

HOLIDAY HOMEWORK CLASS VII



It's Summertime!

Dear Parents,



As the holiday break approaches, it presents an opportune time for students to unwind, rejuvenate, and spend meaningful moments with family. It is also a period that can be thoughtfully utilized to reinforce learning and cultivate essential skills beyond the confines of the class room.

The holiday homework has been meticulously designed to promote independent learning, critical thinking, and creative expression. The assignments aim to integrate scholastic concepts with real-life applications, thereby fostering a deeper understanding and appreciation of the subjects. These tasks include a balanced blend of reading, research-based exploration, experiential learning, and reflective writing, all aligned with the overall educational objectives of holistic development.

We earnestly request your cooperation in motivating and monitoring your child's academic engagement during the break. Your support plays a pivotal role in encouraging self-discipline, responsibility, and a positive attitude toward learning. Kindly ensure that the work is completed with sincerity and originality, and that the process remains stress-free and enjoyable.

Let this holiday be a time not only for rest and recreation but also for meaningful intellectual engagement and personal growth.

With warm regards Adarsh World School







1. From the Eastern Heights (Group-Specific):

• Roll 1-16: Topic: Culture and Festivals of Sikkim

Task: On colourful A4 size sheets write about 3 major festivals, their significance and Traditional Clothing.

• Roll 17-Till last: Topic: Tourist Attractions

Task: Create a travel brochure for visiting Sikkim including places like Gangtok, Tsomgo Lake, Nathula Pass, etc.

2. Model making

• Roll no. 1-17 – Grammar Train

Materials: Small cardboard boxes, coloured paper How to Make:

- o Cover 4-5 boxes as "train coaches".
- o Label each coach: Nouns, Verbs, Adjectives, etc.
- Stick a few cut-out examples on each.

Attach all with string or glue on cardboard like a train.

• Roll no.18-till last - Authors and Poets House

Materials: Cardboard, coloured paper, markers, glue Idea:

- Make a "House" with 8 rooms. 4 rooms will represent authors and 4 rooms will represent poets.
- o Label each room: with the author's name and the poet's name.
- o Inside each room, place mini flashcards or pictures.
- Use cardboard walls to separate rooms and give it a 3D look.







- मध्याविध के पाठ्यक्रम पर आधारित वर्कशीट अलग से शीटों पर ही पूरी कीजिए।
- 2. सिक्किम राज्य की सुंदरता, संस्कृति, वेशभूषा, दर्शनीय स्थल, खानपान एवं अन्य विषयों को सम्मिलित करते हुए A3 शीट पर एक सचित्र निबंध लिखिए। (चित्रों का कोलाज बनाकर भी लिख सकते हैं)
- 3. हिंदी फिल्म जगत में साहित्य का बहुत बड़ा योगदान रहा है। यह सिर्फ हिंदी तक सीमित नहीं है बल्कि अन्य भाषा जैसे बंगाली, अंग्रेजी, उर्दू, मराठी, वह अन्य भाषाओं के भी बहुत से साहित्य को भी फिल्मों से जोड़ा गया है। निम्नलिखित साहित्यकारों का योगदान फिल्म जगत में दर्शाते हुए आकृतियों (stick puppets) के साथ एक 3D मॉडल तैयार करें जिसमें उनकी रचना और उस पर बनी फिल्मों को प्रदर्शित करें। (फिल्म की कहानी भी दर्शा सकते हैं)
 - 1-5 प्रेमचंद (गोदान व अन्य)
 - 6-10 अमृता प्रीतम (पिंजर व अन्य)
 - 11-15 शेक्सिपयर (हैदर व अन्य)
 - 16-20 रवींद्रनाथ टैगोर (चोखेर बाली वह अन्य)
 - 21-25 चेतन भगत (3 ईडियट्स व अन्य)
 - 26-30 रस्किन बॉन्ड (द ब्लू अंब्रेला व अन्य)
 - 31-35 हरिंदर सिक्का (राज़ी व अन्य)

इanşkrit



निर्देश -

- सभी कार्य स्वच्छ, सुंदर और रंगीन रूप में प्रस्तुत करें।
- मॉडल निर्माण में रीसाइकल (प्नः उपयोग किए गए) सामग्री का ही उपयोग करें।

खण्ड–अ: पठन कार्य (Reading Activity)

निम्नलिखित में से कोई एक संस्कृत कथा पढ़िए:

- ☑ पञ्चतन्त्र कथा (Panchatantra Tale)
- ☑ हितोपदेश कथा (Hitopadesha Tale)
- 🗹 कोई आध्यात्मिक कथा (जैसे रामायण, भागवत, उपनिषद से सरल बाल-कथा)

लेखन कार्य:

- 1. कथायाः नाम (कहानी का नाम)
- 2. मुख्य पात्रों के नाम
- 3. मुख्य सन्देश 2 वाक्य संस्कृत में
- 4. इस कथा का संक्षेप (8-10 वाक्य संस्कृत/हिंदी में)
- 5. आपके अनुसार इस कथा से क्या सीख मिलती है? (2–3 वाक्य) (यदि संभव हो तो उस कथा से संबंधित चित्र भी बनाकर साथ लगाएँ।)

खण्ड-बः व्याकरण पुस्तिका (Grammar Booklet)

A4 शीट्स पर बनाएँ और चित्रों/पुरानी पुस्तकों की कटिंग से सजाएँ।

- 1. वाक्य में संज्ञा पद पहचानिए 5 वाक्यों में रेखांकित करें
- 2. धातु रूप 'गम्' (जोना), 'पठ्' (पढ़ना), 'खेल्' (खेलना) लङ् लकार (भूतकाल) में रूप लिखिए
- 3. शब्द रूप 'बालक', 'फलम्', 'सरस्वती' के एकवचन, द्विवचन और बहुवचन रूप
- 4. विशेषण शब्दों के 5 उदाहरण बनाकर चित्र के साथ सजाएँ (जैसे सुन्दरः पुष्पः)

खण्ड–सः मॉडल निर्माण (Model Making – Roll Number Based)

सभी मॉडल रीसाइकल (पुनः उपयोग किए गए) सामग्री से बनाए जाएँ। मॉडल के साथ छोटा-सा विवरण संस्कृत में अवश्य जोड़ें।

