



St. Mary's School, Dwarka

Holiday Homework 2026

Class: VIII

Worksheet 2

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 – 9

M.M-25

Q1. Read the following passage.

1. The popularity of podcasts has increased remarkably in recent years, revolutionising the way people consume information and entertainment. A podcast is a digital audio programme that listeners can stream or download on electronic devices such as smartphones and laptops. Podcasts encompass a diverse range of subjects, including literature, business, science, psychology, technology, and current affairs.
2. The concept of audio broadcasting is not entirely novel. Earlier generations depended heavily on radio programmes for news and recreation. However, podcasts differ from conventional radio because listeners can select specialised topics and access episodes at their convenience. This flexibility has made podcasts particularly appealing to students and professionals who prefer acquiring knowledge while travelling or multitasking.
3. One significant factor behind the growing prominence of podcasts is their accessibility. Individuals can now listen to renowned authors, scientists, historians, and motivational speakers from different parts of the world with ease. Educational podcasts, in particular, have emerged as valuable academic resources because they simplify intricate concepts and present information in an engaging and comprehensible manner.
4. Podcasts have also generated opportunities for independent creators and entrepreneurs. Many individuals now produce original audio content and communicate their perspectives to global audiences without depending on major media corporations. Some podcast creators generate substantial income through sponsorships, advertisements, collaborations, and premium subscriptions, transforming podcasting into a lucrative profession.
5. Despite their increasing influence, podcasts also present certain challenges. Since digital platforms allow almost anyone to publish content, not all podcasts provide authentic or credible information. Some programmes may circulate misinformation, exaggerated claims, or biased viewpoints.

Std. VIII Worksheet 2

Consequently, listeners should evaluate information critically and rely on trustworthy sources before accepting it as factual.

6. Experts predict that podcasts will continue to gain prominence as digital technology evolves further. With expanding internet accessibility and the growing preference for flexible learning methods, podcasts are likely to become an even more influential medium of communication, education, and entertainment in the future.

Based on your understanding of the passage, answer the questions given below. (1x5=5)

i. Why have podcasts become especially popular among students and professionals? (1)

- a) available only on radio channels
- b) accessed conveniently while multitasking
- c) focus only on entertainment content
- d) require expensive subscriptions to access

ii. What can be inferred about podcasts from the passage? (1)

Podcasts have become influential because they _____.

- a) are limited to educational institutions only
- b) provide flexible and accessible learning opportunities
- c) completely replaced traditional books and newspapers
- d) are created only by professional journalists

iii. What challenge associated with podcasts is mentioned in the passage? (1)

iv. Which of the following best describes the author's tone in the passage? (1)

- a) critical and discouraging
- b) humorous and sarcastic
- c) informative and balanced
- d) emotional and exaggerated

v. Choose a suitable title for the passage. (1)

- a) The Decline of Traditional Radio Broadcasting
- b) Podcasts: A New Era of Audio Entertainment
- c) The Growing Impact of Modern Digital Technology
- d) The Importance of Reading Printed Literature

Q2. 'The future depends on what we do in the present.' — Mahatma Gandhi

Write a paragraph in about 100–120 words on the topic 'The Importance of Discipline in One's Life.' You may include the role of discipline in achieving success, managing time, building character, and shaping a bright future. (3)

Std. VIII Worksheet 2

Q3. Fill in the blanks with the appropriate word.

($\frac{1}{2} \times 4=2$)

By the time the investigators (i) _____ at the abandoned warehouse, the suspects had already disappeared. The officers searched the building thoroughly but could (ii) _____ find any useful evidence. One of the witnesses claimed that he had seen a car leaving the area remarkably (iii) _____ just before the police arrived. Although the authorities (iv) _____ the case for several weeks, the mystery remained unsolved.

- | | | | | |
|------|----------------|-----------------|---------------------|---------------------------|
| i. | a. arrive | b. arrived | c. had arrived | d. were arriving |
| ii. | a. barely | b. rarely | c. nearly | d. highly |
| iii. | a. rapidly | b. cautiously | c. unexpectedly | d. deliberately |
| iv. | a. investigate | b. investigated | c. had investigated | d. had been investigating |

Q4. Combine the two sentences into a single sentence.

(2)

Hardly had the expedition begun when the team realised that (i) _____ equipment had been damaged during transportation. The guide instructed the members to avoid (ii) _____ unnecessary risks while crossing the glacier. Several climbers (iii) _____ exhausted after walking continuously for hours, yet none of them refused (iv) _____ the journey despite the severe weather conditions.

