switch, and cell. The bulb glowed only when the switch was ON.

Questions

1. What is needed for a bulb to glow?
2. What is a closed circuit?
3. Why did the bulb stop glowing when the switch was OFF?
4. Name one conductor of electricity.

4) Rohan hit an iron rod and a coal piece with a hammer. The iron rod changed shape while the coal broke into pieces.

Questions

1. Which material is malleable?
2. Why did coal break easily?
3. Name one non-metal.
4. Which property of metals is shown here?

5) Ice cubes melted into water while milk left outside turned sour after some time.

Questions

1. Which change is physical?
2. Which change is chemical?
3. Is melting of ice reversible?
4. Why is souring of milk irreversible?

Assignment :- 2

Assertion and Reason

Assertion 1

Assertion (A): Science improves the quality of human life.

Reason (R): Scientific inventions make work easier and faster.

Assertion 2

Assertion (A): Observation is important in science.

Reason (R): Scientists study things carefully before drawing conclusions.

Assertion 3

Assertion (A): Scientific knowledge remains exactly the same forever.

Reason (R): New discoveries can modify old ideas.

Assertion 4

Assertion (A): Acids turn blue litmus red.

Reason (R): Acids contain acidic properties.

Assertion 5

Assertion (A): Soap solution is basic in nature.

Reason (R): It turns red litmus paper blue.

Assertion 6

Assertion (A): Neutral substances do not change litmus colour.

Reason (R): They are neither acidic nor basic.

Assertion 7

Assertion (A): Electric current flows only in a closed circuit.

Reason (R): A complete path is required for current flow.

Assertion 8

Assertion (A): Metals are good conductors of electricity.

Reason (R): Electric current can pass easily through them.

Assertion 9

Assertion (A): Plastic is used to cover electric wires.

Reason (R): Plastic is an insulator.

Assertion 10

Assertion (A): Metals are malleable.

Reason (R): They can be beaten into thin sheets.

Assertion 11

Assertion (A): Non-metals are generally brittle.

Reason (R): They break easily when hammered.

Assertion 12

Assertion (A): Copper is used in electric wires.

Reason (R): Copper is a good conductor of electricity.

Assertion 13

Assertion (A): Physical changes do not form new substances.

Reason (R): Only the state or shape changes.

Assertion 14

Assertion (A): Rusting is a chemical change.

Reason (R): A new substance called rust is formed.

Assertion 15

Assertion (A): Chemical changes are usually irreversible.

Reason (R): New substances are formed during the change.

Assignment – Working Models

- 1) Air expands on heating / thunderstorms in containers / Balloon Rocket (Roll no. 1 to 5)
- 2) Microscope / photosynthesis / layers of soil (Roll no. 6 to 10)
- 3) Working model of periodic table / water clock / mechanism of breathing (Roll no. 11 to 15)
- 4) Water cycle / human digestive system/ Respiration in plants (Roll no.16 to 20)
- 5) Ocean currents / water dispenser / germination of seeds (Roll no. 21 to 25)
- 6) Hygrometer / air is exhaled into lime water (Roll No.26 to 30)
- 7) Human lungs / Exhalation / Inhalation (Roll no. 31 to 35)
- 8) Respiration in organism / pinhole camera / multiple Reflection in mirror (Roll no. 36 to 40)

SOCIAL SCIENCE

Chapter 1: New Beginnings – Cities and States

A. Fill in the blanks

1. Early cities developed near ____ rivers.
2. A group of villages and towns ruled by one government is called a ____.
3. Trade helped cities to become more ____.
4. The ruler of a state lived in a ____.
5. Farmers produced extra food called ____.

B. True or False

1. Early cities had no markets.
2. Rivers were important for transport and farming.
3. States were formed only in modern times.
4. Craftsmen and traders lived in cities.
5. Kings collected taxes from people.