- Roll No. 1–10: कारक चक्र (Kāraka Chakra Wheel)
 - 🕨 आठों कारकों के नाम, उदाहरण और उनके प्रयोग को एक घूमने वाले पहिए (rotating model) पर दर्शाएँ।
- Roll No. 11–17: धातुरूप पहिया (Verb Form Spinner)
 - ➤ 'गम्', 'पठ्', 'खा', 'नय्' जैसी धातुओं के तीनों कालों (वर्तमान, भूत, भविष्य) के रूप को एक स्पिनर में दर्शाएँ।
- Roll No. 18–24: शब्द वटवृक्ष (Word Tree)
 - 🕨 एक पेड़ की आकृति में हर पत्ते पर एक संस्कृत शब्द, उसका अर्थ और एक उदाहरण वाक्य लिखें।
- Roll No. 25–30: संवाद यंत्र (Sanskrit Dialogue Board)
 - 🕨 दो पात्रों के बीच सरल संस्कृत संवाद को चित्रों और स्लाइडिंग स्ट्रिप्स/कार्ड्स के माध्यम से दिखाएँ।
- Roll No. 31–34: कथा दृश्य मॉडल (Story Scene Model)
 - 🕨 आपने जो संस्कृत कथा पढ़ी है, उसका एक मुख्य दृश्य बनाएं जैसे जंगल, आश्रम, राजसभा आदि।
- Roll No. 35–37: संस्कृत पुस्तकालय/श्लोक व्रक्ष
 - एक लघु संस्कृत पुस्तकालय का मॉडल बनाएं जिसमें 5-10 पुस्तकों के नाम व लेखक हों
 या
 - ▶ एक श्लोक व्रक्ष जिसमें हर पत्ते पर एक श्लोक, उसका अर्थ और जीवन में उपयोग।

खण्ड-द: सांस्कृतिक प्रश्न - सिक्किम

प्रश्नः सिक्किम की संस्कृति, भोजन, वेशभूषा या त्योहारों पर 8–10 वाक्यों में एक अनुच्छेद लिखिए। अनिवार्य रूप से शामिल करें:

- 1. राजधानी का नाम
- 2. एक प्रसिद्ध नृत्य या पर्व
- 3. एक लोकप्रिय भोजन
- आप सिक्किम क्यों जाना चाहेंगे?

सुझावित चित्र/डायग्राम -

- 1. सिक्किम में संस्कृत पाठशाला / मठ
- 2. सिक्किम में संस्कृत लेखन या श्लोक की उपस्थिति





- 1. Complete the worksheets given below and paste in your notebook.
- 2. Activity- 'Mon Petit Dictionnaire' make a booklet and pick five words daily (eg.- dog,sun,water). Write each word in French and English. Draw or paste a picture alongside it.
- **3. Project based-** Make 3D models of French food.
- **4.** Write a **short biography** of any **prominent person from Sikkim** on a A-4 size sheet.



1. Landscape

Make a landscape of Sikkim depicting the Himalayan mountains, valleys, rivers or forests.

2. Draw a flower and an animal using watercolours.

Include the flower on page 26, 29 and the animal on page 32, 33, 34 of your book. Do this work in your art file.

3. Caricature of a famous personality

Draw a caricature of a famous personality

<u>Material allowed</u> - Use A-3 size sheet, Pencil, Colour pencils, Water colour, Oil pastels, markers.





1. Population Data & Bar Graph

Represent the population of different districts in Sikkim using bar graphs or pie charts on A2 size chart paper.

- 2. Bring your creativity to life with a project on the topic given below:
- Roll 1 to 5 Fraction Pizza Model
- Roll No. 6 to 10 Algebraic Expression Puzzle Board
- Roll no 11 to 15 Integers Number Line Slide
- Roll no 16 to 20 Working Clock for Time Calculation
- Roll no 21 to 25 Bar Graph Model with Moveable Bars
- Roll no 26 to 30 Cartesian Plane Pegboard
- Roll no 31 onwards 3D Solid Shapes with Volume & Surface Area
- 3. Revise Chapter 1, 2 and 5 and solve the given worksheet in separate notebook.



- 1. Revise Unit 2 and complete the worksheet attached below.
- 2. Make a colourful poster on an A-3 size sheet.

Topic: My Digital World

Include:

- Uses of computers in different fields (e.g. education, hospitals, entertainment, etc.)
- Draw or paste pictures of different input and output devices.
- Mention at least 3 precautions to take while using the internet.





- 1. Read the Ch-1 of Social & Political Life, Ch-2 of Geography and History and complete the worksheet attached below.
- **2. Exploring the Jewel of Eastern Himalayas Sikkim**. Design a creative and colourful scrap file highlighting its
 - History and Origin
 - Traditional Food
 - Traditional Costumes
 - Traditional Dance
 - Traditional Festivals

Note – File should be neat and well-organised with a **beautiful cover** page as per the theme. (Page limit 6 to 8)

- **3.** Craft a hands-on model to showcase the 'Tribals of India' including following cultural aspects
 - Traditional Attire
 - o Headgear for Men and Women
 - o Cuisine (Food)
 - Occupation
 - o Art & Craft
 - Festivals and Instruments
 - ROLL NO. (1-10) Vibrant culture of the **Bhils Tribe**
 - ROLL NO. (11-20) Vibrant culture of the **Mundas Tribe**
 - ROLL NO. (21-30) Vibrant culture of the **Gaddis Tribe**
 - ROLL NO. (31-37) Vibrant culture of the Nagas Tribe

General Instructions:

- Use materials like cardboard, clay, fabric, or any other creative mediums to build your model.
- o Incorporate labels and brief descriptions for each section.
- o Ensure originality and neatness in your work.





1. Make an art integrated project on Types of vehicles used by people living in Sikkim, mentioning their impact on the environment.

NOTE – Use A-2 size sheet for the project.

- 2. Design a well-structured model based on the following topics -
 - (Roll no. 1-7) Working model of electricity
 - (Roll no. 8-14) Wind mill
 - (Roll no. 15-21) Vacuum cleaner
 - (Roll no. 22-28) Solar/Lunar working eclipse
 - (Roll no. 29-35) Rocket
 - (Roll no.36 onwards) Photosynthesis



- 1. Revise Unit 2 and Unit 3 and complete the worksheets attached below.
- 2. Use your creativity to make a model on the topic given below Topic: Smart Village in Sikkim A Digital Dream

Prepare a model showing how technology can transform a village in Sikkim into a Smart Village.

Your model can include:

- Use of solar-powered internet
- Digital classrooms or e-libraries
- Online health services (telemedicine)
- Eco-friendly tech like smart waste management
- Use eco-friendly materials and be creative in presentation. You may use cardboard, charts, toy elements, or paper models to depict your ideas.

CREATING GOING PROPER

ADARSH WORLD SCHOOL

ENGLISH WORKSHEET

CLASS-VII

A. Complete the second sentence so that it has a similar meaning to the first

sentence, using the word given. Do not change the word given. You must use between two and five words, including the word given.

1. I will make sure someone lixes your computer by tomorrow morning. FIXED	
I will by tomorrow morning.	
2. The teacher had the students tell the class about their holidays. GOT	
The teacher the class about their holidays.	
3. Jane rarely does her own nails. SOMEONE	
Jane usually has for her.	
4. Are they taking your photo at school today? HAVING	
Are at school today?	
B. Complete the sentences. Use the words given and the correct form of the causative	·-
Your grandfather had an interesting childhood. You should	/ him /
2. The bridge was built last year. The city (have / a famous architecit.	t / design)
3. Can I (get / the television / deliver) or do I need to collect it	myself?
4. I can't organise the celebration alone. I think I(get / my s help).	ister /
5. I (have / my schoolbag / steal) yesterday and my phone was i	n it!
6. My brother (already / have / two stories / publish) in a magazine	е.
7. I chatted to Amy while she	ar.