- | | | | | |
|------|-------------|--------------|---------------|--------------|
| i. | a. many | b. several | c. much | d. little |
| ii. | a. take | b. taking | c. took | d. taken |
| iii. | a. becomes | b. becoming | c. became | d. become |
| iv. | a. continue | b. continued | c. continuing | d. continues |

Answer the following questions in 30-40 words.

Q5. Why does the speaker long to go to Innisfree while standing on the ‘pavements grey’ in the poem, **The Lake Isle of Innisfree**? (2)

Q6. In what ways did the student marchers show unity and determination during their journey in the lesson, **The Narayanpur Incident**? (2)

Q7. Who were the Yup’ik who settled in Newtok? (2)

Answer the following question in 50-60 words.

Q8. What is implied by the narrator’s statement “He had us there” at the end of the lesson, **The Night the Ghost Got In**? Explain briefly. (3)

Q9. Create a poster on an A4-Sized sheet that illustrates peaceful ways to express patriotism.

- Use symbols and images to promote unity and national pride.
- Include a clear title and a short, meaningful slogan that reflects the spirit of peaceful patriotism.

(4)

Subject: Hindi

निर्देश — 1 दिए गए सभी प्रश्नों के उत्तर हिन्दी की उत्तर पुस्तिका में लिखिए।

2 सभी प्रश्नों के उत्तर पूर्ण वाक्य में लिखकर स्थानों को रेखांकित कीजिए।

3 कार्य स्वच्छ शुद्ध एवं स्पष्ट लेख में कीजिए।

प्रश्न 1 अपठित गद्यांश को पढ़कर निम्न प्रश्नों के उत्तर दीजिए — (1×5=5)

मानव जीवन में आत्मसम्मान या स्वाभिमान का बहुत अधिक महत्त्व है। आत्म सम्मान में अपने व्यक्ति को अधिक से अधिक सशक्त एवं प्रतिष्ठित बनाने की भावना निहित होती है। इससे शक्ति, साहस, उत्साह आदि गुणों का जन्म होता है; जो जीवन की उन्नति का मार्ग प्रशस्त करते हैं। आत्मसम्मान की भावना से पूर्ण व्यक्ति संघर्षों की परवाह नहीं करता है और हर विषम परिस्थिति से टक्कर लेता है। आत्मसम्मान की व्यक्ति धर्म, सत्य, न्याय और नीति के पथ का अनुगमन करता है। ऐसे व्यक्ति में राष्ट्र के प्रति सच्ची निष्ठा होती है। चूँकि आत्मसम्मान की व्यक्ति अपनी अथवा दूसरों की आत्मा का हनन करना पसंद नहीं करता, इसलिए वह ईर्ष्या-द्वेष जैसी भावनाओं से मुक्त होकर मानव-मात्र को अपने परिवार का सदस्य मानता है। निश्चल हृदय होने के कारण वह आसुरी वृत्तियों से सर्वथा मुक्त होता है। उसमें ईश्वर के प्रति सच्ची भक्ति, विश्वास एवं निष्ठा होती है, जिससे उसकी आध्यात्मिक शक्ति का विकास होता है। जीवन को सरस और मधुर बनाने के लिए आत्मसम्मान रसायन-तुल्य है।

(i) किस प्रकार की भावना से पूर्ण व्यक्ति संघर्षों की परवाह नहीं करता है?

(क) आत्मसम्मान

(ख) साहस

(ग) उत्साह

(घ) स्वतंत्रता

(ii) जीवन को सरस और मधुर बनाने के लिए आत्मसम्मान किसकी तरह है?

(क) निश्चल प्रेम

(ख) रसायन-तुल्य

(ग) आध्यात्मिक शक्ति

(घ) परिवार का सदस्य

(iii) निम्नलिखित कथन (A) तथा कारण (R) को ध्यानपूर्वक पढ़कर उचित विकल्प का चयन कीजिए।

कथन (A) मानव जीवन में आत्मसम्मान या स्वाभिमान का बहुत अधिक महत्त्व है।

कारण (R) इससे शक्ति, साहस, उत्साह आदि गुणों का जन्म होता है; जो जीवन की उन्नति का मार्ग प्रशस्त 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) किस प्रकार के व्यक्ति में राष्ट्र के प्रति सच्ची निष्ठा होती है?

