



St. Mary's School, Dwarka

Holiday Homework

Class: VII

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: 10

M.M. 25

Q1. Read the following passage carefully:

Dr. A.P.J. Abdul Kalam, affectionately remembered as the “Missile Man of India,” was an extraordinary figure whose journey from modest origins to the highest office of the country is a testament to perseverance and intellect. Born into a financially humble household in Rameswaram, Tamil Nadu, Kalam exhibited a relentless curiosity for science and flight from a young age. This passion eventually led him to become a key architect of India’s missile development programs, earning national and global recognition for his contributions to defence and space technology.

Despite his scientific accolades, Dr. Kalam’s deepest commitment lay in igniting young minds. He often emphasised the transformative power of education and tirelessly engaged with students, urging them to cultivate dreams and work toward them with discipline. His autobiography, *Wings of Fire*, not only chronicles his professional achievements but also reveals the values that shaped his character — simplicity, integrity, and a deep respect for knowledge.

Even as President of India, Kalam maintained an approachable and unpretentious demeanour. He eschewed the trappings of power, choosing instead to remain connected to the people, especially the youth. His unexpected passing in 2015, while addressing students, was symbolic of his lifelong dedication to learning and service. Today, his legacy endures — not only in scientific institutions but in the minds of millions he continues to inspire.

Based on your understanding of the passage, answer the following questions: (5 × 1 = 5)

- i. Which theme is most subtly woven throughout the passage about Dr. Kalam's life and work?**
- a) conflict between science and politics (1)
 - b) balance of humility with greatness
 - c) importance of military strategy
 - d) pursuit of fame through power
- ii. What can be inferred about Kalam's character based on his continued engagement with students after becoming President?** (1)
- a) preferred formal roles over interactive ones
 - b) sought recognition through public lectures
 - c) valued nurturing the next generation
 - d) was bound by protocol in all his public appearances
- iii. The autobiography *Wings of Fire* is best described as _____.** (1)
- a) political critique of India's education system
 - b) scientific manual with technical illustrations
 - c) personal and inspirational narrative
 - d) tribute to global space missions
- iv. Identify the word in the passage that most closely means 'essential' or 'central.'** (1)
- a) accolades
 - b) approachable
 - c) pivotal
 - d) modest
- v. Choose the antonym from the passage for the word 'distant' as used in the sentence.** (1)
He always remained distant from common people.
- a) grounded
 - b) modest
 - c) visionary
 - d) integrity

Q2. You are Riya/Rohan of 56, Lakeview Apartments, Pune. You recently visited a historical monument with your family. Write a letter to your friend Samira, describing the visit, what you learned about its history and architecture, and how it helped you appreciate your country's heritage. (100–120 words) (3)

Q3. Fill in the blanks with the most appropriate option:

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

The students had to bring (i) _____ project materials by Monday. However, only (ii) _____ of them remembered. The teacher looked (iii) _____ the register and marked attendance. The remaining students promised to submit theirs (iv) _____ the week.

- | | | | |
|-----------------|------------|----------|-----------|
| i. a. much | b. some | c. any | d. many |
| ii. a. little | b. few | c. all | d. most |
| iii. a. through | b. under | c. at | d. onto |
| iv. a. within | b. between | c. below | d. across |

Q4. Fill in the blanks with the most appropriate option:

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

The museum had a (i) _____ collection of paintings. Visitors walked (ii) _____ the corridors, observing each piece with admiration. A group of students sat quietly (iii) _____ a guide who explained the exhibits in detail. The walls were painted in (iv) _____ shades that complemented the artwork.

- | | | | |
|----------------|------------|------------|------------|
| i. a. dull | b. vibrant | c. gloomy | d. average |
| ii. a. under | b. across | c. through | d. beside |
| iii. a. around | b. across | c. beside | d. near |
| iv. a. bright | b. noisy | c. dark | d. shadowy |

Q5. Read the given extract to attempt the questions that follow.

What though we toss at the fall of the sun where the hand of the sea-god drives,
He who holds the storm by the hair, will hide in his breast our lives.

i. What does the phrase "the hand of the sea-god drives" imply about the sea?