8. This week the teacher climate change.	(have / the students / write) an essay about
9. The tyres on your car look quite old. Maybe yo replace).	u should(get / them /
10. They(going to / I	nave / a gym / build) near the swimming pool.
C. Choose the word or phrase that best complete	es each sentence.
1. The dentist said I had to	
a. have a tooth remove	
b. have a tooth removed	
c. remove a tooth	
d. get removed a tooth	
2. "I'll this French essay for me.	n
"That's cheating!"	
a. get Marie to translate	
b. have Marie to translate	
c. get Marie translating	
d. get Marie translate	
3. My dog loves having his stomach	
a. scratch	
b. scratched	
c. to scratch	
d. scratching	
4. The report I'm working on is so boring but I nee	ed to today.
a. have it done	
b. get it done	

- d. get a friend help

CREATING COUNTY HAVERS

ADARSH WORLD SCHOOL

ENGLISH WORKSHEET

CLASS-VII

A. Choose the correct answer.	
1. Mrs Smith,	. last year, is now teaching in Japan.
a. who taught us	
b. who's taught us	
c. that he taught	
2. There aren't many people	she'd share her true feelings.
a. with whom	
b. whom	
c. who	
3. This is the best hotel	stayed in.
a. where we ever	
b. who we have	
c. that we've	
4. The swimming pool,repairs.	usually open on Saturdays, is closed today for
a. that it is	
b. which is	
c. when is it	
5. Anfield is the name of the stadium	Liverpool play their home games.
a. which	
b. where	
c. when	

6. You mustn't tell anyone
a. which
b. that
c. what
7. If you visit Mykonos in winter, it's most popular, you will need to book a room in advance.
a. where
b. that
c. when
8. Is that concert you went to?
a. the band who
b. the band whose
c. who's the band
9. Did you hear the school is closing early today?
a. which
b. where
c. why
10. My dad grew up in a village for its cheese.
a. that is famous
b. where it is famous
c. who is famous
B. Complete the second sentence so that it has a similar meaning to the first sentence, using the word given. Do not change the word given. You must use between two and five words, including the word given.
1. We don't know Tom's plans for his final project. WHAT
We don't to do for his final project.

2. You can only buy good quality headphones at one shop in town. WH	ERE
There is only one shop in town good quality headph	iones.
3. Local people were given help if their houses had been damaged by t	he flood. WHOSE
The city gave help to had been damaged by the	flood.
4. Did Alex tell you his reason for leaving early? LEFT	
Did Alex tell you the	early?



ADARSH WORLD SCHOOL ENGLISH WORKSHEET

CLASS-VII

Visitors to London often enjoy taking a boat ride down the River Thames. One of the most popular stops along the way is the historic town of Greenwich. It is located on the south bank of the river but you can get there by train or bus, too.

Greenwich is best known for its important role in time measurement and navigation. The 0° longitude line (it divides the Earth into the eastern and western hemispheres) goes through Greenwich. For this reason, the 0° longitude line is named the Greenwich Meridian. In 1884, most of the world started measuring time according to Greenwich Mean Time. Even today, each day at exactly 1 pm a special ball is dropped above the Royal Observatory Greenwich to show the time. This tradition was started in 1833 so that sailors on the Thames and navigation clock-makers could set their clocks. Visitors to the Royal Observatory Greenwich often stand with one foot on each side of the meridian while their photograph is taken.

Another central sight in the town is the National Maritime Museum. The sea has always been extremely important in British history and this museum celebrates the "island nation's" exciting history at sea. Exhibits with real boats, model boats, paintings and various instruments tell the country's history of exploration and sea trade.

A tour of the Queen's House is also highly recommended. The house was designed by Inigo Jones and was completed in 1637. It was built for Anne of Denmark, wife of James I, but she died before it was finished. In the end, Charles I's queen, Henrietta Maria, lived there and she fell in love with the beautiful house. Paintings showing historic views of Greenwich and portraits of historical figures are exhibited in the Queen's House. Finally, a visit to Greenwich is not complete without a walk in Greenwich Park. People climb to the top of the park's hill to enjoy a fantastic view of the River Thames. On a fine day, visitors can see most of the city of London.

A. Find the following.
1. Three ways to get to Greenwich:
2. Four recommended sights to visit in Greenwich:
3. Two historical dates and their significance:
4. The names of five historical figures:
Answer the questions.
1. On which side of the Thames is Greenwich located?
2. Why is the 0° longitude line mentioned in the text?
3. How do visitors to the Royal Observatory Greenwich often pose for photos?
4. How does the National Maritime Museum celebrate Britain's historical connection to the
sea?
5. Why didn't Anne of Denmark live in the Queen's House?
6. What can visitors do at the Queen's House?
7. What can visitors see from the top of the hill in Greenwich Park?



आदर्श वर्ल्ड स्कूल

सेक्टर 12 द्वारका

ग्रीष्मकालीन गृहकार्य हिंदी

कक्षाः सातवीं

(वर्कशीट का प्रिंट ले आगे शीट लगाकर उन्ही पर उत्तर लिखें।)

- प्रश्न 1. संधि तथा संधि-विच्छेद में अंतर बताइए?
- प्रश्न 2. संधि के कितने भेद होते हैं? नाम लिखिए।
- प्रश्न 3. निम्नलिखित शब्दों में स्वर संधि का भेद है बताइए:-राजनेंदु, रविंद्र, लंकेश, अत्यंत, देवर्षि
- प्रश्न 4. स्वर+व्यंजन कौन-सी संधि होगी तथा इसका नियम बताइए।
- प्रश्न 5. निम्नलिखित शब्दों का संधि विच्छेद कीजिए:-उच्चारण, पुनर्जन्म, भूषण, अत्यावश्यक, देवालय
- प्रश्न 6. अर्थ के आधार पर शब्दों के कितने भेद हैं? नाम लिखिए।
- प्रश्न 7. शब्दों का वर्गीकरण कितने आधार पर किया गया है?
- प्रश्न 8. निम्नलिखित तत्सम शब्दों के तद्भव शब्द लिखिए:-श्रावण, स्वप्न, धैर्य, द्ग्ध, अक्ष
- प्रश्न 9. पाँच अविकारी शब्द लिखिए।
- प्रश्न 10. रूढ़ शब्द, यौगिक शब्द और योगरूढ़ शब्दों में अंतर स्पष्ट कीजिए।
- प्रश्न 11. निम्नलिखित शब्दों की उत्पत्ति किन भाषाओं से हुई है:-किताब, खूबसूरत, कमीज, औरत, ट्रेन
- प्रश्न 12. पर्यायवाची को और क्या कहते हैं? निम्नलिखित शब्दों के दो-दो पर्यायवाची लिखिए:-रास्ता, मछली, ग़रीब, हवा, शरीर
- प्रश्न 13. विलोम शब्द को और क्या कहते हैं? निम्नलिखित शब्दों के विलोम शब्द लिखिए:-इच्छा, उपयुक्त, सचेतन, निंदा, मान
- प्रश्न 14. श्रितसम-भिन्नार्थक शब्द का क्या अर्थ है? उदाहरण सहित लिखिए।
- प्रश्न 15. कम से कम शब्दों का प्रयोग करते हुए वाक्य दोबारा लिखिए:-
 - जोसेफ इतना शांत और विनम्र इंसान है उसका कोई भी शत्रु नहीं है।
 - पानी का कोई आकार नहीं होता।
 - मेरे सभी दोस्त मेरे लिए अच्छा सोचते हैं।
- प्रश्न 16. निम्नलिखित शब्दों के दो-दो अर्थ लिखिए:-जाल, मत, श्याम, शून्य, मध्
- प्रश्न 17. वह चार शब्द सोचकर बताइए जिनके विलोम 'अनु' उपसर्ग जोड़कर बनते हैं।
- प्रश्न 18. यदि आपको मिठाई वाले से साक्षात्कार लेने का अवसर मिले तो आप उससे क्या-क्या प्रश्न पूछेंगे? तीन -चार प्रश्न बताइए।