(v) आत्मसम्माननी व्यक्ति किस कारण मानव-मात्र को अपने परिवार का सदस्य मानता है?

निम्नलिखित प्रश्नों के उत्तर दीजिए—

(1×5=5)

प्रश्न 2 जब कर्ता स्वयं काम न करके किसी और से करवाता है तो वह कौन सी क्रिया कहलाती है? एक उदाहरण दीजिए।

प्रश्न 3 विशेषण के कितने भेद होते हैं? उनके नाम लिखते हुए संख्यावाचक विशेषण का उदाहरण देते हुए उसे स्पष्ट कीजिए।

प्रश्न 4 आकाश में तारे टिमटिमा रहे हैं। रेखांकित पद के दो पर्यायवाची शब्द क्या हैं ?

प्रश्न 5 'अंधों में काना राजा' इस लोकोक्ति का क्या अर्थ है ?

प्रश्न 6 'आँखों में धूल झाँकना' इस मुहावरे को वाक्य में प्रयोग कीजिए?

प्रश्न-7 निम्नलिखित प्रश्नों के उत्तर दीजिए—

(1½×2=3)

(क) कवि ने किन कार्यों को जीवन का सार बताया है? आपके जीवन का क्या उद्देश्य है?

(ख) बिल्ली का बाहर से घर में झाँकना क्या दर्शाता है? आपको पालतू जानवर कैसे लगते हैं? कारण सहित समझाइए।

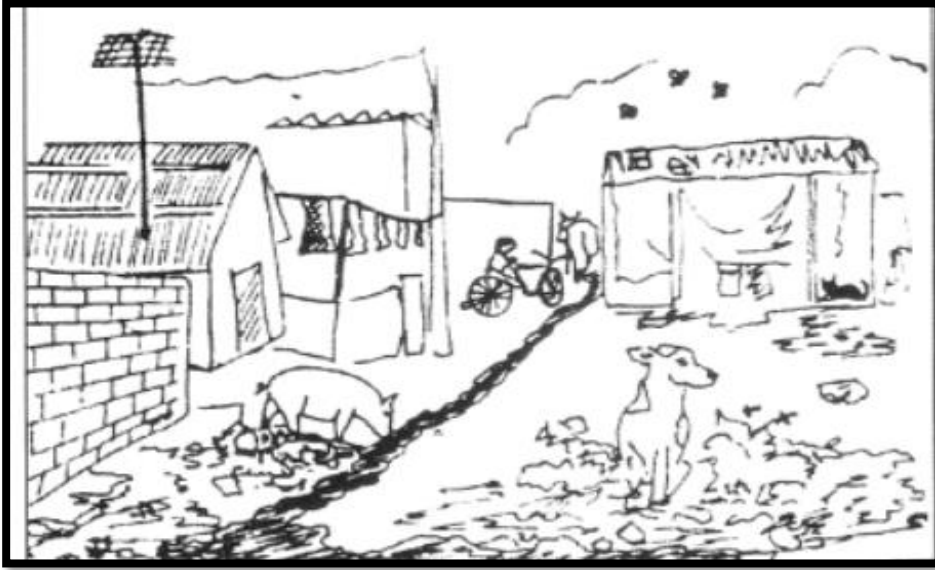
प्रश्न 8 निम्नलिखित प्रश्न का उत्तर दीजिए—

(2×1=2)

प्र० भगीरथ प्रसाद के अनुसार किसकी मृत्यु हो गई थी?

प्रश्न 9 दिए गए चित्र का 70 से 80 शब्दों में वर्णन कीजिए।

(5×1=5)



प्रश्न-10 हरिद्वार के पवित्र स्थलों को चित्रसहित दर्शाते हुए चार्ट बनाइए।

(5×1=5)

Subject: Sanskrit

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

प्रश्न 1 अधोलिखितं गद्यांशं पठित्वा बहुविकल्पकान् प्रश्नान् उत्तरत - (1×5=5)

