

St. Mary's School, Dwarka Holiday Homework Class: VII Worksheet 3

Subject: English

General Instructions:

- 1) The work should be done neatly and systematically.
- 2) The given questions are to be done in the English notebook.
- 3) Attempt all questions.

No. of questions: 10

M.M. 25

Q1. Read the following passage carefully:

1. In ancient times, people used simple methods to move from one place to another. Walking was the most common way to travel, but animals, such as horses, donkeys, and camels, were also used to carry goods and passengers. The invention of the wheel around 3500 B.C. was a turning point, as it allowed people to create carts and chariots, which made travel much easier.

2. As civilisations advanced, so did their transportation systems. The ancient Egyptians, Greeks, and Romans built extensive road networks to facilitate trade and military movements. The Romans constructed well-paved roads that connected cities and regions, which became the backbone of their empire. These roads were the forerunners of modern highways.

3. The Industrial Revolution in the 18th century marked another major advancement in transportation. The invention of the steam engine led to the development of steam-powered trains and boats. Railroads were constructed across countries, connecting cities and regions like never before. Steamships made it possible to travel long distances over water at greater speeds. The invention of the automobile in the late 19th century brought even greater change, allowing individuals to travel independently.

4. In the 20th century, the development of airplanes revolutionised long-distance travel. Airplanes made it possible to cross continents in just a few hours. The rise of mass transit systems in urban areas, such as buses and subways, allowed people to travel more easily within cities.

5. Today, transportation continues to evolve with innovations such as electric cars, high-speed trains, and even self-driving vehicles. With advancements in technology, modern travel is becoming increasingly fast, efficient, and sustainable. The future of transportation holds exciting possibilities, including flying cars and hyperloop systems.

Based on your understandi	stions: $(5 \times 1 = 5)$				
i. According to the passage, the invention of the wheel around 3500 B.C. was important because it					
a) helped people to create rob) led to the creation of cartsc) made it easier to travel ord) allowed people to travel a	s and chariots 1 foot		(1)		
ii. What does the word 'for a) historical figureb) ancestorc) event that leads to somethed) type of vehicle		most likely mean?	(1)		
iii. How did the steam engi	ne contribute to the deve	lopment of transpo	rtation? (1)		
 iv. Which of the following statements is NOT true according to the passage? (1) a) The Romans built roads to facilitate trade and military movement. b) The automobile was invented before the steam engine. c) Airplanes made long-distance travel faster. d) Mass transit systems help people travel within cities. 					
v. Replace the underlined word with its antonym from the passage: I realised that late-night studying was <u>unproductive</u> for me.					
Q2. Write a story in 100-120 words with the help of the following beginning. Also give a suitable title to your story.					
I had always heard stories about the mysterious cave near the village, but I never believed them— until the day I found myself standing at its entrance (3)					
Q3. Fill in the blanks with	the most appropriate opt	tion:	$(\frac{1}{2} \times 4 = 2)$		
The gardener planted (i)	new saplings in	the school garden. U	Infortunately, (ii)		
of them withered due to lack of water. He checked (iii) the plants and watered					
the dry ones. The rest were expected to grow well (iv) a few days.					
i. a. some	b. much	c. many	d. any		
ii. a. most	b. all	c. none	d. few		
iii. a. through	b. in	c. on	d. over		
iv. a. across	b. in	c. within	d. beside		