(1)

- a) calm and inviting
- b) gentle force of nature
- c) powerful and uncontrollable
- d) follows the command

ii. What emotion is reflected in the poet's belief that the sea-god 'will hide in his breast our lives'?

(1)

- a) fear of danger
- b) confidence in divine protection
- c) indifference to fate
- d) uncertainty about survival

Q6. Why was Rajam impressed with Swaminathan during the team-naming discussion?
(Answer in 30-40 words) (2)

Q7. What motivated Newton to question the existing theories of light by Aristotle and Hooke? (Answer in 30-40 words) (2)

Q8. How does the poem show that maps are more than just geographical tools?
(Answer in 30-40 words) (2)

Q9. Why does Driscoll initially hesitate to look around after waking up on the final day?
What does this reveal about his emotional state? (Answer in 50-60 words) (3)

Activity:

Q10. Design a postcard from any of the two lessons 'Coromandel Fishers' or 'Maps'. (2)

- Draw the scene on the side of the card
- On the other side
- Write a short message describing your experience.

Subject: Hindi

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

2 कार्य स्वच्छ, शुद्ध एवं स्पष्ट लेख में कीजिए।

प्रश्न 1 गद्यांश को ध्यानपूर्वक पढ़कर दिए गए प्रश्नों के उत्तर दीजिए— (1x5=5)

कहा गया है कि मनुष्य का भविष्य विश्व के सभी देशों के विकास के साथ जुड़ा हुआ है। विकास शब्द के अर्थ को ठीक से समझना आवश्यक है। कुछ विद्वानों का मानना है कि विकास का अर्थ है— वृद्धि, बढ़ोतरी, एक से दो होना। पहले घोड़े पर चलते थे लेकिन आज मोटर गाड़ी आ गई है— ये विकास नहीं क्योंकि आप पदार्थ को एक से दूसरे में परिवर्तन कर रहे हैं। विकास तो किसान करते हैं— एक बीज से अनाज पैदा करते हैं, जानवर अपने अवशिष्ट से मिट्टी को उपजाऊ बनाते हैं। खिड़की, खाट आदि की लकड़ी को ज़रूरत के समय जलाया जा सकता है, परंतु प्लास्टिक व लोहे से बनी चीज़ें मोबाइल, फ़िज़ आदि केवल पदार्थ का बदला हुआ रूप हैं, ये विकास नहीं। ऐसा विकास हमारी प्रकृति को दूषित कर रहा है। यह विनाश है। दूसरी ओर कुछ लोग यह भी मानते हैं कि आगे बढ़ना ही विकास है। नई- नई खोजें, नई तकनीक तथा नई योजनाएँ ही किसी देश को आगे बढ़ाती हैं। विकास के कई आयाम हैं—मानसिक विकास, आर्थिक विकास, आध्यात्मिक विकास और सामाजिक विकास। आज मनुष्य विकास के मार्ग पर बढ़ते- बढ़ते विनाश के कगार पर पहुँच गया है। अतः यह चिंता का विषय है।

(i) विद्वानों के अनुसार विकास का क्या अर्थ है?

- (क) बीज से अनाज पैदा करना
- (ख) नई-नई खोज करना
- (ग) प्लास्टिक से चीज़ें बनाना
- (घ) वृद्धि, बढ़ोतरी, एक से दो होना

(ii) आज के समय में मनुष्य विकास के कारण कहाँ पहुँच गया है?

- (क) चाँद पर
- (ख) आध्यात्मिकता की ओर
- (ग) आनंद की ओर
- (घ) विनाश के कगार पर

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

कथन (A) विकास शब्द के अर्थ को ठीक से समझना आवश्यक है।

कारण (R) आज मनुष्य विकास के मार्ग पर बढ़ते- बढ़ते विनाश के कगार पर पहुँच गया है।

(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 गलत व्याख्या करता है।
(iv) विकास के कौन-कौन से आयाम हैं ?
(v) किन-किन चीजों को विकास नहीं माना गया है?