वृक्षाणाम् उपयोगिता सर्वे जानन्ति । ते अस्मान् 'ओषजनं' नाम प्राणवायुं यच्छन्ति । वृक्षसमूहः द्वयोः भागयोः विभक्तः अस्ति वनम् उपवनम् च । उद्यानं वाटिका च उपवनस्यैव अङ्गस्तः । उपवनानि तु जननिर्मितानि भवन्ति किन्तु वनानि सदा प्राकृतिकानि सन्ति । वनेभ्यः वयम् इन्धनाय भवनोपकरणाय निर्माणाय च काष्ठानि लभामहे । गृहे विद्यालये कार्यालये वा याः आसन्दिकाः काष्ठमञ्जूषाः गवाक्षाः आदयः भवन्ति तेषां मूले वृक्षाः एव सन्ति । यानि पुस्तकानि वयं पठामः तानि अपि वेणुप्रभृतिभिः वृक्षैः निर्मितानि भवन्ति, विविधाः ओषधयः वृक्षाणां पादपानाञ्च नानाभिः असे यथा पत्रपुष्पैः रसेन वा निर्मिताः भवन्ति । सर्वाणि खाद्यवस्तूनि वृक्षेभ्यः निर्मितानि भवन्ति । अथ किम् ! फलाहारः तु सर्वेषु आहारेषु श्रेष्ठः इति वैद्याः कथयन्ति । वृक्षाः वातावरणं शुद्धं कुर्वन्ति तथा च प्रदूषणं दूरीकुर्वन्ति । मेघान् आकर्षन्ति येन समये वृष्टिः भवति । मूलानि मृत्तिकायाः अपरदनं रोधयन्ति । वृक्षाणां शाखासु स्व-नीडानि रचयन्ति तत्र च सुखेन निवसन्ति परोपकारिणः सन्ति, ते स्वयं आतपे तिष्ठन्ति किन्तु अन्येभ्यः छायां यच्छन्ति ।

1 वृक्षाः अस्मान् कं प्राणवायुं यच्छन्ति?

- (क) नाइट्रोजन
(ख) ओषजनम्
(ग) अङ्गारवायुः
(घ) किमपि न

2. के जननिर्मितानि भवन्ति?

- (क) वनानि
(ख) पर्वताः
(ग) उपवनानि
(घ) नद्यः

3. वनेभ्यः वयं भवननिर्माणाय किं लभामहे?

- (क) जलम्
(ख) काष्ठानि
(ग) प्रस्तरम्
(घ) वायुम्

Std. VIII Worksheet 2

4 वृक्षाः स्वयं कुत्र तिष्ठन्ति?

- (क) छायायाम्
- (ख) गृहे
- (ग) आतपे
- (घ) जले

5 'भवन्ति' इति पदस्य धातुः लकारः च किम् अस्ति ?

- (क) 'भव्' धातुः लृटलकारः च ।
- (ख) 'भू' धातुः लटलकारः च ।
- (ग) 'भव्' धातुः लोटलकारः च
- (घ) 'भू' धातुः लंगलकारः च ।

प्रश्न 2 चित्रं दृष्ट्वा मञ्जूषायां दत्तपदानां सहायतया रिक्तस्थानानि पूर्यत — ($\frac{1}{2} \times 4 = 2$)

मञ्जूषा — क्रीडन्ति , ग्रामस्य , कृषकः , मन्दिरं



- 1 एतत् मनीहरं दृश्यं अस्ति ।
- 2 अत्र एकः क्षेत्रे कार्यं करोति ।
- 3 ग्रामे एकं अपि अस्ति ।
- 4 बालाः ।

प्रश्न 3 अधोलिखिते संवादे मञ्जूषायाः उचितपदानि चित्वा रिक्तस्थानानि पूरयन्तु - $(\frac{1}{2} \times 4 = 2)$

मञ्जूषा - प्राणवायुं , पादपं , किमर्थं , कुत्र

अभिनवः भो मित्र विवेक! [1]..... गच्छसि?

विवेकः अभिनव! अहं वाटिकां गच्छामि। अद्य अहं तत्र एकं [2] रोपणं करिष्यामि।

अभिनवः अति शोभनम्! किन्तु [3]..... पादपरोपणं करोषि?

विवेकः मित्र! वृक्षाः अस्मान् [4]..... यच्छन्ति, वातावरणं च शुद्धं कुर्वन्ति।

प्रश्न 4 भवतः अनुजः सन्तुलितभोजनं न सेवते। अनुजं सन्तुलितभोजनं सेवनार्थं लिखितं पत्रं मञ्जूषायां दत्तैः शब्दैः पूरयित्वा पुनः लिखन्तु- $(\frac{1}{2} \times 6 = 3)$

मञ्जूषा = भवान् , खादिष्यति, ज्ञातम्, स्वास्थ्याय, भोजनम्, अग्रजः

343, दिलशादनगरम्

मध्यप्रदेशः

तिथिः 20.05.25

प्रियपुत्र प्रशान्त!