- प्रश्न 19. मिठाई वाला अपने बच्चों की त्लना किसके साथ और क्यों करता था?
- प्रश्न 20. मिठाई वाला और क्या-क्या बेचता था?
- प्रश्न 21. सभी लोग मिठाई वाले से ही समान क्यों खरीदते थे?
- प्रश्न 22. 'काकोरी कांड' पर एक अनुच्छेद लिखिए।
- प्रश्न 23. हमारे देश को आज़ादी दिलाने में अनेक वीरों ने अपनी शहादत दी। कुछ वीरों के नाम लिखिए।
- प्रश्न 24. 'रंग दे बसंती' फिल्म देखिए।
- प्रश्न 25. वर्षा ऋतु धरती को नए जीवन और सौंदर्य से भर देती है। वर्षा ऋतु भारत की छह ऋतुओं में से है, अन्य पाँच ऋतुओं का नाम लिखिए।
- प्रश्न 26. 'पहली बूँद' कविता का संक्षेप सारांश अपने शब्दों में लिखिए।
- प्रश्न 27. महाभारत में 'पर्व' का क्या अर्थ है?
- प्रश्न 28. पांडवों द्वारा दुर्योधन पर दया करना क्या उचित था? (पृष्ठ 47)
- प्रश्न 29. युधिष्ठिर की जगह अगर यक्ष के प्रश्नों के उत्तर आपको देने होते तो आपके जवाब क्या होते हैं?
- प्रश्न 30. निम्नलिखित गद्यांश को पढ़कर प्रश्नों के उत्तर दीजिए:-

वायु प्रदूषण का सबसे अधिक प्रकोप महानगरों पर हुआ है। इसका कारण है बढ़ता हुआ औद्योगीकरण। गत बीस वर्षों में भारत के प्रत्येक नगरों में कारखाने की जितनी तेज़ी से वृद्धि हुई है उससे वायुमंडल पर बहुत प्रभाव पड़ा है। क्योंकि इन कारखानों में चिमनियों से चौबीसो घंटे निकलने वाला धुआँ सारे वातावरण को खराब कर रहा है। इसके अलावा सड़कों पर चलने वाले वाहनों की संख्या में तेजी से वृद्धि भी वायु प्रदूषण के लिए पूरी तरह उत्तरदायी है। इन वाहनों के धुएँ से निकलने वाली 'कार्बन मोनोऑक्साइड गैस' के कारण आज न जाने कितने प्रकार की साँस और फेफड़ों की बीमारियाँ आम बात हो गई है। इधर बढ़ती हुई जनसंख्या, लोगों का काम की तलाश में गाँव से शहरों की और भागना भी वायु प्रदूषण के लिए अप्रत्यक्ष रूप से उत्तरदायी है। शहरों की बढ़ती जनसंख्या के लिए आवास की सुविधाएँ उपलब्ध करने के लिए वृक्षों और वनों को भी निरंतर काटा जा रहा है। वायु प्रदूषण को बचाने वाले कारणों की हमें खोज करनी चाहिए। पर्यावरण की स्रक्षा के लिए अधिक-से-अधिक वृक्ष लगाने चाहिए।

- (क)वायु प्रदूषण का सबसे अधिक प्रकोप महानगरों पर ही क्यों हुआ है?
- (ख)वाहन वाय्-प्रदूषण में किस प्रकार वृद्धि करते हैं?
- (ग)पर्यावरण की रक्षा के लिए क्या किया जाना चाहिए?
- (घ) 'कार्बन मोनोऑक्साइड गैस' से क्या परेशानी हो रही है?
- (ड) लोग गाँव से शहरों की तरफ क्यों आते हैं?
- (च)प्रस्तुत गद्यांश का उचित शीर्षक दीजिए।
- प्रश्न 31. कोई भी एक अपठित काव्यांश लिखकर उसमें से पाँच प्रश्न बनाकर उत्तर लिखिए।
- प्रश्न 32. कुछ भी। (अपनी मर्जी से कोई भी एक साहित्य संबंधित कार्य करें।)



आदर्श वर्ल्ड स्कूल

सेक्टर 12, द्वारका

विषय: संस्कृत

कक्षा: VII

नाम-कक्षा-

कार्यपत्रकम्-1

1. कोष्ठके प्रदत्तानां धात्नाम् उचितं भूतकालस्य रूपं लिखत।

(कोष्ठक में दी गई धातुओं का उचित भूतकाल रूप लिखिए। Write the appropriate past tense declension of root verbs given in bracket.)

- (क) बालकः पुस्तकम्। (पठ्)
- (ख) बालकौ गृहम्। (गम्)
- (ग) ते दुग्धम्। (पा/पिब्)
- (घ) माता चायम्...। (कृ)
- (ङ) पिता भोजनम्। (खाद)
- 2. क्रियानुसारं कर्तृपदं लिखत। (क्रिया के अनुसार कर्ता पद लिखिए। Write subject word according to verb.)
- (क) अगच्छन्। (ख) अधावताम्। (ग) अपश्यत्। (घ) आस्ताम्। (ङ) अस्मरन्।
- 3. लङ्लकारे परिवर्तयत। (लङ् लकार में परिवर्तित कीजिए। Change in future tense.)