C. Short Answer Questions

1. Why did people settle near rivers?
2. What are the main features of a city?

3. How did trade help early cities grow?
4. What is the difference between a village and a city?
5. Why were states formed?

D. Long Answer Questions

1. Explain how early cities developed.
2. Describe the role of kings in ancient states.
3. Write a short note on trade and occupations in early cities.

Chapter 2: The Rise of Empires

A. Fill in the blanks

1. A large kingdom ruled by one emperor is called an ____.
2. ____ was one of the greatest rulers of the Mauryan Empire.
3. Empires expanded through wars and ____.
4. Soldiers protected the empire from ____.
5. Roads and communication helped in the administration of an ____.

B. Match the following

Column A Column B

Ashoka	Mauryan Empire
Army Protection	
Emperor	Large Kingdom
Taxes Revenue	
RoadsCommunication	

C. Short Answer Questions

1. What is an empire?
2. Name any two famous Indian empires
3. Why did rulers expand their empires?
4. How were empires administered?

5. What changes took place during Ashoka's rule?

D. Long Answer Questions

- 1. Explain the rise of the Mauryan Empire.**
- 2. Describe the importance of armies in empires.**
- 3. Write about the contributions of Emperor Ashoka.**

Chapter 3: Climate of India

A. Fill in the blanks

- 1. The weather condition over a long period is called ____.**
- 2. India experiences ____ type of climate.**
- 3. The monsoon winds bring ____ to India.**
- 4. The hottest season in India is ____.**
- 5. The Himalayas protect India from cold ____ winds.**

B. True or False

- 1. Climate and weather mean the same thing.**
- 2. India receives rainfall mainly from monsoon winds.**
- 3. Winter is the hottest season in India.**
- 4. Coastal areas have moderate climate.**
- 5. The Thar Desert receives heavy rainfall.**

C. Short Answer Questions

- 1. What is climate?**
- 2. Name the main seasons of India.**
- 3. Why is monsoon important for India?**
- 4. How do mountains affect climate?**
- 5. Why do coastal regions have moderate temperature?**

D. Long Answer Questions

- 1. Explain the different seasons of India.**

2. Describe the factors affecting the climate of India.
3. Write about the importance of monsoon rainfall.

Project Work Ideas

1. New Beginnings – Cities and States

Project Topics:

Make a model of an ancient city using cardboard/clay.

Draw a chart showing features of early cities.

Prepare a map showing famous ancient cities of India.

Activity:

Collect pictures of ancient buildings and paste them in a scrapbook with short descriptions.

2. The Rise of Empires

Project Topics:

Make a timeline of famous Indian empires.

Prepare a crown or sword model using waste material.

Draw and label the Mauryan Empire map.

Activity:

Write 10 lines on Ashoka and his teachings.

3. Climate of India

Project Topics:

Make a weather chart for one week.

Prepare a working model of the water cycle.

Draw India's climate map showing rainfall regions.

Activity:

Collect newspaper weather reports and compare temperatures of different cities.

HOTS (Higher Order Thinking Skills)

- 1. Why do you think rivers were important for the growth of civilizations?**
- 2. How would life change without monsoon rains in India?**
- 3. What qualities make a ruler successful?**
- 4. Why do different parts of India have different climates?**

Punjabi

*Learn all work done in book and notebook .

*Do this work in separate notebook

1 ਹੇਠ ਲਿਖੇ ਮੁਹਾਵਰਿਆਂ ਦੇ ਅਰਥ ਦੱਸ ਕੇ ਵਾਕਾਂ ਵਿੱਚ ਵਰਤੋ :-

ਉਸਤਾਦੀ ਕਰਨੀ, ਅੱਖ ਲੱਗਣੀ, ਅੱਖਾਂ ਵਿੱਚ ਰੜਕਣਾ, ਅੱਗ ਵਰਨਾ, ਨੱਕ ਰਗੜਨਾ, ਵਾਸਤੇ ਪਾਉਣੇ, ਚਾਦਰ ਦੇਖ ਕੇ ਪੈਰ ਪਸਾਰਨੇ, ਹਰਨ ਹੋ ਜਾਣਾ, ਹੱਥ ਤੰਗ ਹੋਣਾ, ਇੱਕ ਮੁੱਠ ਹੋਣਾ, ਤਿੱਤਰ ਹੋਣਾ ,ਧੱਕਾ ਕਰਨਾ, ਆਓ ਭਗਤ ਕਰਨੀ, ਕੰਨ ਭਰਨੇ