स्नेहाशीष,

मातुः पत्रेण (i)यत् भवान् सन्तुलितं (ii) न सेवते। एतत् तु न उचितम् शरीरस्य (iii) सन्तुलितभोजनम् अनिवार्यम्। यदि भवान् सन्तुलितभोजनं न (iv) तदा अस्वस्थः भविष्यति। (v) पुनः इत्थम् न करिष्यति इति अहम् चिन्तयामि।

भवतः (vi)

अनिलः

प्रश्न 5 मञ्जूषायां प्रदत्तैः उचित अव्ययपदैः रिक्तस्थानानि पूरयत - $(\frac{1}{2} \times 4 = 2)$

मञ्जूषा - यथा-तथा, सततम् , मा , एकदा

(1) वर्षा भवति।

(2) राम! त्वम् असत्यं..... वदसि।

(3) मीरा विषम् अपिबत्।

(4) लता!राधा अस्तितस्याः भगिनी अपि अस्ति।

प्रश्न 6 अधोलिखितेषु रिक्तस्थानेषु प्रकृति प्रत्ययं संयोज्य वाक्यपूर्तिं कुरुत — $(\frac{1}{2} \times 2 = 1)$

- 1 मधु कवितां — (लिख् + तुमुन्) गृहम् गच्छति ।
- 2 मातामही कथाम् — (पठ् + तुमुन्) देवालयम् गच्छति ।

प्रश्न 7 घटिकां रचयित्वा प्रदत्तं समयं संस्कृते लिखत । $(\frac{1}{2} \times 4 = 2)$

अहम् प्रातः 6:30..... वादने उत्तिष्ठामि । स्नानम् कृत्वा 7:00 वादने भ्रमणम् करोमि । बसयानेन 7:45..... वादने विद्यालयम् गच्छामि । सभागारे 8:15 वादने प्रार्थनां करोमि ।

प्रश्न 8 रेखांकित पदम् आधृत्य प्रश्नं निर्मायताम् - $(\frac{1}{2} \times 2 = 2)$

- (1) नायकः सर्वान् प्रेरयन् अवदत् ।
- (2) अहम् समाजाय श्रमं करोमि ।

प्रश्न 9 घटनाक्रमानुसारम् अधोलिखितवाक्यानि पुनः लिखत- $(\frac{1}{2} \times 4 = 2)$

- (1) तत्र प्रतिदिनं दूरदेशात् पक्षिणः आगत्य निवसन्ति स्म ।
- (2) अथ कदाचित् तत्र कश्चिद् व्याधस्तण्डुलणकान विकीर्य जालं विस्तीर्य च प्रच्छन्नो भूत्वा स्थितः ।
- (3) अस्ति गोदावरीतीरे एको विशालः शाल्मलीतरुः ।
- (4) तस्मिन्नेव काले चित्रगीवनामा कपोतराजः सपरिवारः आकाशमार्गं गच्छति स्म ।

परियोजना कार्य

प्रश्न 10 सात बहनें (Seven Sister) कहे जाने वाले उत्तर पूर्वी राज्यों को भारत के मानचित्र पर दर्शाते हुए वहाँ का खानपान, सांस्कृतिक विशेषताएँ, वेशभूषा और पर्व के विषय में चित्रसहित जानकारी देते हुए एक परियोजना फाइल (project file) बनाइए। $(5 \times 1 = 5)$

Subject: Mathematics

General Instructions:

General Instructions:

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

No. of questions: 10

M.M. 25

Q1. Choose the correct option :

(1x2)

i) The cube of 10 can be expressed as the sum of:

- a) 10 consecutive odd numbers
- b) 10 consecutive even numbers
- c) 20 consecutive odd numbers
- d) 5 consecutive odd numbers

ii) In prime factorisation, a number is a perfect square if:

- a) All prime factors occur in odd powers
- b) All prime factors occur in even powers
- c) It has more than 2 prime factors
- d) It is greater than 100

Q2. Fill up the following blanks :

(2)

i) The square of an even number is _____.

ii) The least number by which 72 be multiplied to make it a perfect cube is _____.

iii) If $8x^3=216$, then x is _____

iv) There are _____ perfect cubes between 1 and 1000.

Q3. A square garden has an area of 3136 m². find the length of one side of the garden.

(2)

Q4. Find out the cube root of 13824 by the prime factorisation method.

(2)

Q5. State true or false.