Q4. Fill in the blanks with the most appropriate option:			$(\frac{1}{2}\times 4=2)$	
The library was known for its (i)		silence. Students sat (ii)	the long tables,	
reading and taking notes. T	he librarian move	ed (iii) the shelves, ar	ranging the books neatly.	
Soft light filtered in throug	h the (iv)	curtains.		
i. a. peaceful	b. noisy	c. careless	d. constant	
ii. a. on	b. under	c. around	d. beside	
iii. a. onto	b. across	c. through	d. over	
iv. a. colourful	b. bright	c. heavy	d. dusty	
Q5. Read the given extrac	et to answer the	questions that follow:	(2)	
Maps are really Magic wands For home-staying Vagabonds!				
 i. What does the poet mea a) can turn into actual wan b) help magicians in their c) show only magical place d) inspire imagination and 	ds tricks es	ps "magic wands"?	(1)	
ii. Who are referred to as People who	• 0	с I	(1)	
a) love to stay at home andb) wander from place to plc) dream of travel but don'd) live in remote places	ace			
Q6. How does the story 'T (Answer in 30-40 words)	The M.C.C' refle	ect the irony of colonial influence	on Indian society? (2)	
Q7.What did Newton's pr words)	rism experiment	reveal about white light and col	our? (Answer in 30-40 (2)	
Q8. How do the fishermen describe their relationship with nature, and what does this reveal about their bond with the sea? (Answer in 30-40 words) (2)				
Q9. How does Bradbury a examples. (Answer in 50-		escribe Mars before and after th	e trees sprout? Provide (3)	

Activity:

Q10. Create a storyboard from the lesson 'The Green Morning'.

• Identify four main scenes from the story (e.g. tree planting, rain, greenery transformation).

- Use hand-drawn panels.
- Add a short summary with the panels.

A picture is attached for your reference.

The Kind Boy and the Injured Bird



A Gentle Discovery The boy finds a small, injured bird liying helplessly on the foresst flor.



Ready to Fly Again. After days of healing, the bird flaps its wings joyfully, ready to return to the skies.



Healing with Love He carefully takes the bird home and tends to its wound with care and kindness.



A Heartfelt Goodbve The boy sets the bird free, watching it soar high with a smile full of joy and love.



Subject-Hindi

प्रश्न 1 गदरांश को ध्यानपूर्वक पढ़कर दिए गए प्रश्नों के उत्तर दीजिए— (1×5=5) संस्कृति का सामान्य अर्थ है, मानव जीवन के दैनिक आचार-व्यवहार, रहन-सहन वथा क्रिया-कलाप आदि। वास्तव में संस्कृति का निर्माण एक लंबी परम्परा के बाद होता है। संस्कृति विचार व आचरण के वे नियम और मूल्य हैं जिन्हें कोई अपने अतीत से प्राप्त करता है।इसलिए कहा जाता है कि इसे हम अतीत से अपनी विरासत के रूप में प्राप्त करते हैं। दूसरे शब्दों में कहें तो संस्कृति एक विशिष्ट जीवन-शैली का नाम है। यह एक सामाजिक विरासत है जो परंपरा से चली आ रही होती है। प्रायः सभ्यता और संस्कृति को एक ही मान लिया जाता है, परंतु इनमें भेद हैं।सभ्यता में मनुष्य के जीवन का भौतिक पक्ष प्रधान है अर्थात सभ्यता का अनुमान भौतिक सुख-सुविधाओं से लगाया जा सकता है। इसके लिए विपरीत संस्कृति को आत्मा माना जा सकता है। इसलिए इन दोनों को अलग-अलग करके नहीं देखा जा सकता। वास्तव में दोनों एक-दूसरे के पूरक हैं। इनका विकास भी साथ-साथ होता है। अंतर केवल इतना है कि सभ्यता समय के बाद बदलती रहती है, किंतु संस्कृति शाखत रहती है।

(i) मानव जीवन में आत्मा किसे माना गया है?

- (क) संस्कृति को
- (ख) सभ्यता को
- (ग) विकास को
- (घ) सुख सुविधाओं को
- (ii) संस्कृति का विकास किसके बाद होता है?
- (क) लंबी परंपरा के बाद
- (ख) भौतिक सुख के बाद
- (ग) भारतीय सभ्यता के बाद
- (घ) लोकगीत परंपरा के बाद
- (iii) निम्नलिखित कथन(A)तथा कारण(R) को ध्यानपूर्वक पढ़कर उचित विकल्प का चयन कीजिए |