- (क) बालकौ दुग्धं पिबतः। (ख) माता प्त्रं ताडयति। (ग) प्त्राः क्रीडाक्षेत्रे क्रीडन्ति।
- (घ) रेण्का प्ष्पम् जिघ्रति। (ङ) वानराः वृक्षेष् कूर्दन्ति।
- 4. लङ्कारस्य प्रथमपुरुषस्य रूपाणि लिखत। (लङ् लकार प्रथम पुरुष के धात् रूप पूरे कीजिए। Write the third person's declension in past tense.)
- (क) गम् (ख) पा (ग) स्था (घ) घ्रा (ङ) कृ

कार्यपत्रकम्-2

1. उचितं विकल्पं चिनुत	(उचित विकल्प	चुनिए।	Choose an appropriate option.)
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- (क) 'पक्षः' का विपर्यय पद है-
- (i) सपक्ष (ii) विपक्षः (iii) सत्पक्षः
- (ख) 'मयूरः' का पर्यायवाची नहीं है-
- (i) मेहप्रियः (ii) अश्मन् (iii) शिखण्डी
- (ग) 'ऊर्मिः' का पर्यायवाची है-
- (i) वीचिः (ii) भद्रम (iii) जलधिः
- (घ) 'विकासः' का विपर्यय पद है-
- (i) विनाशः (ii) ह्रासः (iii) संन्यासः
- (ङ) 'अनलः' का पर्यायवाची है-
- (i) वहिः (ii) अनिलः (iii) पावनम्

2. मंञ्जूषातः पर्यायपदान् चित्वा लिखत। (मंजूषा से पर्याय पदों को चुनकर लिखिए। Choose Synonyms from the box.)

(इन्दुः, मेहप्रियः, व्योमः, विहगः, भद्रम, पयः)

- (क) आकाशः (ख) चन्द्रमाः (ग) मयूरः (घ) पक्षी (ङ) दुग्धम्
- 3. कोष्ठकात् उचितं पदं चित्वा लिखत। (कोष्ठक से उचित पद चुनकर लिखिए। Choose an appropriate option from the box.)
- (क) वृक्षोपरि कूर्दति। (मर्कटः, पयः, दक्षः)
- (ख) सूर्यस्य अनिवार्यः। (अरिः, मयूखः, वित्तम्)
- (ग) म्म्बई नगरे एकः विद्यते। (सागरः, सत्वर, मेघः)
- (घ) इदं कार्यम् कुरू। (सुवासः, प्रयासः, त्वरितम्)
- (ङ) सः रात्रौ न पिबति । (साकम्, क्षीरम्, क्षिप्रम्)

अध्यापक/अध्यापिका के हस्ताक्षर-

ADARSH WORLD SCHOOL

Session (2025-26) Subject : French Class: VII

Worksheet - 1

Instructions: Complete the worksheet in your French notebook. Use colors and drawings wherever possible to make your work neat and attractive.

1) Lisez les lignes et répondez aux questions :

J'ai un ami. Il s'appelle Vikram. Il a douze ans .Il est gentil et beau. Il parle très bien français. Il habite en France avec sa famille, mais il est indien. Il y a six personnes dans sa famille- ses grands- parents, ses parents, son frère et lui.

a)	Vrai ou Faux		
	i. Vikram	est français.	ii. Vikram habite au Canada
b)	Choisissez la l	•	
	i. Vikram hab	ite avec:	
	a) Ses amis	b) Sa famille	c) Avec ses professeurs
c)	Combien de p	ersonnes y-a –t-il o	dans sa famille ?
	a) Div	b) Siv	c) Cina

- d) Quelle est la nationalité de Vikram?
- e) Où habite Vikram?

2) Associez le mot français avec sa traduction anglaise.

a. Entourée	i. Fall
b. Monnaie	ii. Everywhere
c. Partout	iii. Longest
d. Le plus long	iv. Big
e. Tomber	v. Surrounded
f. Nouvelle	vi. Currency
g. Vieux	vii. New

3) Écrivez en anglais-					
a) Le pain					
b) Sportif					
c) Gros					
d) Jeune					
e) Les dogits					
f) Livre					
4) Complétez avec les adjectifs possessifs-	•				
a) Je voyage en Italie avecamis	S.				
b) Vous regardezvoiture.					
c) Ils mangent dansjardin.					
d) Elle parle avecpère.	d) Elle parle avecpère.				
e) bras sont longs.					
f) Il invite grands- parents chez-il.					
5) Conjuguez les verbes-					
a) Je (commencer)mes cours demain.					
b) Elles (écouter)de la mus	sique.				
c) Les parents (raconter)de	s histoires.				
d) Nous (préparer)le dîner.					
6) Conjuguez les verbes-					
a) AIMER					
Je-	Nous-				
Tu-	Vous-				
Il/ Elle-	Ils/Elles-				
b) ÊTRE					
Je-	Nous-				
Tu-	Vous-				
Il/ Elle-	Ils/Elles-				

c) AVOIR

Je-	Nous-
Tu-	Vous-
II/ Elle-	Ils/Elles-

7) Complète avec les bons mots

- a) J'écoute avec mon _____.
- b) Je marche avec mes _____.
- c) Je sens avec mon _____.
- d) Je vois avec mes _____.
- e) Je mange avec ma _____.
- f) J'écris avec ma _____.

8) Vrai ou faux?

- a) On marche avec les bras.
- b) On voit avec les yeux.
- c) La tête est en bas du corps. _
- d) La bouche est sur le visage. _
- e) On entend avec les pieds. ___

ADARSH WORLD SCHOOL



Session (2025-26)

Subject: Mathematics

Class: VII
Worksheet

1. W	What is the sum	of the additive	inverse of	-14 and	the additive	inverse of	+9?
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- A) -23
- B) 23
- C) 5
- D) -5
- 2. If $a \times (-3) = 27$, what is the value of a?
 - A) -9
 - B) 9
 - C) -81
 - D) 81
- 3. Which of the following integers has the greatest value?
 - A) -3
 - B) 0
 - C)-1
 - D) -10
- **4.** What is the value of: (-9) (-3) + (-2)?
 - A) -14
 - B) -8
 - C) -4
 - D) -10
- 5. If x = -3 and y = 2, then what is the value of $x^2 y^2$?
 - A)-5
 - B) -1
 - C) 5
 - D) 1
- **6.** Which integer has no reciprocal?
 - A) 1
 - B) -1
 - C) 0
 - D) -2
- 7. What is the value of: $(-12) \div (-3) + (6 \div -2)$?
 - A) -2
 - B) 6
 - C)-6
 - D) 0
- **8.** The difference between the smallest 2-digit negative number and the greatest 2-digit positive number is:
 - A) 109
 - B) -109

C	C) 99
Γ	0) -99
9. A	A submarine is at a depth of 350 meters below sea level. It rises 125 meters and then descends 8
r	meters. What is its new position?
A	A) -195 m
E	3) -305 m
C	C) -305 m
Γ	O) -250 m
10. T	The absolute value of -19 added to 7 equals:
A	A) -12
E	3) 26
C	C) -26
Γ	0) 12
11. V	Which of the following fractions is equal to 0.4?
A	A) 2/3
Е	3) 1/4
C	C) 2/5
Γ	0) 4/9
12. S	Simplify: $(3/5) \div (6/10)$
A	A) 1
Е	3) 2
C	C) 3
	0) 5
	Convert 7.125 to a fraction in simplest form.
	A) 57/8
	3) 7125/1000
	2) 285/40
	O) 57/10
	Find the value: $(5/8) \times (16/25)$
	A) 2
	3) 1
	C) 8/5
	0) 4/5
	$f 2.5 \div 0.5 = x$, then $x = ?$
	A) 0.2
	3) 5
	z) 2
	0) 1.25
	Solve the following questions
	Two players scored -5 and $+3$ in a game. Who performed better and by how many points? Explain using the concept of integers.
	A bird is flying at a height of $+20$ meters and a fish is swimming at -10 meters. What is the

vertical distance between them?