2.ਹੇਠ ਲਿਖੇ ਵਿਸ਼ਿਆਂ ਤੇ 150 ਤੋਂ 200 ਸ਼ਬਦਾਂ ਵਿੱਚ ਲੇਖ ਲਿਖੋ:-

ਸ਼੍ਰੀ ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਜੀ, ਕੰਪਿਊਟਰ ,ਸਫਾਈ ਦਾ ਮਹੱਤਵ, ਅਨੁਸ਼ਾਸਨ ਅਤੇ ਵਿਦਿਆਰਥੀ, ਸਵੇਰ ਦੀ ਸੈਰ

3.ਆਪਣੇ ਪੰਜਾਬੀ ਦੀ ਵਿਆਕਰਨ ਪੁਸਤਕ ਵਿੱਚੋਂ ਪੇਜ ਨੰਬਰ 119 ਤੋਂ ਪੇਜ ਨੰਬਰ 121 ਤੱਕ ਨਿਜੀ ਪੱਤਰ ਲਿਖੋ:-

4.ਹੇਠ ਲਿਖੇ ਵਿਸ਼ਿਆਂ ਉੱਤੇ ਕਹਾਣੀ ਰਚਨਾ ਆਪਣੇ ਸ਼ਬਦਾਂ ਵਿੱਚ ਕਰੋ :-

ਲੁੰਬੜੀ ਅਤੇ ਬੱਕਰੀ ,ਜੇ ਰੱਬ ਕਰਦਾ ਚੰਗੀ ,ਸਿਆਣਾ ਕਬੂਤਰ, ਇਮਾਨਦਾਰ ਲੱਕੜਹਾਰਾ ,ਝੂਠਾ ਆਜੜੀ(ਗਡਰੀਆ)

5. ਦੱਸ ਪੇਜ ਸੁਲੇਖ ਆਪਣੇ ਪੰਜਾਬੀ ਦੀ ਪਾਠ ਪੁਸਤਕ ਰਬਾਬ ਵਿੱਚੋਂ ਲਿਖੋ:-

6. Make a working model according to roll numbers

*ਭਾਸ਼ਾ ਦੀ ਪਰਿਭਾਸ਼ਾ ਲਿਖ ਕੇ ਇਸ ਦਾ ਇੱਕ ਮਾਡਲ ਤਿਆਰ ਕਰੋ:- (ਰੋਲ ਨੰਬਰ 1-10)

*ਪੰਜਾਬੀ ਅੱਖਰ ਮਾਲਾ ਦਾ ਇੱਕ ਚਾਰਟ ਤਿਆਰ ਕਰੋ:- (ਰੋਲ ਨੰਬਰ 11 ਤੋਂ 20)

*ਵਿਰੋਧੀ ਸ਼ਬਦ ਦੀ ਪਰਿਭਾਸ਼ਾ ਲਿਖ ਕੇ ਇੱਕ ਮਾਡਲ ਤਿਆਰ ਕਰੋ:- (ਰੋਲ ਨੰਬਰ 21 ਤੋਂ 30)

*ਵਿਆਕਰਨ ਦੀ ਪਰਿਭਾਸ਼ਾ ਲਿਖ ਕੇ ਏਂਕ ਮਾਡਲ ਤਿਆਰ ਕਰੋ:-

(ਰੋਲ ਨੰਬਰ 30 ਤੋਂ 38)

