

CLASS-IX
HOLIDAY HOMEWORK

ENGLISH

1. Fill in the blanks with the most suitable word.

Since the beginning of human existence, people (a) _____ over the world have expressed their emotions and ideas (b) _____ the medium of dance. The word 'folk' means people. Folk dances express the moods and feelings of (c) _____ common people. Different regions (d) _____ India have their own dances. (e) _____ dance is accompanied by music and songs of the region to (f) _____ it belongs.

2. The underlined words in the following passage have not been used appropriately. Replace them with the correct word.

Going up and down from one floor to another in a big mall can be (a) tired. To make things easier, most of the big malls have special stairs-stairs that move. These moving stairs are called (b) escalate. When you step on to a moving stair, the steps (c) magic appear from under the ground. They take you up to the top, then (d) disappeared again. Where do they go? The stairs are (e) actual part of a huge belt that winds around two wheels. The steps are upright when you (f) riding on them. But they flatten out when they go round the wheels.

3. Read the following dialogue and complete the report.

Doctor : How are you feeling now?

Raghu : Much better, sir.

Doctor : Are you taking the medicines regularly?

Raghu : yes, sir.

The doctor asked Raghu (a) _____. Raghu replied that (b) _____ much better. The doctor further asked Raghu (c) _____ the medicines regularly. Raghu replied in the affirmative.

4. Complete the following passage with the correct passive forms of the verbs

It (a) _____ (decide) to construct a number of flyovers at main intersections in the capital to ease the traffic flow. It (b) _____ (hope) that the problem of traffic jams at these intersections (c) _____ (solve) to a great extent.

5. Complete the dialogue in the best possible way.

Neha: Your watch is exclusive. Please tell me (a) _____

Nidhi: I bought it from a showroom (b) _____

Neha: Will you tell me (c) _____

Nidhi: Only five hundred rupees.

6. Complete the following sentences using appropriate verb forms.

Rahul -----1----- (elect) captain of the school team two years ago. He -----2----- (win) several trophies since then. Yesterday, however, he -----3----- (play) a poor game. I am sure that he -----4----- (regain) his form soon.

7. Complete the following sentences using an appropriate tense form.

1. If I had the money now, I buy a car. (will / would)

2. If you the 10 o'clock train, you could be in Mumbai by evening. (catch / caught)

3. If she English, she could get a better job. (speaks / spoke)

4. If I knew that you were coming, I buy a chicken. (will / would)

5. Eleven o'clock – it is time you to bed. (go / went)

6. I wish I more money. (have / had)

7. I would rather you home now. (go / went)

8. I if you were free this evening. (wonder / wondered)
 9. After he finished his exams, he on a foreign tour. (went / had gone)
 10. If I had gone to university, I medicine. (would study / will study / would have studied)

8. Complete the following sentences using an appropriate verb form.

1. We ----- waiting here since morning.
 2. I ----- Julie yesterday.
 3. Shyam ----- from Switzerland last week.
 4. See that you ----- on time.
 5. Susie will come only if you ----- her.
 6. I ----- to Australia recently.
 7. The doctors concluded that the woman -----died six hours ago.
 8. I ----- waiting for his call since morning.
 9. The train ----- by the time we reached the station.
 10. I ----- the newspaper every morning.

9. Complete the following sentences using the correct form of the verb.

1. I ----- (finish) cooking before the lights ----- (go) out.
 2. The patient ----- (die) before the doctor ----- (arrive).
 3. I ----- (boil) the milk before adding tea and sugar to it.
 4. He ----- (wash) my shirt before he ----- (iron) it.
 5. The farmers ----- (sow) the seeds after they ----- (plough) their fields.
 6. I ----- (ask) my friend what film he ----- (see).
 7. The farmers ----- (finish) reaping wheat before the storm ----- (come).
 8. He ----- (pay) off his debts before he ----- (die).
 9. The union leaders ----- (call) off the strike before the labour minister ----- (intervene).
 10. The sun ----- (set) before the travelers ----- (reach) their destination.

Learn these verb forms:

Base	Past Tense	Past Participle	Base	Past Tense	Past participle
Say	said	said	Make	Made	made
Go	went	gone	take	took	taken
come	came	come	see	saw	seen
know	knew	known	get	got	Gotten
give	gave	given	find	found	found
think	thought	thought	tell	told	told
become	became	become	show	showed	shown
Leave	left	left	feel	felt	felt
begin	began	begun	hold	held	held
keep	kept	kept	write	wrote	written
hear	heard	heard	mean	meant	Meant
meet	met	met	run	ran	run
speak	spoke	spoken	Pay	paid	paid
lie	lay	lain	lead	led	led
read	read	read	grow	grew	grown
fall	fell	fallen	Send	sent	sent
build	built	built	break	broke	broken
draw	drew	drawn	rise	rose	rosen

10. Fill in the blanks using suitable words from the box. There are two extra words.

When people speak of pollution, they generally mean pesticides, acid rain, and chemicals (1)..... into rivers. They rarely allude to noise which proved to be a major source of pollution. As a result, governments have done their best to (2)it. They have built barriers to protect houses from the sound of traffic and have also (3) radios in public places and issued laws against people who disturb others at night. Some (4) argue that it is not noise but music. This is true, but it is extremely (5) That permanent music in someone's ears prevents any useful mental activity. Moreover, more and more people are having (6) troubles at an early age. There is no doubt, (7), that the excessive use of modern machines is responsible for people's deafness.