निम्नलिखित प्रश्नों के उत्तर दीजिए—

(1×5=5)

प्रश्न 2 'आज बहुत गर्मी है।' में रेखांकित शब्द क्या है?

प्रश्न 3 43, 19, 26, 48 इन संख्याओं को शब्दों में लिखिए।

प्रश्न 4 'अंगारे उगलना' इस मुहावरे का उचित अर्थ क्या है?

प्रश्न 5 'आज मेरी कक्षा में चार बच्चे अनुपस्थित थे।'—इस वाक्य में से कौन-सा शब्द संख्यावाचक विशेषण का है?

प्रश्न-6 संज्ञा के कितने भेद होते हैं?

प्रश्न-7 निम्नलिखित प्रश्नों के उत्तर दीजिए—

(1½×2=3)

(क) 'हिमालय की बेटियाँ' पाठ में नदियों के लीलाओं के बारे में क्या कहाँ गया है? आपको कहाँ-कहाँ घूमना पसंद है?

(ख) 'हम पंछी उन्मुक्त गगन के' कविता में पिंजरे में बंद पक्षियों की क्या-क्या इच्छाएँ हैं? आपके जीवन में स्वतंत्रता का क्या महत्त्व है?

प्रश्न 8 निम्नलिखित प्रश्नों के उत्तर दीजिए—

(1×2=2)

(क) महाराज शांतनु ने गंगा को कौन से वचन दिए थे?

(ख) पांडु कौन थे? उनका विवाह किससे हुआ था?

प्रश्न-9 'सच्ची मित्रता' के विषय पर दो मित्रों के बीच हो रही बातचीत को 60 से 70 शब्दों की संवाद के रूप में लिखिए।

(5×1=5)

प्रश्न-10 अनुयुक्त वस्तुओं का प्रयोग करते हुए एक सुन्दर-सा खिलौना 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 प्रश्नान् उत्तरत -

(5)

अभिमन्युः अर्जुनस्य पुत्रः आसीत् । सः पित्रा समम् अतिवीरः आसीत् । एकदा वीरः अर्जुनः युद्धाय दूरम् अगच्छत् । दुष्टाः कौरवाः तत्समये चक्रव्यूहम् अरचयन् । चत्वारः पाण्डवाः चिन्तिताः अभवन् यतः अन्य कः अपि पाण्डवः चक्रव्यूहभेदनम् न जानाति स्म । तदा अभिमन्युः तत्र आगच्छत् अवदत् च अहम् चक्रव्यूहस्य भेदनम् करिष्यामि इति । बलिष्ठः भीमः तम् अकथयत् - “त्वम् एतस्य भेदनम् कथम् करिष्यसि ? चक्रव्यूहभेदनम् न सरलम् ।” विनम्रः अभिमन्युः अवदत् - “अलम् चिन्तया ,अहम् मातुः उदरे एव व्यूहभेदनस्य शिक्षाम् प्राप्तवान् । सर्वे पाण्डवाः आश्चर्यं चकिताः अभवन् । ते अपृच्छन् कथम् इति ? सः अवदत्- एकदा पिता मातरम् चक्रव्यूहस्य रचनायाः विषये वदति स्म । तदा अहम् मातुः उदरे सर्वम् श्रुतवान् । अतः अहम् तस्मिन् विषये जानामि । युधिष्ठिरः अवदत् - “अतिशोभनम् त्वम् चक्रव्यूहस्य विषये किम् किम् अजानः ?” अभिमन्युः अवदत् - “अहम् चक्रव्यूहे प्रवेशम् जानामि ।” “किम् चक्रव्यूहात् बहिः आगमनम् अपि जानासि ?” युधिष्ठिरः अपृच्छत् । नहि ! तत् तु अहम् न जानामि परम् अहम् दुर्गमे चक्रव्यूहे सरलतया प्रवेशम् करिष्यामि सर्वान् शत्रून् हत्वा बहिः आगमिष्यामि ।

(i) कः अर्जुनस्य पुत्रः आसीत् ?

- (क) युधिष्ठिरः
- (ख) वीरः
- (ग) अभिमन्युः
- (घ) पाण्डवः

(ii) के आश्चर्यचकिताः अभवन्?