July periodic syllabus

Lit-ਪਾਠ -2 ਚਿੜੀਆ ਘਰ ਦੀ ਸੈਰ, ਪਾਠ-3 ਮੈਂ ਰੁੱਖ ਹਾਂ

Lang- ਪਾਠ- 2 ਵਿਆਕਰਨ, ਵਿਰੋਧੀ ਸ਼ਬਦ ,ਅਸ਼ੁੱਧ -ਸ਼ੁੱਧ, ਪ੍ਰਾਰਥਨਾ ਪੱਤਰ

Sanskrit

ਪ੍ਰਸ਼ 1 -ਪ੍ਰਥਮ: ਪਾਠ: ਸੇ ਚਤੁਰ੍ਥ: ਪਾਠ: ਤਕ ਪ੍ਰਸ਼ ਉਤਰ ਯਾਦ ਕਰੋਂ।

ਪ੍ਰਸ਼ 2- ਵੰਦਨਾ ਕੋ ਕੰਠਸ੍ਥ ਕਰਕੇ ਅਪਨੇ ਉਤਰ ਪੁਸ੍ਤਿਕਾ ਮੇਂ ਲਿਖੇਂ।

ਪ੍ਰਸ਼ 3- ਏਕ ਚਾਟੰ ਪਰ ਲਡੂ ਲਕਾਰ ਪਰ ਆਧਾਰਿਤ ਪ੍ਰਥਮ ਪੁਰੁਸ਼ ਸੇ ਦਸ ਵਾਕ੍ਯ ਸੁੰਦਰ ਚਿਤ੍ਰੋਂ ਕੇ ਸਾਥ ਅਪਨੇ ਅਭ੍ਯਾਸ ਪੁਸ੍ਤਿਕਾ ਮੇਂ ਲਿਖਿਏ ।

ਪ੍ਰਸ਼ 4- ਪਾਠ 3 ਕੇ ਆਧਾਰ ਪਰ “ਭੁਭੁਜ਼ਿਤਾ: ਕਪੋਤਾ:” (ਭੂਖੇ ਕਭੂਤਰ)ਕਾ ਸਾਰਾਂਸ਼ ਅਪਨੇ ਸ਼ਬਦੋਂ ਮੇਂ ਲਿਖੇਂ।

ਪ੍ਰਸ਼ 5- ਨਿਮ੍ਨਲਿਖਿਤ ਧਾਤੁਓਂ ਸੇ ਮਧ੍ਯਮ ਪੁਰੁਸ਼ ਲਡੂਲਕਾਰ ਮੇਂ ਤੀਨੋਂ ਵਚਨੋਂ ਕੇ ਵਾਕ੍ਯ ਬਨਾਕਰ ਅਭ੍ਯਾਸ ਪੁਸ੍ਤਿਕਾ ਮੇਂ ਲਿਖਿਏ ਤਥਾ ਸੰਬੰਧਿਤ ਚਿਤ੍ਰ ਭੀ ਲਗਾਏ- (ਪਠ੍ ,ਚਲ੍, ਖਾਦ੍, ਲਿਖ ਤਥਾ ਪਚ੍)

ਪ੍ਰਸ਼ 6- ਸਰਸ੍ਵਤੀ ਕੇ ਮਾਨਸ ਪੁਤ੍ਰ ਕਾ ਚਿਤ੍ਰ ਬਨਾਕਰ ਉਨਕੇ ਬਾਰੇ ਮੇਂ 10 ਵਾਕ੍ਯ ਬਨਾਏ।

ਪ੍ਰਸ਼ 7- ਵਿਦ੍ਯਾਰਥੀ ਜੀਵਨ ਸੇ ਸੰਬੰਧਿਤ ਸੰਸਕ੍ਰੁਤ ਮੇਂ ਏਕ ਪ੍ਰੋਜੇਕਟ ਮਾੱਡਲ ਤੈਧਾਰ ਕਰੋਂ ਤਥਾ ਵਿਦ੍ਯਾਰਥੀ ਜੀਵਨ ਕਾ ਮਹ੍ਵਤ੍ਵ ਬਤਾਏਂ।