कथन (A संस्कृति विचार व आचरण के वे नियम और मूल्य हैं जिन्हें कोई अपने अतीत से प्राप्त करता है |

कारण (R)इसलिए कहा जाता है कि इसे हम अतीत से अपनी विरासत के रूप में प्राप्त करते हैं |

- (क) कथन(A) तथा कारण(R) दोनों गलत हैं।
- (ख) कथन(A) गलत है तथा कारण(R) सही है।
- (ग) कथन(A) सही है लेकिन कारण(R) गलत है |

(घ) कथन(A)तथा कारण(R) दोनों सही हैं। तथा कारण(R) कथन(A)की सही व्याख्या करता है। (iv) सभ्यता और संस्कृति में क्या अंतर है? (v) संस्कृति शब्द का सामान्य अर्थ क्या है? निम्नलिखित प्रश्नों के उत्तर दीजिए— $(1 \times 5 = 5)$ प्रश्न 2 'आज मैने लोगों की भीड़ देखी।' वाक्य में रेखाकिंत शब्द लोगों की भीड संज्ञा का कौन-सा भेद है? प्रश्न 3 12, 18, 20, 27 इन संख्याओं को शब्दों में लिखिए प्रश्न 4 'अंत भले का भला' इस लोकोक्ति का अर्थ बताइए | प्रश्न 5 ' मेरे घर में बहुत लोग रहते है।'—इस वाक्य में से कौन-सा शब्द विशेषण का है? पञ्चन-६ संज्ञा के सभी भेदों के नाम उदाहरण सहित लिखिए। पश्न–७ निम्नलिखित पश्न्नों के उत्तर दीजिए— $(1\frac{1}{2} \times 2 = 3)$ (क) लेखक नदियों को किन-किन रूपों में देखते हैं? आप नदियों को स्वच्छ रखने के लिए क्या प्रयास करेंगे? कुछ सुझाव दीजिए। (ख) मिठाईवाले में वे कौन-से गुण थे जिनकी वजह से बच्चे तो बच्चे बड़े भी उसकी ओर खिंचे चले आते थे? अपने कोई एक गण को बताइए। प्रश्न 8 निम्नूलिखित प्रश्नों के उत्तर दीजिए— $(1 \times 2 = 2)$ (क) देववत कौन थे और उन्होने अपने पिता के लिए क्या किया? (ख) केवटराज ने राजा के सामने शर्त क्यों रखी ? प्रश्न-9 संकेत बिंदुओं के आधार पर 70 से 80 शब्दों में अनुच्छेद लिखिए — (5x1=5)रवतंत्रता दिवस — १ रचतंत्रता का अर्थ 2 मनाने का कारण और तरीका 3 त्योहार का महत्त्व 4 निष्कर्ष (5×1=5) प्रश्न-10 मुहावरों का सुंदर-सा झूमर बनाइए |

Subject: Sanskrit

निर्देश- 1 प्रदत्त प्रश्नानाम् उत्तरम् संस्कृत पुस्तिकायाम् एव लिखत | 2 प्रश्नानाम् उत्तरम् पूर्णवाक्येन लिखित्वा रिक्तस्थानानि रेखाांकित करणीय | 3 कार्यम् स्वच्छं ,शुद्धं एवं स्पष्टं लेखम् एव लेखनीय |