- **18.** Rahul says that "-8 is greater than -3 because 8 is greater than 3." Is he correct? Justify your answer using the number line.
- 19. Find the value of: (-6) + (-3) + (+7)Explain the order in which you solved it.
- **20.** A cloth is 2.5 meters long. A tailor cuts it into 5 equal pieces. What is the length of each piece? Explain how you divided the decimal.
- **21.** A bottle contains 1.2 litres of juice. If each glass holds 0.3 litres, how many full glasses can be poured? Show your working.
- 22. Convert 3.125 to a fraction in simplest form. Explain each step.
- **23.** Meera ran 2.75 km on Monday and 1.6 km on Tuesday. How much more did she run on Monday than Tuesday? Explain your working.
- **24.** Write an equation for the following statement: "7 more than a number is 25." Explain how you formed the equation.
- **25.** A number is doubled and then increased by 9 to give 25.
- a) Form an equation.
- b) Solve for the number.
- c) Explain how you formed the equation.
- **26.** The sum of a number and 8 is equal to 20. Without solving the equation, write how you would find the number. Explain in words.
- **27.** If x-5=9, someone adds 5 to both sides. Why is this step valid? Explain using the balance method.

Case based questions

28. Ravi and his family went on a trip to a mountain region. They recorded the temperatures at different times of the day and elevations. Here is the data they collected on a particular day:

At the base camp (0 m), the temperature was $+10^{\circ}\text{C}$ at 9:00 AM.

They climbed up to the mid-point (altitude: 1,500 m) by noon, and the temperature there was -2°C .

By evening, they reached the summit (altitude: 3,000 m), where the temperature dropped to -9° C.

Answer the following based on the above case:

- a. What is the difference in temperature between the base camp and the summit?
- b. What is the change in temperature from the mid-point to the summit?
- c. Write the temperatures at all three locations in descending order using integers.
- d. If the temperature continues to drop by 3°C every 1,000 meters, what would be the expected temperature at 4,000 m?
- 29. Priya went grocery shopping with her mother. Here's what they bought:
 - 1.25 kg of rice at ₹48 per kg
 - 0.75 kg of dal at ₹60 per kg
 - 2.5 litres of milk at ₹42 per litre
 - Priya gave the cashier a ₹500 note.

Answer the following based on the above case:

- (i) What is the cost of the rice? Show your multiplication using decimals.
- (ii) What is the total cost of dal? Write the decimal calculation clearly.
- (iii) How much did the milk cost in total? Show your working.
- (iv) What is the total bill amount, and how much change should Priya get back from ₹500?
- **30.** Ananya is planning her birthday party. She wants to buy small gift boxes for her 5 friends. Each gift box contains some chocolates. She bought one large pack of chocolates and plans to divide the chocolates equally among the 5 gift boxes after keeping 4 chocolates aside for herself. She found that each gift box ended up with 6 chocolates.

Answer the following based on the above case:

- (i) Let the total number of chocolates in the pack be X. Form an equation based on the situation above.
- (ii) Solve the equation formed to find the total number of chocolates Ananya had.
- (iii) How many chocolates did she give away in total to her friends?
- (iv) If she decides to add 2 more chocolates to each gift box, how many more chocolates will she need in total?



ADARSH WORLD SCHOOL Session (2025-26)

Subject: Computer Science

Class: VI

Worksheet - 1

Multiple Choice Questions (M	CQs)
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1.	Mail Merge is used to:				
	a) Merge pictures into a documentb) Create a single document	c) Create personalized letters for many people d) Save documents in PDF format			
2.	In Mail Merge, the main document usually contains:				
	a) Images b) Blank pages	c) Common content and placeholdersd) Spreadsheets only			
3.	The data source in Mail Merge contains:				
	a) Only headingsb) Personalized details like names and addresses	c) Images and videosd) System setting			
4.	Which tab in MS Word is used to start the Mail Merge	process?			
	a) Home b) Insert	c) Mailings d) Review			
2. [Fill in the Blanks				
	1 is a feature used to send the same do	cument to many people with some personalized details.			
	2. The two main components of Mail Merge are the r	main document and			
	3. The command is used to insert fields like < <name>> or <<address>>.</address></name>				
	4. The main document is usually a or invitation.				
	5. The Mail Merge feature is available under the	tab in MS Word.			
3. 9	Short Answer Questions				

2. Name the two main parts needed to perform a Mail Merge.

3. Write one real-life example where Mail Merge can be used.



ADARSH WORLD SCHOOL Session (2025-26) Subject: Computer Science

Class: VII

Worksheet - 2

Multiple C	Choice C	Questions	(MCQs)	۱
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-		
1.	Which feature in Excel helps to visually represent data?	
	a) Page Layout	c) Spelling Check
	b) Charts	d) Macros
2.	Which chart type is best to show parts of a whole?	
	a) Line Chart	c) Pie Chart
	b) Bar Chart	d) Column Chart
3.	To insert a chart in Excel, you must first:	
	a) Save the file	c) Create a new sheet
	b) Select the data	d) Format the cells
4.	The X-axis in a chart usually represents:	
	a) Values	c) Formulas
	b) Categories	d) Gridlines
2. Fill i	n the Blanks	
1.	A is a graphical representation of data in Excel	
2.	In a column chart, data is displayed using vertical	<u>_</u> .
3.	The tab in Excel allows users to insert various to	types of charts.
4.	A Pie chart is used to show the data as parts of a	·
5.	Data visualization helps to understand data quickly and	
3. Shoi	t Answer Questions	
1.	What is the purpose of data visualization in Excel?	
2.	Name any two types of charts used in Excel.	
3.	How can you insert a chart in Excel? Write the steps briefly.	