ਪ੍ਰਸ਼8- ਸੰਸਕ੍ਰੁਤ ਮੇਂ 10 ਵਸ੍ਤੁਓਂ ਕੇ ਨਾਮ ਲਿਖੇਂ & Do page no. 77

COMPUTER

Section A: Multiple Choice Questions (20 × 1 = 20 Marks)

Choose the correct option:

1. The decimal number system has a base of:

- a) 2
- b) 8
- c) 10
- d) 16

2. Which number system uses only 0 and 1?

- a) Decimal
- b) Binary
- c) Octal
- d) Hexadecimal

3. The binary number system has a base of:

- a) 2
- b) 8
- c) 10
- d) 16

4. Octal number system has a base of:

- a) 2
- b) 8
- c) 10
- d) 16

5. Hexadecimal number system has a base of:

- a) 2
- b) 8
- c) 10
- d) 16

6. Which letters are used in hexadecimal numbers?

- a) A–F
- b) G–L
- c) X–Z
- d) M–R

7. What is the result of $*1 + 1*$ in binary?

- a) 1
- b) 10
- c) 11
- d) 100

8. In binary addition, $*1 + 1 = *$

- a) 0 carry 1
- b) 1 carry 0
- c) 10 carry 0
- d) 11 carry 1

9. Binary subtraction may need:

- a) Carrying
- b) Borrowing
- c) Multiplication
- d) Division

10. What is the result of 1×1 in binary?

- a) 0
- b) 1
- c) 10
- d) 11

11. Any number multiplied by 0 equals:

- a) 1
- b) Same number
- c) 0
- d) 10

12. IoT stands for:

- a) Internet of Technology
- b) Internal of Things
- c) Internet of Things
- d) Internet of Tools

13. IoT devices are connected through:

- a) Electricity only
- b) Internet
- c) Television
- d) Radio

14. Which of the following is a smart device?

- a) Smart Watch
- b) Notebook
- c) Pencil
- d) Scale

15. Which of these is an application of IoT?

- a) Smart Home
- b) Chalk Board
- c) Story Book
- d) Blackboard

16. Smart devices can:

- a) Connect to the internet
- b) Fly in the sky
- c) Print books
- d) Cut paper

17. Which number system do computers mainly understand?

- a) Decimal
- b) Binary
- c) Octal
- d) Roman

18. Hexadecimal number system uses digits from:

- a) 0–5
- b) 0–7
- c) 0–9 and A–F
- d) 1–10

19. Which arithmetic operation comes in Binary Arithmetic Part 2?

- a) Addition only
- b) Subtraction only
- c) Multiplication and Division
- d) Fractions

20. Which of these is NOT a number system?

- a) Binary
- b) Decimal
- c) Hexadecimal
- d) Keyboard

Section B: One Word Questions ($5 \times 1 = 5$ Marks)

1. What is the base of the binary number system? _____

2. Write the full form of IoT. _____

3. Which number system has base 16? _____

4. What is the result of $*1 \times 1*$ in binary? _____

5. Name one smart device used in IoT. _____

ART & CRAFT

1. Make a mini plant by using plastic Bulb

Take a look! ★ <https://pin.it/1Pz2xJi4X>

2. Clay craft on glass bottle

Take a look! ★ <https://pin.it/4ym3TKG74>

3 Make a clay craft on mirror

Take a look! ★ <https://pin.it/4m0BZTSog>

4. Make a truck or car by using cardboard

Look at this video... 📺 <https://pin.it/1LwGN096L>

Roll No(1-9)

Roll no (10 – 19)

Roll no(20 to 28)

Roll no 29 onwards