No. of questions: 25

M.M-25

प्रश्न 1 अधोलिखितं गद्यांशं पठित्वा प्रश्नान् उत्तरत – (1×5=5) अस्माकं देशः भारतवर्षः अस्ति | अत्र सर्वे जनाः प्रातः काले उत्तिष्ठन्ति | सर्वप्रथमम् ईश्वरम् नमन्ति तदा स्व-स्व कार्यम् कुर्वन्ति | सर्वे बालकाः विद्यालयं गच्छन्ति | तत्र ते अध्यापकान् नमन्ति | ते विद्यालये पठन्ति लिखन्ति च | यदा ते विद्यालयात् गृहम् आगच्छन्ति तदा भोजनम् खादन्ति | केचन बालकाः विश्रामम् कुर्व न्ति | सर्वे बालकाः सांयकाले क्रीडाक्षेत्रं गच्छन्ति | तत्र ते क्रीडन्ति | सुशीलः रामः च क्रिकेट क्रीडां क्रीडतः | तत्र बाले अपि धावतः | माला, शीला रमा च अपि तत्र गच्छन्ति | तत्र ते कर्रूदन्ति | क्रीडाक्षेत्रे अनेके वृक्षाः पादपाः च सन्ति | पादपेषु पुष्पाणि विकसन्ति | पुष्पेषु भ्रमराः तिष्ठन्ति | तदनन्तरं ते विद्यालयस्य गृहकार्यम् कुर्वन्ति | बालकाः समये भोजनम् कुर्वन्ति |

- (i) सर्वे जनाः कदा उत्तिष्ठन्ति?
- (क) संध्या काले
- (ख) रात्रि काले
- (ग) मध्याह्न काले
- (घ) प्रातः काले

(ii) बालकाः कान् नमन्ति?

- (क) ईश्वरम्
- (ख) अध्यापकान्
- (ग) जनान्
- (घ) अध्यापिकाः
- (iii) केचन बालकाः किम् कुर्वन्ति?
- (क) पठनम्
- (ख) लेखनम्
- (ग) विश्रामम्
- (घ) संवादम्

- (iv) सर्वे बालकाः सांयकाले कुत्र गच्छन्ति?
- (क) क्रीडाक्षेत्रं
- (ख) विद्यालयं
- (ग) गृहं
- (घ) देवालयं
- (V) 'कूर्दन्ति' इति पदस्य अर्थम् लिखत।
- (क) लिखते हैं।
- (ख) खाते हैं।
- (ग) पढ़ते हैं |
- (घ) कूदते हैं।



मञ्जूषा — प्रसन्ना , छत्रम् , वृक्षस्य , वर्षा



- 1 अस्मिन् चित्रे भवति।
- 2 बालाः अधः सन्ति |
- 3 एकः बालकः धारयति।
- ४ बालिका अस्ति |

प्रश्न 3 परिवार वृक्षम् रचयित्वा पारिवारिक संबंधानाम् नाम संस्कृते लिखत |

(3)

प्रश्न 4 अधोलिखिते संवादे मञ्जूषायाः उचितपदानि चित्वा रिक्तस्थानानि पूरयत - $(\frac{1}{2} \times 4 = 2)$ मञ्जूषा — त्वम् , अहम्, संरकृतम् , किम् (1) माता—हे पुत्री ! त्वम् ——करोषि? (2) पुत्री—हे मातः !-----पठामि। (3) माता—हे पुत्री ! ——किम् पठसि? प्रश्न ५ मञ्जूषायां प्रदत्तैः उचित अव्ययपदैः रिक्तस्थानानि पूरयत - $(\frac{1}{2} \times 4 = 2)$ मञ्जूषा - किम्, अपि, च, अत्र (1) ----- एकम् विशालम् उद्यानम् अस्ति | (2) अहम् ----- आगरा नगरं गच्छामि | (3) रेखा उमा ----- धावतः। (4) माताा त्वं ----- करोषि? $(\frac{1}{2} \times 2 = 1)$ प्रश्न 6 अधोलिखितेषु रिक्तस्थानेषु प्रकृति प्रत्ययं संयोज्य वाक्यपूर्तिं कुरूत -(1) शिशः ----- (चल् + कत्वा) प्रसन्नः भवति। (2) रमेशः पाठं ----- (पठ् +क्त्वा) लेखं लिखति। $(\frac{1}{2} \times 2 = 1)$ प्रश्न ७ रेखांकित पदम् आधृत्य प्रश्नं निर्मीयताम् -(1) श्रीकण्ठः कृष्णमूर्तेः गृहं नववादने अगच्छत् । (2) रमाबाई मम्बई नगरे शारदा सदनम् अस्थापयत्। (½×4=2) (½×4=2) प्रश्न 8 शब्दानाम् अर्थम् लिखत -प्रकोष्ठेषु , प्रारब्धवती , दिवंगतः , भृत्यः प्रश्न 9 मञ्जूषायाः उचितपदानि चित्वा रिक्तरुधानानि पूरयत -मञ्जूषा— अष्टाविशातिः , द्वादश , द्वौ , षड् (1) ----- ऋतवः भवन्ति | (2) मम शारीरे ----- हस्तौ स्तः। (3) ----- मासाः भवन्ति | (4) फरवरी मासे सामान्यतः ----- दिनानि भवन्ति | परियोजना कार्य