(2)

- (i) A perfect cube never ends with two zeros.
- (ii) If the square of a number ends with 5, then its cube ends with 25.
- (iii) The cube of a two-digit number may have seven or more digits.
- (iv) The cube of a single-digit number may be a single-digit number.

Q6. Find the smallest square number that is divisible by each of the numbers 8, 15 , 20 .

(2)

Q7. Find the square root of the following number by division method :

(3)

i) 7056 ii) 9025 iii) 10404

Std. VIII Worksheet 2

Q8. Find the least number which must be added to each of the following numbers so as to get a perfect square. Also find the square root of the perfect square so obtained. (3)

- (i) 1825 (ii) 6412

Q9. Find the least number which must be subtracted from each of the following numbers so as to get a perfect square. Also find the square root of the perfect square so obtained. (3)

- (i) 3250 ii) 4000

Q10. Activity Work: (To be done on portfolio sheet)

How many square numbers are there between 1 and 100? How many are between 101 and 200? Using the table of squares , enter the values below, tabulating the number of squares in each block of 100.

What is the largest square less than 1000? (4)

1-100	
101-200	
201-300	
301-400	
401-500	
501-600	
601-700	
701-800	
801-900	
901-1000	

Subject: Science

General Instructions:

- * Neatly write the answers in your fair notebook.
- * Attempt the questions keeping in mind the weightage of each question.

No. of questions: 10

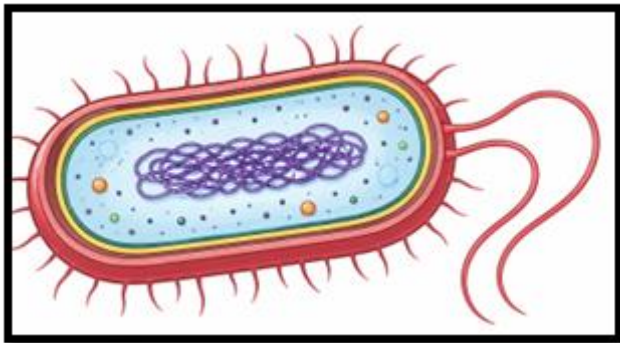
M.M. 25

Q1. A student builds an electromagnet using an iron nail, copper wire, and a battery. He observes that the magnet becomes stronger when he changes one of the factors in the setup. (1)

Which change will make the electromagnet stronger?

- a. Reducing battery size
- b. Adding more turns to the coil
- c. Using thin wire
- d. Increasing the length of the wire in the circuit

Q2. Which feature makes bacteria different from plant and animal cells? (1)



- A. Presence of cytoplasm
- B. Presence of cell membrane
- C. Absence of a well-defined nucleus
- D. Presence of cell wall

Q3. This is an Assertion-Reason question. It consists of 2 statements- Assertion(A) and Reason(R).

Answer this question by selecting the appropriate option 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.

Assertion (A): Curd sets faster in warm conditions.

(1)

Reason (R): Lactobacillus bacteria grow well at low temperatures.

Std. VIII Worksheet 2

Q4. Why are heating elements in appliances such as electric kettles and room heaters made of materials with high resistance? Explain briefly. (2)

Q5. Scientific investigations often begin with curiosity about everyday observations. Under what conditions is a scientific investigation considered most effective and reliable? Explain your answer with one suitable example from daily life. (2)

Q6. “Modern electronic devices, rechargeable batteries, and computer chips require metals such as lithium, cobalt, and silver.”

(a) Why recycling electronic waste may become more important in the future than mining new silver? (1)

(b) How can the shortage of metals like lithium, cobalt, and silver affect future technologies? (1)

(c) Compare one advantage of technological development with one environmental challenge caused by increased mining of these metals. (1)

Q7. When an incense stick is burnt in one corner of a room, its fragrance spreads throughout the room after some time. Students often wonder how the smell travels from one place to another. Taking this situation as the basis of scientific inquiry, investigate the phenomenon like a scientist.

Prepare a flowchart showing the complete process of investigation under the following headings:
Objective → Hypothesis → Experiment → Record Data/Observations → Conclusion/Explanation.