- (क) कौरवाः
- (ख) पाण्डवाः
- (ग) जनाः
- (घ) पण्डिताः

मञ्जूषा — मञ्जूषा- मीनाः , प्रसन्नाः , तीरस्थ , वृक्षाः ।

- (1) एतत् चित्रम् नद्याः अस्ति ।
- (2) अत्र अनेके सन्ति ।
- (3) नद्याम् तरन्ति ।
- (4) बालकाः सन्ति ।

प्रश्न 3 मञ्जूषायां प्रदत्तं पदानाम् सहायतया मित्रं प्रति पत्रम् लिखत । (1/2x6= 3)

मञ्जूषा- आगमिष्यति , ज्ञात्वा , तत्र , सम्पूर्ण , जूनमासे , कुशलम्

नवदिल्लीतः

तिथिः 15.06.2025

प्रिय मित्र मधुरः ,

सप्रेम नमोनमः ।

अत्र [1]----- तत्रास्तु । एतद् [2]----- भवान् अतीव प्रसन्नो भविष्यति यत्

अहम् स्वपरिवारेण सह [3]----- विदेशम् गमिष्यामि । [4]----- बहु ।

आनन्दम् [5]----- । अहम् विदेशतः आगत्य भवन्तम् [6]----- यात्रायाः

वर्णनम् करिष्यामि ।

तव प्रिय मित्रम्

नमिष्यः

प्रश्न 4 अधोलिखिते संवादे मञ्जूषायाः उचितपदानि चित्वा रिक्तस्थानानि पूरयत -

(1/2x6= 3)

मञ्जूषा — किम् , गर्जरम् , शाकम् , हरितानि, स्वास्थ्यवर्धकम् , आलुकम् ।

गौरी — तव प्रिय [1]----- किम् अस्ति ?

सुरेशः - मम प्रिय शाकम् [2]----- अस्ति ।

गौरी - तुभ्यम् [3]----- रोचते ?

सुरेशः - मह्यम् तु [4]----- रोचते ।

गौरी - शोभनम् गर्जरम् तु [5]----- भवति ।

सुरेशः - आम् [6]----- शाकानि शरीराय लाभकारी भवन्ति ।

प्रश्न 5 मञ्जूषायां प्रदत्तैः उचित अव्ययपदैः रिक्तस्थानानि पूरयत -

(1/2x4= 2)

मञ्जूषा - सह , प्रातः , श्वः , एव

- (1) सदा सत्यम् ----- जयति ।
- (2) ----- मंगलवासरः भविष्यति ।
- (3) अहम् ----- काले विद्यालम् गच्छामि ।
- (4) शिक्षकः शिष्येण ----- पाठशालाम् गच्छति ।

प्रश्न 6 अधोलिखितेषु रिक्तस्थानेषु प्रकृति प्रत्ययं संयोज्य वाक्यपूर्तिं कुरुत - (1/2x2=1)

- (1) शिशुः मातरम् ----- (दृश् + क्त्वा) हसति ।
- (2) देवः ----- (हस् + क्त्वा) कार्यम् करोति ।

प्रश्न 7 रेखांकित पदम् आधृत्य प्रश्नं निर्मीयताम् -

(1/2x4= 2)

- (1) वयम् मत्स्यकूर्मादीन् मारयिष्यामः ।
- (2) हंसी निवसतः ।
- (3) पृथिव्याम् त्रीणि रत्नानि ।
- (4) कच्छपः अन्यत्र गन्तुम् इच्छति ।

प्रश्न 8 शब्दानाम् अर्थम् लिखत -

(1/2x4= 2)

हितकामानाम् , कूर्मः , उड्डीयते , नीत्वा

प्रश्न 9 विलोमपदानाम् परस्परं मेलनम् कुरुत -

(1/2x4= 2)

- (1) क्रुद्धः स्मृत्वा
- (2) अपायः सज्जनः
- (3) विस्मृत्य प्रसन्नः
- (4) दुर्जनः लाभः

परियोजना कार्य

प्रश्न 10 कछुआ ,हंस तथा मछलियों आदि के चित्र बनाते हुए संदर पेपर वेट बनाइए ।

(5x1=5)

Subject: Mathematics

General Instructions:

- The work should be done neatly and in a systematic way.
- The given assignments are to be done in the Math notebook.