ADARSH WORLD SCHOOL Session (2025-26)

Subject : Social Science Class: VII

Worksheet

Q1. Fill in the blanks –

1.	A group of religious leaders run the country in the name of God is a form of
	government.
2.	The Government of India had introduced scheme for the poor children to get the
	access to education.
3.	Besides voting people can also participate in and control the government through,
	and for or against a particular cause.
4.	In a system, there is division of powers between the centre and the state
5.	minerals are formed from the decomposition of dead animals and plants trapped inside
	the earth.
6.	The natural process of transformation of one rock type into another is called
7.	The upper mantle is known as
8.	Mantle lies below the and extends up to a depth of
Q2	2. Choose the correct options given for the following statements –
1	Which article of Indian Constitution much hits the state from discriminating any siting an angual of any
1.	Which article of Indian Constitution prohibits the state from discriminating any citizen on ground of any
	religion, caste or sex.
	a) Article 18 c) Article 18
	b) Article 15 d) Article 17
2.	Conflicts are resolved by the government with the help of which force –
	a) Police c) Courts
	b) Defence d) All of above
3.	Identify the inorganic minerals –
	a) Coal c) Iron
	b) Petroleum d) Natural gas
4.	The crust comprises of –
	a) Nickel, Ferrous c) Silicon, Magnesium
	b) Silica, Aluminium d) All the above
5.	The Gurjara-Pratiharas rose into prominence during the role of –
	a) Mihir Bhoja c) Nagabhatta II
	b) Gopala d) Dharampala

6.	The ruler who managed to extent Pala control over Orissa was –					
	a)	Devapala	c)	Gopala		
	b)	Dharampala	d)	Govinda I		
7.		is credited for composing the poetry 'Kavirajamarga' in Kannada –				
	a)	Indra III	c)	Kalida		
	b)	Govinda II	d)	Amoghvarsha		
8.	Th	e Solankis built the Dilwara Temple in –				
	a)	Modhera	c)	Mount Abu		
	b)	Orissa	d)	Khajuraho		
9.	Th	e Pala, the Rashtrakuta and the Gurjara-Pratihara kings	we	re involved in a conflict over territory		
	for	two centuries.				
	a)	Gaya	c)	Kannauj		
	b)	Nalanda	d)	Sindh		
10.	_	was involved in the plundering of Somn	ath	Temple in Gujarat and looted all its wealth.		
	a)	Prithviraj Chauhan				
	b) Mahmud Ghazni					
	c)	Muhammad Ghori				
	d)	Al - Biruni				
Q3	. St	ate whether the statements are true or false –				
	1.	Dictatorship is usually hereditary i.e. power passes from	om l	kings and queens to their children.		
	2.	2. A Preamble is written document that lays down rules and regulations that the citizens of a country have				
		to follow.				
	3.	Justice and equality never go hand in hand.				
	4.	All laws apply equally to all Indian citizens.				
	5.	. Minerals can be used to make medicines and chemicals.				
	6.	The core is the innermost layer of the earth made up of magma.				
	7.	7. Igneous rocks are ideal for making buildings and roads as they are hard and non-porous.				
	8.	Metamorphic rocks are formed when igneous or sec	lim	entary rocks are subjected to high heat and		
	pressure. Clay turning into Slate is the example of metamorphic rocks.					
Q4	. Aı	nswer the following questions in brief –				
	1.	Define Universal Adult Franchise.				

2. Name the three organs of the government.

3. What is geology?4. Define weathering.5. What are fossils.

CREATING GLOBALLE ADERS

ADARSH WORLD SCHOOL

SESSION (2025-26)

SUBJECT: SCIENCE

CLASS: VII

WORKSHEET

1. Which of the following is NOT a component of the digestive system in humans?						
a) Mouth cavity	b) Stomach	c) Wir	ndpipe	d) Smal	ll Intestine	
2. The largest gland in	n the human body	is:				
a) Liver	b) Pancreas	c) Stor	nach	d) Kidn	ey	
3. Which of the follow	wing is NOT a fur	nction of the	stomach?			
a) Breaking down pro	oteins b	b) Digesting fat				
c) Absorbing nutrient	s d) Mixing foo	d with gastric juices			
4. The process of brea	aking down food	into smaller,	soluble molecules is ca	alled:		
a) Ingestion	b) Digestion	c) Abs	sorption	d) Eges	tion	
5. Which organ is res	ponsible for produ	ucing bile?				
a) Liver	b) Pancreas	c) Gal	lbladder	d) Smal	ll Intestine	
6. The alimentary can	nal includes:					
a) Mouth, esophagus, stomach, small intestine, large intestine b) Stomach, liver, pancreas, gallbladder c) Mouth, esophagus, liver, small intestine d) Esophagus, stomach, small intestine, large intestine						
7. Which of the follow	7. Which of the following is the correct order of the digestive processes?					
 a) Ingestion, absorption, digestion, egestion b) Digestion, ingestion, absorption, egestion c) Ingestion, digestion, absorption, egestion d) Ingestion, absorption, digestion, egestion 						
8. The first step in di	gestion is:					
a) Absorption of nutri	ients b) Ingest	ion of food	c) Production of enzy	mes	d) Egestion of waste	
9. What substance breaks down carbohydrates in the mouth?						
a) Hydrochloric acid	b) Pepsir	1	c) Saliva		d) Bile	
10. What is the role of the small intestine?						
a) Breaking down pro	oteins b) Storin	g food	c) Absorbing most nu	itrients	d) Producing bile	
11. Which of the following is NOT a type of tooth?						
a) Incisors	b) Canines	c) Mo	lars	d) Mesi	al	