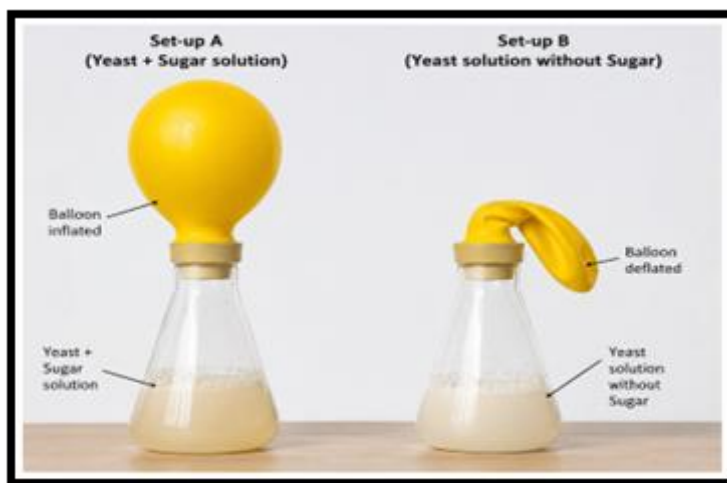
Q8. Answer the following questions with reference to the diagram given below:

a. Which gas is responsible for inflating the balloon? (1)

b. Why was sugar added to the setup? (1)

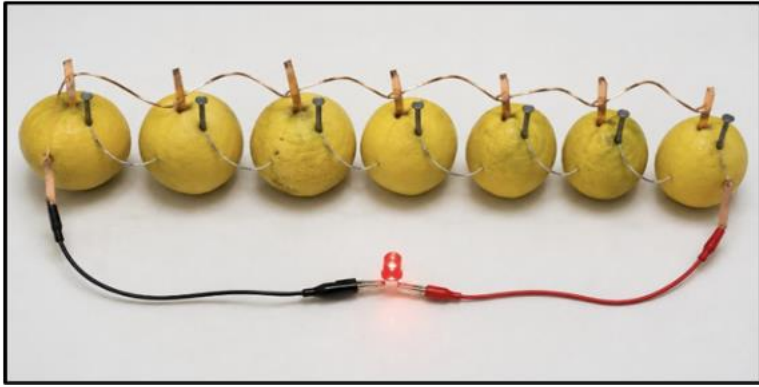
c. Why should the setup be kept in a warm place? (1)

d. If yeast is replaced by bacteria used in curd formation, will the balloon inflate similarly? Give a reason. (1)



Q9 A group of students conducted an experiment to make a simple electric cell using **oranges**. They inserted copper strips and zinc plated iron nails into several oranges and connected them in series using wires. An LED bulb was connected to the setup. After reversing the LED connections, the LED started glowing.

Std. VIII Worksheet 2



Answer the following questions:

- (a) What role does orange juice play in this experiment? (1)
- (b) Why did the LED glow only after reversing its connections? (1)
- (c) Name the two electrodes used in the activity. (1)
- (d) Suggest one other household liquid that can be used instead of orange juice as an electrolyte. (1)

Q10. Activity:

Collect vegetable peels, dry leaves, and a little soil. Put them together in a pot or container and sprinkle some water daily for one week. Observe the changes carefully.

Answer the following questions:

- a. What change did you observe in the waste materials after a few days? (1)
- b. Which organisms help in this process? (1)
- c. What is this process called? (1)
- d. Why is moisture necessary in this activity? (1)
- e. Mention one benefit of compost formation. (1)

Subject: Social Science

General Instructions:

- **The work should be done neatly and in a systematic way.**
- **The given assignments are to be done in the fair notebook.**
- **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. Which document proves a citizen's identity during voting?

(1)

- A) Passport
- B) Birth Certificate
- C) Voter ID Card
- D) PAN Card

Q2. Resources that can be replaced naturally are called:

(1)

- A) Human-made resources
- B) Renewable resources
- C) Non-renewable resources
- D) Exhaustible resources

Q3. Identify the fort built in Delhi.

(1)



- A). Red Fort
- B). Firoz Shah Kotla Fort
- C). Tughlaqabad Fort
- D). Qila Rai Pithora

Std. VIII Worksheet 2

- Q4. During elections, many people in a village decide not to vote because they think one vote does not matter. How would you convince them? (2)
- Q5. A factory near a village is releasing waste into a river. What problems may this create for people and the environment? (2)
- Q6. Explain the importance of natural resources in our daily life. (2)
- Q7. Write a short note on the Narasimhadeva-I. (2)
- Q8. "Voting is both a right and a responsibility." Explain the statement. (3)
- Q9. Describe any three methods to conserve natural resources. (3)
- Q10. How do Babur's observations in the Babur Nama help us understand the era he shaped? (3)

Project Work: (5)

Prepare a project on an A4 sheets-Krishnadevaraya, the great ruler of the Vijayanagara Empire, highlighting his achievements, administration, contribution to art, literature, trade, and the importance of Hampi. Also mention the famous monuments and items produced in India during his reign.