Subject: Mathematics

No. of questions: 10 M.M. 25 Q1) Choose the correct answer: (1x2=2)(i) How much more is $\frac{1}{2}$ of $\frac{2}{3}$ than $\frac{3}{4}$ of $\frac{1}{3}$? $(d) \frac{7}{12}$ $(c)\frac{1}{12}$ (b) $\overline{3}$ (a) $\frac{1}{4}$ (ii) A wire is $\overline{10}$ m long. It is divided into 2 equal parts. What is the length of each part? (b) $\frac{3}{20}$ m (c) $\frac{1}{20}$ m (a) $\frac{1}{5}$ m $(d) \overline{5} m$ Q2) Fill in the blanks: (2) (i) The reciprocal of an improper fraction (except 1) is a fraction. (ii) $0 \div$ (any fraction) = (iii) $7 \div \overline{4}$ can be written as the product of and $(iv) \frac{5}{8} - \frac{1}{6} \dots \frac{8}{9} - \frac{2}{3} (<, > or =)$ Q3) Compare the following fractions: (2)(a) $\overline{5}$ and $\overline{6}$ (b) $\overline{\frac{4}{4}}$ and $\overline{\frac{5}{5}}$ Q4) Represent the following fractions on a number line: (b) $\frac{1}{5}$ $(a) \overline{5}$ (2)Q5) An octopus weighed $\overline{6}$ kilograms. After two weeks, its weight was increased by $\overline{10}$ kilograms. But afterwards, it lost $\frac{1}{5}$ kilograms of weight as it was sick. What is its current weight? (2) Q6) Simplify: (i) $1\frac{4}{5} \times 1\frac{1}{4} - \frac{3}{4} \times \frac{3}{5}$ (ii) $\frac{4}{15} \times (\frac{1}{4} - \frac{5}{6})$ (3) Q7) A company can repair $2^{\overline{5}}$ Km of road in a day. How many days will it take to repair a road $24^{\overline{5}}$ Km long? (3)left, what did he have at first? (3) Q9) Simplify: $\frac{1}{4} + \left[\frac{1}{2} \times \frac{1}{2} \div \left\{\frac{1}{2} \times \frac{1}{2} \div \frac{1}{2} + \left(\frac{1}{2} \div \frac{1}{2}\right)\right\}\right]$ (3)Q10) Activity: Make a beautiful pattern like rangoli or saree border using fraction art on a portfolio sheet. (3)

Subject: Science

 No. of questions: 10
 M.M. 25

 Q1. Heat from the Sun reaches the Earth mainly through the process of ______.
 (1)

 Image: Comparison of the state of the



(a) conduction

- (b) convection
- (c) radiation
- (d) reflection

Q2. Which of the following thermometers is suitable to measure the temperature of boiling water? (1) (a) Clinical thermometer



- (b) Mercury thermometer
- (c) Laboratory thermometer
- (d) Digital thermometer

For question 3, two statements are given- one labelled as Assertion (A) and the other labelled as Reason

- (R). Select the correct answer to these questions from the codes (a), (b), (c) and (d) as given below.
- (a) Both A and R are true, and R is the correct explanation of A.
- (b) Both A and R are true, but R is not the correct explanation of A.

- (c) A is true, but R is false.
- (d) A is false, but R is true.