11. Circle the correct option.

We can see that there has been a huge price to pay for the economic (develop-developing-development) that rich countries have achieved. (because- therefore- that's why) to reach this standard of living, these countries have used a lot of natural resources and polluted the(atmosphere-ground- water). Now developing countries are trying to catch up and it seems that economic growth in countries like China or India, with their huge populations,(had to-must- might) also have a serious(affect- effect-affection) on the environment. But can we really say that poorer countries should stop developing? Obviously that wouldn't be realistic, or fair. Of course, if we want to be more (environment- environmental- environmentally) friendly we can recycle or drive cars that pollute a bit less, or even use fewer plastic bags.

12. Put the bracketed words in the correct tense or form

Many kids start smoking and believe they can stop every time they want to but in a short time they become (addict)..... to smoke and nicotine. Although, it is illegal to sell cigarettes to anyone under 16, the existing law is not being (apply) Everybody knows that smoking is dangerous and (cause/probability) lung cancer, heart attacks, bronchitis and more serious diseases but young people keep on (smoke)..... Most of the European Governments (ban)..... smoking in enclosed public places because even (non/smoke) can be at risk from what is called passive smoking. If you get caught smoking in a restaurant or pub in Dublin, for example, (obligation in the future/pay) a fine of €2,000.So, it's just not worth the risk!

HINDI

कक्षा – 9

- 1- प्रेमचंद जी द्वारा लिखित गोदान उपन्यास पढ़कर उसका मुख्य पृष्ठ चित्र सहित बनाइये एवं उसका सारांश लिखिए ।
- 2- अलंकार विषय पर परियोजना बनाइये । (फ़ाइल में)
- 3- “वाक्य भेद विषय पर एक चार्ट या मॉडल बनाइये ।
- 4- कक्षा कार्य की पुनरावृत्ति कीजिए ।

MATHS

(I) DO ALL QUESTIONS IN SEPARATE COPY

1. Find a rational number between $\sqrt{5}$ and $\sqrt{7}$
2. Write 1.2353535.....in $\frac{p}{q}$ form
3. Represent $\sqrt{10.5}$ on number line and write brief steps of construction.

4. If $\frac{\sqrt{3}-1}{\sqrt{3}+1} = a+b\sqrt{3}$, find the values of a and b.

5. If $x = \sqrt{3}+2$ then Find the value of $x^3 + \frac{1}{x^3}$

6. Find the value of $(\frac{x^q}{x^r})^{\frac{1}{qr}} \times (\frac{x^r}{x^p})^{\frac{1}{rp}} \times (\frac{x^p}{x^q})^{\frac{1}{pq}}$

7. Evaluate $\sqrt{5+2\sqrt{6}} + \sqrt{8-2\sqrt{15}}$

8. If $x = \frac{1}{2-\sqrt{3}}$ find the values of x^3-2x^2-7x+5

9. Simplify: $\frac{7+3\sqrt{5}}{3+\sqrt{5}} - \frac{7-3\sqrt{5}}{3-\sqrt{5}}$

10. Evaluate: $(\frac{81}{16})^{-\frac{3}{4}} \times \{(\frac{25}{9})^{-\frac{3}{2}} \div (\frac{5}{2})^{-3}\}$

11. If $2^x \times 4^x = (8)^{\frac{1}{3}} \times (32)^{\frac{1}{5}}$

12. Find the remainder when $4x^3-3x^2+4x-2$ is divided by $x-2$

13. Factorise: $2x^2-7x-15$

14. Show that 2 and $\frac{1}{3}$ are the zeroes of the polynomial $3x^3-2x^2-7x-2$. Also, find the third zero of the polynomial

15. Find the value of 346^2-345^2

16. Find the value of k, if $x+k$ is the factor of $x^3+kx^2-2x+k+5$

17. If $P(x) = x^2-4x+3$ then evaluate $P(2)-P(-1)+P(\frac{1}{2})$

18. Factorise: $9(x-2y)^2-13+4(x-2y)$

19. Given $x+2$ is a factor of the polynomial $f(x) = 3x^3+ax^2+4x+b$ and it leaves the remainder -5 when divided by $x-3$, find the values of a and b.

