KERALA PUBLIC SCHOOLS
ACADEMIC YEAR 2020-21
FIRST TERM – ASSIGNMENT 1

CLASS : IX

Instructions:
Assignment to be done only in the notebook.
A clear photograph of each page subject wise to be taken and saved in one's repective Google Drive.
The saved assignments to be then uploaded on one's respective Google Classroom.
Note: Uploading assignments from the Google Drive to Google Classroom is faster than uploading it directly from the phone memory or laptop.
The Google Classroom link shall be shared by the class teacher on the dates mentioned for submission of each assignment.
Assignments will not be accepted after the due date.

SUBJECT	ASSIGNMENT 1 (10 MARKS)
English Language	Q1. (a) You are the president of the dance club of your school. Your school is organizing an inter school classical dance competition. Write a Notice for your school notice board informing students about the event. (5) (b) Write an e-mail to the Principal of your neighbouring school inviting him /her for the event (mentioned in question 1 (a))and also requesting him/her to send a team of participants for the event. (5)
English Literature	Answer the following Questions: Q1. What does the word: 'in sooth' mean? Q2. What does Antonio say about his melancholic mood? Q3. Who is Antonio? Where is he? Q4. Who is Salarino? What has he to say about Antonio's melancholy? Q5. Who lives in Belmont? Why does Bassanio want to visit Belmont?

Hindi Language	प्रश्न 1. आपका मित्र एक दुर्घटना में घायल हो गया है। इस संदर्भ में अपने मित्र को एक संवेदना पत्र लिखिए तथा दुर्घटना से सम्बन्धित पूर्ण जानकारी भी लीजिए। (7)
	
	 प्रश्न 2. निर्देशानुसार वाक्य परिवर्तित कीजिए:-
	 क. एक युवा बकरी को यह बंधन पसंद नही आया। (1)
	     (वर्तमान काल में बदलें)
	 ख. साथियों ने उसे आँखों - आँखों में समझाने का प्रयत्न किया। ("कोशिश" शब्द का प्रयोग करें) (1)
	 प्रश्न 3. तद्भव शब्द लिखें:- (1)
	     आम्र, ओष्ठ

Hindi Literature	1. प्रसंग - "श्यामू पतंग के लिए बहुत उत्कंठित था।"
	 क. श्यामू ने चवन्नी का आविष्कार कैसे किया? (2)
	 ख. श्यामू ने भोला को चवन्नी देकर क्या कहा? (2)
	 ग. क्या देखकर भोला का हृदय खिल उठा? (1)
	
	 2. प्रसंग "कमरी थोरे दाम की, बहुतै उनकै काम।
	     खासा मलमल वाफ्ता, उनकर राखै मान॥
	     उनकर राखै मान, बँद जहँ आड़े आवै॥
	     बकुचा बाँधे मोट, राति को झारि बिछावै॥
	     कह "गिरिधर कविराय", मिलत है थोरे दमरी।

सब दिन राखै साथ, बड़ी मर्यादा कमरी"

क. कम्बल की क्या उपयोगिता है? समझाकर लिखें। (2)

ख. कवि का नाम लिखते हुए बताएँ कि कवि ने किसे सदा साथ रखने की बात की है, और क्यों? (2)

ग. "बकुचा बाँधे मोट" का भाव क्या है? (1)

Mathematics	Q1. Solve by substitution method: $8y - 3x + 7 = 0$ and $2x - y + 4 = 0$. (2)
	Q2. Solve: $41x + 53y = 135$ and $53x + 41y = 147$. (2)
	Q3.Solve by Cross Multiplication method: $3x + 14y = 5xy$, $21y - x = 2xy$. (2)
	Q4. The sum of a two digit number and the number formed by interchanging the digits is 132. If 12 is added to the number, the new number, the new number becomes 5 times the sum of the digits. Find the number. (2)
	Q5. Ten years ago, a father was twelve times as old as his son and ten years hence, he will be twice as old as his son will be then. Find their present ages. (2)
Physics	Q1. Name two factors on which the time period of a simple pendulum does not depend.
	Q2. Name two units of length which are bigger than metre and two units which are smaller than metre.
	Q3.A body is moving vertically upwards ,the velocity changes from 50m/s to 20 m/s in 3 sec.What is its acceleration Ans : acceleration = v-u/t $a = \dfrac{20-50}{3}$ $a = \dfrac{-30}{3}$ $a = -10$ m/s^2
	Q4. A stone and a pencil are dropped simultaneously in vacuum from top of a tower. Which of the two will reach the ground first. Give reason.
	Q5. A body starts with initial velocity 10m/s and accelerates 5m/s^2. Find distance covered in 5s.
Chemistry	Q1. An element X shows two valencies of 2 and 4. Write the formula of the two oxides of this compound. (2) .
	Q2.A metal M is divalent in its -ous state and trivalent in its -ic state. Give the formulae of its (4) (i) phosphide, (ii) sulphide, (iii) nitrite, and (iv) thiosulphate.

	Q3. Name : (2)
	  1. A carbonate which does not decompose on heating.
	  2. A nitrate which produces oxygen as the only gas.
	  3. A compound which produces carbon dioxide on heating
	  4.A nitrate which produces brown gas on heating.

	Q4. Calculate the percentage composition of Ca,Cl and Water of Crystallisation in $CaCl_2.6H_2O$. (Atomic Mass of Ca=40 ,Cl=35.5 ,O=16 and H=1) (2)

Biology	Q1.Draw a well labelled diagram of Animal Tissue. (2) Q2.Draw L.S of stem tip and state the characteristic of Meristematic tissue. (2) Q3.Draw any 2 types of Supporting tissues and give location and functions of each. (2) Q4.State the characteristics and functions each of Ribosome, Mitochondria Golgi bodies and Nucleus. (2) Q5.Give four differences Animal cell and Plant cell. (2)
History /Civics	1. "The Seals may be considered as the most valuable finds of the Harappan Civilization." - How important are the seals as sources of information about the Harappan Culture ? (5) 2. "The Constitution of India was framed by the Constituent Assembly ".In this context, answer the following questions: (i) What was the role of B.R Ambedkar in framing the Constitution ? (ii) How can we say that this body was a 'Mini India' ? (5)
Geography	Q1. Name the three concentric layers of the interior of the Earth? (2) Q2. What is the outer most layer of the earth known as? (1) Q3. What is the central layer of the Earth known as? What is its composition ? (2) Q4. Write any two characteristics of sedimentary rocks? (2) Q5. Define metamorphic rocks with example. (2)
Computer Application	Q1. Write the difference between object and a class. (4) Q2. Write any four features of Java. (4) Q3. What is the impotence of JVM in JAVA programming. (2)

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