Q3. Assertion (A): Sea breeze occurs during the daytime in coastal areas. (1)Reason (R): During the day, land heats up faster than water, causing air over the land to rise.

Q4. (a) What is the function of a kink in a clinical thermometer? (1+1=2)(b) What precautions should be taken while reading it? (1+1=2)

Q5. Give a reason for the following:

- (a) People wear light-coloured clothes in summer.
- (b) The bottom of a cooking pan gets heated first when placed on a flame

Q6. Identify the modes of heat transfer in pictures A, B, and C. Give reasons to support your answer.(3)



Q7. In desert areas, people build houses with thick walls and small windows. Explain how this helps in coping with the climate. Would the same structure be suitable for cold regions? Justify.

Q8. At a campsite, there are tents of two shades – one made with black fabric and the other with white fabric. (1.5+1.5=3)

(a) Which one would you prefer for resting on a hot summer afternoon? Justify.

(b) Would you like to prefer the same tent during winter? Give a reason.

Q9. During winter, Aranya noticed that her room remained warmer when the windows were closed and the curtains drawn. (1+1+2=4)

(a) What mode of heat transfer is being reduced by closing the windows?

(b) Why does air act as a poor conductor of heat?

(c) Suggest two ways to keep a room warm in winter without using a heater.

Activity:

Q10. a) Using a clinical thermometer, measure the body temperature of at least 6 persons and complete the table. You may use any of the clinical thermometers. (3+2=5)

Name	Age	Temperature(unit)

(b) Draw a labelled diagram of a clinical thermometer.

Subject: Social Science

General Instructions:

- The work should be done neatly and in a systematic way.
- Mention the number of worksheets while doing the work.
- Write all the questions along with the answers.

No. of questions: 10

M.M. 25

Q1. Name some of the most powerful rulers of the Chola Dynasty.		
Q2 What is meant by Universal Adult Franchise?		
Q3. Who is a Cartographer?		
Q4. What is the importance of equality?		
Q5. Define the following		
I. Natural environment		
II. Human environment	2	
Q6. What was the sole reason for the tripartite struggle? Why is it called so?		
Q7. What steps have been taken by the government to improve the status of Scheduled caste	and	
Scheduled tribe?	3	
Q8. Draw a diagram of the domains of the earth and explain any one domain in detail.		
Q9. What are minerals? How are minerals important to us?		
Q10. Make a well labelled diagram of the rock cycle.		

Activity: Topic : Minerals in Everyday Life:



Make a collage

- Ø Investigate the various ways minerals are used in our daily lives. Research different minerals and their applications in industries, technology, construction, jewellery, etc. (e.g., quartz in electronics and glass, graphite in pencils, halite as table salt, bauxite for aluminium).
- Ø Focus on a specific category, like minerals in electronics or minerals used in construction.

Make a report on A3 sheet

- Ø Research individuals throughout history and in the present day who have championed the cause of equality in different areas (race, gender, disability, etc.).
- Ø Choose a person or a group of people who have fought for equality (e.g., Mahatma Gandhi, Rosa Parks, Malala Yousafzai, disability rights advocates).

Subject: Computer Science

No. of questions: 10	
Answer the following questions:	
1. What is AI? List two similarities between human and AI?	2
2. Expand the following. a) NLP b) AI	2
3. Give two examples of NLP.	2
4. Give another name for the following types of AI. a) Weak AI b) Set	trong AI 2
5. Explain the importance of Super AI.	2
6. Mention any three characteristics of strong AI.	3
7. On the basis of functionality, categorise three types of artificial intelligence.	
8. List any three differences between human intelligence and artificial intelligence.	
9. Draw a well labelled G.O to explain different types of AI.	3
10. Write a short note on Thing Translator.	3

Activity:

Using adobe express to create an Infographics on "Different Types of AI".

Note: Type new.express.adobe.com to log in to your Adobe account.

Your username will be your Microsoft ID(eg:

 $xyz 1234 @\,stmarys school dwark a. on microsoft.com) \\$