No. of questions: 10

M.M. 25

Q1) Choose the correct answer:

(1x2=2)

(i) The perimeter of a square is 48 cm. The area of a rectangle is 4 sq.cm less than the area of the square. If the length of the rectangle is 14cm, then what is its perimeter?

(a) 24 cm (b) 48 cm (c) 50 cm (d) 54 cm

(ii) Which of the following has the greatest quotient?

(a) $-20 \div (-5)$ (b) $-20 \div 5$ (c) $20 \div (-4)$ (d) $20 \div 4$

Q2) State true or false:

(2)

(i) $10\overline{8}^3$ expressed as a decimal is 10.38.

(ii) $0.2021 \times 100 = 20.21$

(iii) $7\overline{2}^1 \div 1 = 7\overline{2}^1 \times 1$

(iv) The multiplicative identity for integers is -1.

Q3) Arrange the following integers in descending order:

(2)

(i) -112, 120, 165, -150, 0, -165

(ii) 115, -151, -201, 125, -226, 242

Q4) Find the common factors of 75, 60 and 210.

(2)

Q5) Using brackets, write a mathematical expression for each of the following:

(2)

(i) Nine multiplied by the sum of two and five.

(ii) Twenty divided by the difference of seven and two.

Q6) Cost of 105 envelopes is ₹350. How many envelopes can be purchased for ₹100?

(3)

Q7) (a) Find the perimeter of a regular hexagon with each side measuring 18 cm.

(1)

(b): Write the following as fraction in lowest terms:

(2)

(i) 0.066 (ii) 0.75

Q8) In a village, every year on an average 107 children are born. In 2019, the population was 2025. It is also noticed that every year people die because of diseases and old age. Every year 20 people die because of old age and 5 persons per year die because of some diseases. Based on this information, answer the following questions:

- (i) What is the overall change in the population of the village every year?
- (ii) What was the population of that village in 2018?
- (iii) What will be the population of that village in 2025? (3)

Q9) Playing a sport is a great way for children to take a break from academics and release the pent-up energy. In class VII, out of 80 students, 20 students play table tennis, 25 students play cricket and 15 students play football. The rest of the students do not play any game. Based on the above information answer the following questions:

- (i) What fraction of students do not play any game?
 (a) $\frac{1}{8}$ (b) $\frac{20}{60}$ (c) $\frac{1}{4}$ (d) $\frac{20}{100}$
- (ii) Which fraction among the following is the equivalent fraction of students playing table tennis?
 (a) $\frac{47}{235}$ (b) $\frac{23}{69}$ (c) $\frac{19}{76}$ (d) $\frac{29}{192}$
- (iii) If the students who were not playing any game start playing cricket, then what fraction of the students play cricket?
 (a) $\frac{4}{9}$ (b) $\frac{9}{16}$ (c) $\frac{3}{8}$ (d) $\frac{5}{16}$ (3)

Activity:

Q10) Collect the data on average temperature of Delhi in the last five months and represent the data using a bar graph by choosing an appropriate scale and using colourful strips on bars.

(Do the activity in Maths lab file) (3)

Subject: Science

General Instructions:

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

1. If the pancreas stops functioning, which digestive activity will be affected the most? 1
- (a) Absorption of food in the intestine
 - (b) Secretion of bile
 - (c) Breakdown of carbohydrates, proteins, and fats
 - (d) Storage of food in the stomach

2. Rohan eats food while watching TV and often swallows without chewing properly. Over time, he experiences frequent stomach discomfort. What could be the most likely reason for his indigestion? 1

- (a) Lack of water and nutrients in the food
- (b) Food is not mixed with bile juice that helps to digest fats.
- (c) Insufficient action of saliva and breakdown of food in the mouth
- (d) Food is not digested in the large intestine