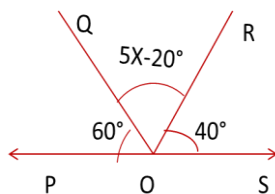
20 Write $(x+2y)^3$ in expanded form.

21. If $x+y+z=0$, then what is the value of $x^3+y^3+z^3$

22. The measure of an angle is 8 times its complement. Find the angles

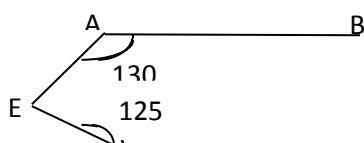
23. Two supplementary angles are in the ratio 3:7. Find the angles.

24. In the given figure, POS is a line. Find QOR



25. If one of the angles of a triangle is 75° , find the remaining two angles if their difference is 35°

26. In the given figure $AB \parallel CD$, then what is the value of $\angle AEC$?



C

D

27. The angles of a triangle are in the ratio 2:3:4. Find the largest angle of the triangle.

28. The side BC of $\triangle ABC$ is produced in both the directions. Prove that the sum of two exterior angles so formed is greater than 180

29. If the bisectors of a pair of alternate angles formed by a transversal with two given lines are parallel, prove that given lines are parallel.

30. In $\triangle ABC$ $B=45^\circ$, $C=55^\circ$ and bisector of A meet BC at point D. Find $\angle ADB$ and $\angle ADC$

(II) MAKE A MODEL TO SHOW THE FOLLOWING PROPERTIES

1. Square root spiral using thread (Group -1)

2. Sum of four angles of a quadrilateral is 360° (Group -2)

3. A city using geometrical shapes (Group-3)

4. Any one algebraic identity (Group-4)

5. Prepare a pie chart for daily activities (How much time you spent during the day in the following headings (a) school (b) home work (c) play (d) sleep (e) watching TV (f) others (Group-5)

6. CSA of Cylinder (Group-6)

SCIENCE

- 1) Make a short note on 'Journey of life' of given scientists (any two) with pictures Newton, Archimedes, A. Lavoisier, John Dalton, Robert Hooke.
- 2) Plan to go to a place by a vehicle. Take readings of odometer and speedometer after every five minutes, till you reach your destination. Record these observations in tabular form; Plot graphs between distance-time and speed-time.
State whether this motion is uniform or non-uniform and other inferences.
- 3) Prepare a working model for science exhibition on any of the following topics and prepare a report on it on white chart or A-4 sheets.
 - a) Wild life sanctuaries and their security.
 - b) Endangered animal species- Steps of recovery, scientific methods or any other feature.
 - c) Methods to purify water/ water conservation in daily life.
 - d) Unwanted climate change and its control
 - e) Sustainable cities- Zero waste, use of 5 R's Principle, use of renewable sources or any other idea.
 - f) Any model on Robotics.
 - g) Any other topic related to energy conservation.

SOCIAL SCIENCE

Geography (make separate project file)

1. Make project on the human preparedness to tackle a natural disaster

Write:

What is it?

Where and how it occurred?

Safety measures

Immediate action to be taken

Topics:

Floods-----roll no 1 – 10

Cyclones-----roll no 11 – 20

Landslides-----roll no 21- 35

Economics

1. In your region, talk to two labourers. Choose either farm labourer or worker at construction sites .What wages do they get? Are they paid in cash or by other means? Do they get work regularly? Are they in debt?
2. Talk to some old residents in your region and write a short report on the changes in irrigation and changes in production methods during the last 30 years.

History

1. Write the important dates and events taken place in the French Revolution mention in Ch.1.
2. Learn and Write all the important terms of Ch.1.
3. Write a Note on the Declaration of Rights of Man & Citizen.
4. Write a Note on the Declaration of Rights of Woman & Citizen.
5. Write in brief the summary of French Revolution and mark the epic centres of French Revolutions on the outline map of France.
6. a) Make a project on Pastoral Communities of India.(Roll No. 1 to 12)
b) Pastoral Communities of Africa. (Roll No. 13 to 24)
c) Collect the pictures and make a collage on Pastoral Communities of India & Africa.
(Roll No. 25 onwards.....)

Civics

1. Prepare a model of
 - (a) Supreme Court
 - (b) Parliament House
 - (c) Rashtrapati Bhawan
2. Draw the interior of the Lok Sabha on a Chart showing the well treasury benches and opposition benches (To be divided R.No. wise)

ART & CRAFT

Poster making :- Folk Art /Tribal Art / Painting on Full Sheet

COMPUTER

1. Collect information about Malware, Spyware, Spam, Backup and Recovery tools write in about 200 words in computer notebook.
2. Revise the syllabus taught for periodic test - 1.