12. What is the function of the large intestine?					
a) Absorbing water fc) Breaking down far	from undigested food ts	b) Producing enzymesd) Storing and releasing bile			
13. What is the term	for the process of elim	inating undigested food?			
a) Ingestion	b) Digestion	c) Absorption	d) Egestion		
14. The first set of te	eth that grow during ir	nfancy and fall off are called:			
a) Permanent teeth	b) Milk teeth	c) Molars	d) Premolars		
15 What is the proc	ess by which heat trav	els through a solid object in co	ntact?		
a) Conduction	b) Convection	c) Radiation	d) Insulation		
16. Which of the foll	owing is a good condu	actor of heat?			
a) Wood	b) Wool	c) Air	d) Iron		
17. How does heat tr	ansfer primarily happe	en in fluids (liquids and gases)?)		
a) Conduction	b) Convection	c) Radiation	d) Insulation		
18. Which method of	f heat transfer does not	require a medium (like air or	water)?		
a) Conduction	b) Convection	c) Radiation	d) Insulation		
19. Why do we feel cold on a winter morning when we touch a marble tile compared to a wooden tile?					
•		Č	1		
a) Marble is polishedc) Marble is a poor in	l	b) Marble is a better conduct d) Marble absorbs more sunl	tor of heat		
a) Marble is polishedc) Marble is a poor in	l	b) Marble is a better conduct d) Marble absorbs more sunl	tor of heat		
a) Marble is polishedc) Marble is a poor in	l nsulator of heat	b) Marble is a better conduct d) Marble absorbs more sunl	tor of heat		
a) Marble is polishedc) Marble is a poor in20. Which color is aa) Black	l nsulator of heat good reflector of heat?	b) Marble is a better conduct d) Marble absorbs more sunl c) Blue	tor of heat ight		
a) Marble is polishedc) Marble is a poor in20. Which color is aa) Black	nsulator of heat good reflector of heat? b) White	b) Marble is a better conduct d) Marble absorbs more sunl c) Blue	tor of heat ight		
a) Marble is polished c) Marble is a poor in 20. Which color is a a) Black 21. What is the degree a) Heat	nsulator of heat good reflector of heat? b) White ee of hotness or coldne	b) Marble is a better conduct d) Marble absorbs more sunl c) c) Blue ss of an object called? c) Conduction	tor of heat ight d) Green		
a) Marble is polished c) Marble is a poor in 20. Which color is a a) Black 21. What is the degree a) Heat	nsulator of heat good reflector of heat? b) White ee of hotness or coldne b) Temperature	b) Marble is a better conduct d) Marble absorbs more sunl c) c) Blue ss of an object called? c) Conduction	tor of heat ight d) Green		
a) Marble is polished c) Marble is a poor in 20. Which color is a a) Black 21. What is the degree a) Heat 22. How does the head Conduction	nsulator of heat good reflector of heat? b) White ee of hotness or coldne b) Temperature at from the sun reach the	b) Marble is a better conduct d) Marble absorbs more sunl c) c) Blue ss of an object called? c) Conduction he Earth? c) Radiation	d) Green d) Convection		
a) Marble is polished c) Marble is a poor in 20. Which color is a a) Black 21. What is the degree a) Heat 22. How does the head Conduction	nsulator of heat good reflector of heat? b) White ee of hotness or coldne b) Temperature at from the sun reach the	b) Marble is a better conduct d) Marble absorbs more sunl c) c) Blue ss of an object called? c) Conduction he Earth? c) Radiation	d) Green d) Convection		
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a) Marble is polished c) Marble is a poor in 20. Which color is a a) Black 21. What is the degree a) Heat 22. How does the hea a) Conduction 23. Which of the follow) Metal	nsulator of heat good reflector of heat? b) White ee of hotness or coldne b) Temperature at from the sun reach the b) Convection owing is a good insula b) Water	b) Marble is a better conduct d) Marble absorbs more sund c) c) Blue ss of an object called? c) Conduction the Earth? c) Radiation ttor of heat? c) Air	tor of heat ight d) Green d) Convection d) Insulation		
a) Marble is polished c) Marble is a poor in 20. Which color is a a) Black 21. What is the degree a) Heat 22. How does the head Conduction 23. Which of the following the analyses of the following and the same conduction 24. When water is head conduction 24. When water is head conduction 25.	nsulator of heat good reflector of heat? b) White ee of hotness or coldne b) Temperature at from the sun reach the b) Convection dowing is a good insular b) Water eated from the bottom,	b) Marble is a better conduct d) Marble absorbs more sunl c) c) Blue ss of an object called? c) Conduction he Earth? c) Radiation stor of heat? c) Air what process occurs?	d) Green d) Convection d) Insulation d) Rubber		
a) Marble is polished c) Marble is a poor in 20. Which color is a a) Black 21. What is the degree a) Heat 22. How does the head a) Conduction 23. Which of the following a) Metal 24. When water is head a) Conduction	nsulator of heat good reflector of heat? b) White ee of hotness or coldne b) Temperature at from the sun reach the b) Convection dowing is a good insular b) Water eated from the bottom,	b) Marble is a better conduct d) Marble absorbs more sunl c) c) Blue ss of an object called? c) Conduction he Earth? c) Radiation stor of heat? c) Air what process occurs?	d) Green d) Convection d) Insulation d) Rubber		
a) Marble is polished c) Marble is a poor in 20. Which color is a a) Black 21. What is the degree a) Heat 22. How does the heat a) Conduction 23. Which of the followal Metal 24. When water is heat a) Conduction 25. What is heat? a) A type of energy	nsulator of heat good reflector of heat? b) White ee of hotness or coldne b) Temperature at from the sun reach th b) Convection owing is a good insula b) Water eated from the bottom, b) Convection	b) Marble is a better conduct d) Marble absorbs more sund c) c) Blue ss of an object called? c) Conduction the Earth? c) Radiation ttor of heat? c) Air what process occurs? c) Radiation	d) Green d) Convection d) Insulation d) Rubber d) Insulation		

a) It decreases	b) It increases	c) It remains	the same	d) It becomes zero	
27. Which of the foll	owing is a good condu	ctor of heat?			
a) Wood	b) Plastic	c) Air		d) Metal	
28. Which method of	f heat transfer involves	the movement	of hot fluid?		
a) Conduction	b) Convection	c) Radiation		d) All of the above	
29. Which of the foll	owing is an example o	f heat transfer b	y radiation?		
,	h of a heater from a dis od by touching it with a		,	ater in a pot on a stove e coolness of a glass of ice	
30. Which color is a	good absorber of heat?	,			
a) White	b) Black	c) Blue	d) Red	d	
31. What happens to	the volume of a substa	nce when it is l	heated?		
a) It decreases b) It increases c) It remains the same d) It changes to another state					
32. Which of the foll	owing is an example o	f expansion due	e to heat?		
a) A bridge getting shorter in winter b) A metal rod getting shorter when heated c) A bimetallic strip bending when heated d) A rubber band getting thinner when stretched					
33. What is the SI unit of heat?					
a) Kelvin	b) Degree Celsius	c) Joule		d) Watt	
34. Which of the following materials is a good insulator of heat?					
a) Metal	b) Water	c) Wool		d) Iron	



ADARSH WORLD SCHOOL

Session (2025-26)
Subject: Artificial Intelligence (AI)

Class: VII

Worksheet

Multiple Choice Questions (MCQs)

-			
1.	Which of the following is a commonly used AI technique?		
	a) Drawingb) Machine Learning	c) Browsing d) Printing	
2.	Al systems that can learn from data a	and improve their performance are using:	
	a) Animation b) Machine Learning	c) Typing d) Coding only	
3.	Which technique is used in AI to und	erstand and respond to human language?	
	a) Painting b) Data Mining	c) Natural Language Processing d) Graph Making	
4.	Robotics in AI is a technique that dea	ls with:	
	a) Planting treesb) Controlling smart machines	c) Writing emails d) Playing music	
Fill in t	he Blanks		
1.	is an AI technique wher	e computers learn from past data and make decisions.	
2.	is used to help machine	s understand human language like speech and text.	
3.	Vision-based AI uses red	cognition to identify objects and people.	
4.	In AI, are intelligent ma	chines that can perform tasks on their own.	
5.	Al techniques help machines become	e more and capable.	
Short A	Answer Questions		
1.	What are AI techniques?		
2.	Name any two AI techniques and exp	plain them briefly.	
3.	How does Machine Learning help Al	systems?	