Subject: Computer Science

General Instructions:

- 1) The work should be done neatly and systematically.
- 2) The given questions should be completed in the Computer Science notebook.
- 3) All questions are compulsory.
- 4) Write only answers.

Choose the correct options

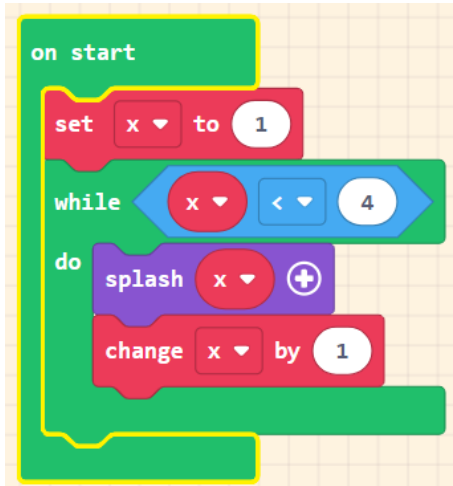
1. Why are functions used in programming? (1)
(a) To increase the length of the code. (b) To arrange code into reusable sections.
(c) To slow down the execution of the program. (d) To remove all variables from the program.
2. What do you mean by a parameter in a function? (1)
(a) A value sent to a function for processing. (b) The output produced by a function.
(c) A variable created only outside the function. (d) The command used to stop a function
3. An argument in a function is: (1)
(a) The code written inside the function. (b) The name used to identify the function.
(c) The value supplied to a function during a function call. (d) A variable created within the function.
4. Which loop runs endlessly until the game stops? (1)
(a) repeat loop (b) conditional loop (c) forever loop (d) while loop
5. Which category contains the forever block in MakeCode Arcade? (1)
(a) Loops (b) Sprites (c) Music (d) Variables

Answer the following questions

6. Why is the join block used in MakeCode Arcade? (2)
7. Define the following: i) Control Structures ii) repeat n times loop (3)
8. Write any three benefits of using functions in programming. (3)
9. Explain the steps involved in creating a function. (4)
10. Find the output of the following. (2 x 4 = 8)

Std. VIII Worksheet 2

i)



```
ii) health = 20
while (health > 0):
    game.splash("" + health)
    health = health - 10
```

```
iii) for i in range(6):
    if i == 4:
        break
    game.splash(i)
```

```
iv) for index in range(10):
    if index % 3 == 0:
        continue
    game.splash(index)
```

Subject: Elementary Math(For students with special needs)

General Instructions:

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

Q1 Choose the correct option : (1×4)

(i) The sum of $30303 + 0 =$ _____
a) 0 b) 300303 c) 30303 d) None

(ii) $999 + 1 = 1 + 999$ is same ?
a) Yes b) No

(iii) $999 - 1 = 1 - 999$ is same ?
a) Yes b) No

(iv) Sum of 5, 15, 25
a) 60 b) 70 c) 20 d) 45

Q2 Add the following numbers by writing in vertical columns: (1×3)

- I. 26,12,828 and 1,62,357
- II. 2618; 25,59,163 and 3,53,21,638
- III. 1,350,617; 72,168,059 and 62,800

Q3 Subtract the following: (1×3)

- I. $30,000,002 - 1,638,565$
- II. 2,48,89,162 and 1,52,63,528
- III. 36,10,281 from 6,28,91,252

Q4 Mr. Malhotra bought a plot for ₹ 313000. He spent ₹ 1925585 to build a bungalow on it. How much was the total cost of the plot and the bungalow? (2×1)

Q5 What should be Subtracted from 12,735,213 to get 673,005? (2×1)

Q6 Rs.3,85,950 was given by the government to build a road in a town. The people of the town collected Rs. 65,175 more. How much money was available to build the road? (2×1)

Q7 Subtract the sum of 64298 and 16357 from 959823. (2×1)

Std. VIII Worksheet 2

- Q8 A water tank stored 359600 liters of water, out of which 160200 liters of water was distributed.
How much water is left in the tank? (2×1)
- Q9 What should be added to 3,50,367 to get 1,89,25,853? (2x1)
- Q10 Collect age data of your 10 friends and rewrite that numbers in Roman numerals. (3x1)