For question Q3, two statements are given- one labelled as Assertion (A) and 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 correct explanation of assertion.**
- (b) Both A and R are true, but R is not a correct explanation of assertion.**
- (c) A is true, but R is false.**
- (d) A is false, but R is true.**

- 3. Assertion (A):** Food is digested in the small intestine with the help of bile and pancreatic juices.
Reason (R): Bile breaks down proteins into amino acids. 1

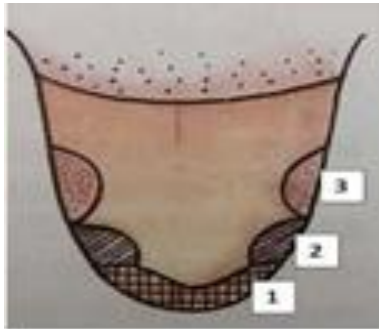
4. Sonia took some grains of boiled rice in test tube 'A' and Madhur took boiled and chewed rice in test tube 'B'. Both of them poured 1 – 2 drops of iodine solution into the test tube and observed the colour change. What colour change would they observe? Give reasons for your answer. 2

5. You and your friend Anu were eating their food hurriedly so that you could go out and play during the recess. Suddenly, Anu started coughing violently. Give reasons. 2

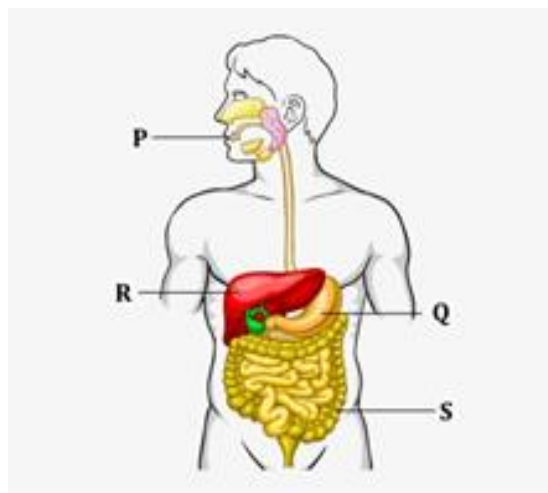
6. You were blindfolded and asked to identify the drinks provided in two different glasses. You could identify drink A as lemon juice and B as chocolate drink.
a) How could you do it in spite of being blindfolded?

b) Name the organ and identify the areas of taste 1, 2 & 3.

3



7. Your cousin cannot understand the process of digestion and the role of various organs. He showed you the following picture. Help him to identify the organs and their functions. 3



- a) Name the organs P, Q, R & S.
- b) Write the function of organ S.

8. You visited your village with your grandfather. You came across many animals like cows, buffaloes and goats. You observed that most of them are chewing something even when they are not feeding.

3

- a) What are these animals called?
- b) What are they chewing continuously?
- c) Name the carbohydrate that can be digested by them and not by us?

9. During a school field trip to the science museum, Class 7 students visited an exhibition on the digestive system. They saw a life-sized model showing food moving through the human alimentary canal. The model demonstrated how food enters the mouth, travels through the oesophagus, is churned in the stomach, broken down in the small intestine, and then exits through the anus after egestion.

a) What is the function of saliva in the mouth? 1

b) Hydrochloric acid is produced in the stomach, why doesn't it burn it? 1

c) Imagine humans did not have a small intestine. What challenges would arise in digestion and nutrition? 2

10. Make a list of five animals that you see around. Find out their feeding habits. Based on your observation fill in the following table. 5

	Feeding habit	Type of food	Animals
	licking		
	chewing		
	swallowing		
	biting/tearing		
	probing		

Subject: Social Science

General Instructions:

- The work should be done neatly and in a systematic way.
- The given Worksheets are to be done in the History notebook.
- All the Activities are to be done on a single Scrap File
- 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. Who was Dantidurga? | 1 |
| Q2. What do you understand by democracy'? | 1 |
| Q3. Define Numismatics, Manuscript. | 1 |
| Q4. What is the importance of an environment? | 2 |
| Q5. What do you mean by maharaja-adhiraja, tribhuvana-chakravartin? | 2 |
| Q6. Plants and animals depend on each other. Give a reason. | 2 |
| Q7 How did the Rashtrakutas become powerful? | 3 |
| Q8. What do you know about the military achievements of Rajaraja I and Rajendra Chola? | 3 |
| Q9. Differentiate between Monarchy and Constitutional Monarchy. | 5 |
| Q10. The structure of the earth is divided into concentric layers. Elaborate with the help of a diagram. | 5 |

Activity: Literary World of the Medieval Period



Activity:

Make a Brochure:

Choose one or two specific types of literary sources.

Here are some ideas:

- **The Impact of Travelogues:** How do the accounts of travelers like Ibn Battuta help us understand medieval India? What aspects of life did they focus on?
- **Stories of Kings:** Explore the biographies or chronicles of a specific ruler (e.g. Babur, Prithviraj Chauhan) and what they tell us about their personality, administration, and the times they lived in.

Subject: Computer Science

No. of questions: 10

M.M. 25

Recognize and name the different blocks of MakeCode Arcade.

(1x3=3)



4. **Identify which of the following variables are correct or incorrect**

(1x4=4)

- i) num_students
- ii) @variable
- iii) X123
- iv) Index#x7

5. **Choose the correct option.**

(1x5=5)

i) What is the main purpose of a flowchart?

- A. To create code
- C. To visually represent an algorithm or process

- B. To represent mathematical formulas
- D. To store data

ii) In a flowchart, arrows are used to:

- A. Show input
- C. Make decisions

- B. Connect symbols and show flow direction
- D. End the program

iii) Which of the following is true about variables in programming?

- A. Variables must always store integer values
- B. Variable names are case-sensitive
- C. Variables cannot be changed after they are assigned
- D. Variables can only store text

iv) **Which symbol is used to assign a value to a variable?**

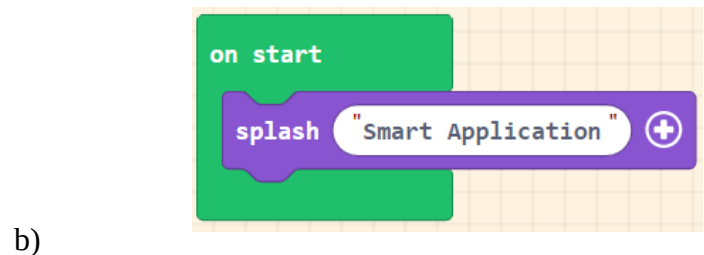
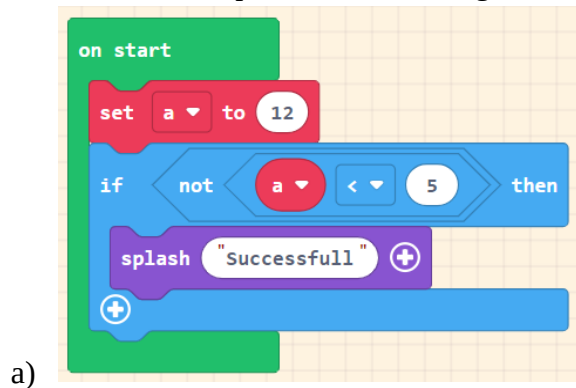
- A. ==
- C. =
- B. :
- D. !=

v) What type of data can a variable store?

- A. Only numbers
- C. Various types such as numbers, strings, and booleans
- B. Only strings of text
- D. Only boolean values

Answer the following questions

- | | |
|--|---|
| 6. What is a keyword and what is it commonly referred to as? | 1 |
| 7. Write the steps to create a variable. | 3 |
| 8. What is the use of SET TO and CHANGE BY block? | 3 |
| 9. Define comparison operator. Explain the use of a) Equal to operator b) Less than operator | 3 |
| 10. Write the output of the following block code in MakeCode Arcade. | 3 |



Activity:

Using adobe express design, a logo for cyber crime

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

Your username will be your Microsoft ID(eg:- xyz1234@stmarysschooldwarka.onmicrosoft.com)