



EDUCATE.EMPOWER.TRANSFORM

RK INTERNATIONAL SCHOOL



HOLIDAY

Homework

2026-27

CLASS-XII

Explore.
Learn.
Create.
Have Fun!



Make
memories
that last
a lifetime!



HOLIDAY HOMEWORK SESSION 2026-2027

SPIRITUAL & LIFE SKILLS ACTIVITIES

Activity: Reading a Holy Scripture

Objective

- To foster spiritual growth and self-reflection.
- To develop reading, comprehension, and critical thinking skills.
- To understand and appreciate the moral, ethical, and life lessons conveyed through sacred texts.
- To encourage the application of positive values in daily life.

Instructions

1. Read any one holy scripture of your choice (e.g., the Bhagavad Gita, Ramayana,, Mahabharat, Bible, Quran, Guru Granth Sahib, etc.).
2. Read the text carefully and reflect on its teachings, messages, and values.
3. After completing the reading, prepare a brief summary highlighting the key messages and your personal learning.
4. Record an audio presentation (2–3 minutes) summarizing the scripture and sharing your reflections.
5. Upload the audio recording to the link shared with you.

<https://drive.google.com/drive/folders/1INIKrQg76opsun9yO7MHeRiRtm4H5-Ub?usp=sharing>

ENGLISH LITERATURE

Candidates will be required to undertake one written assignment of 1000-1500 words, which should be structured as given below:

A. The written assignment must be given a title in the form of a question which should allow the candidate to explore the drama or the chosen short stories/poems in depth.

B. The written assignment must follow the structure given below:

- **Introduction:** - Explanation of the question that has been framed - Reason for choosing the text - Brief explanation of how the candidate intends to interpret the chosen text and literary materials used in the process
- **Main Body** – organised and well-structured treatment – of the question using appropriate sub-headings.
- **Conclusion** – comprehensive summary of the points made in the main body.

As part of your English holiday homework, you are required to prepare a **project file** during the summer break. **Suggestions for Project Topics (Choose any one)**

Word limit - 1000 - 1500 words

Marks:10

1. Analysis of a theme from any short story/ poem in the prescribed text.
2. Analysis of a character from any short story/ drama in the prescribed text.
3. Background - historical, cultural, literary context and relevance of the writer / poet chosen.
4. Summary/paraphrase of the chosen text.
5. Appreciation of literary qualities of a chosen text.
6. Identifying with a character in the chosen text and presenting his /her personal perspective.
7. Writing a short story based on a poem.
8. Comparing and contrasting two characters / themes from different short stories/poems of the prescribed texts.

ENGLISH LANGUAGE

Writing Skills

A piece of written work of about 500 words must be produced. List of suggested assignments for Project Work:

1. The text of a brochure
 2. A product description
 3. A process description (e.g. instruction to operate a device, a recipe, a scientific experiment)
 4. Description of a sporting event
 5. An autobiographical experience
 6. Review of a television serial
-

MATHEMATICS

Prepare A Project File on the following Topics:

SECTION - A (ONE FILE)

1. Inverse Trigonometric Functions **OR**
2. Relations & Functions

SECTION - B (ONE FILE)

1. Vectors **OR**
 2. Three Dimensional Geometry
-

PHYSICS

Prepare a file and working model from the following given topics:

Working Model topic	Project file Topic
1. Charging and discharging capacitor	1. Combination of cells
2. Wheatstone bridge	2. Refracting telescope
3. Full wave rectifier	3. Gold leaf apparatus
4. Reverse Biasing	4. KVL & KCL
5. Half wave rectifier	5. Photo electric effect
6. Transformer	6. Compound microscope
7. Self induction	7. Potentiometer
8. Zener Diode	8. Reflecting telescope
9. Forward biasing	9. Nuclear reactor

CHEMISTRY

Complete Your Project File from the following topics:

1. Ethanol as a biofuel and the industrial preparation of alcohols.
2. Coordination compounds and the application of coordination compounds in industry.
3. Electrochemical cells and their applications.
4. Solutions and colligative properties
5. Nucleic Acid: DNA and RNA-their structure, unique nature, importance in evolution, and their characteristic features.
6. Amino Acids: Peptides, structure and classification, protein structure and their roles in the growth of living beings.

7. Amines and the medical importance of amines.
8. Coordination compounds and their applications
9. Chemistry in medicines and drugs
10. Corrosion and its prevention
11. Conductance of electrolytic solutions.

The written assignment must follow the structure given below: (Evaluation Criteria)

- 1. Introduction/ Purpose**
- 2. Contents**
- 3. Analysis/ Material Aid(graph, data, structure, piecharts, histograms, diagrams, etc.)**
- 4. Presentation**
- 5. Bibliography**

ECONOMICS

Prepare A Project File on the following Topics:

Topic 1 :- Prepare file on Government Budget

Topic 2 :- Prepare file on National Income

ACCOUNTANCY

Prepare a Project file on the following topics (two projects from any topic covered in theory)

1. Preparation of Journal/sub-division of journal, Ledger, Trial balance and Financial Statements of a partnership form of business on the basis of a case study.

- i)** Develop a case study showing how two or more friends decide to come together and start a business with a certain amount of capital.
- ii)** Prepare their Partnership Deed including interest capital, partner's salary. commission, interest on drawings, interest on partner's loan and rent paid to a partner.
- iii)** Write in detail, their transactions during the year: purchases cash and credit, sales - cash and credit, expenses, purchase of fixed assets and depreciation charged on them, any outstanding expenses, prepaid expenses, accrued income, drawing bills of exchange, accepting bills payable etc.
- iv)** From this case study developed (which should have at least 15 transactions), pass the journal entries, post them into the ledger, prepare a Trial Balance and the Trading and Profit and Loss Account, Profit and Loss Appropriation Account and Balance Sheet.
- v)** The various expenses, for comparison purposes, could be depicted in the form of bar diagrams and pie charts.
- vi)** Calculate relevant accounting ratios like liquidity, solvency, activity and profitability giving their formulae and computation (all this could be part of the viva-voce).
- vii)** The ratios could also be shown graphically and/or pictorially (bar diagrams and pie charts) and if possible, could be compared with the ratios of the industry.

2) Preparation of a Cash Flow Statement with the help of audited/unaudited/imaginary Balance Sheets of a company for two consecutive accounting years or two consecutive quarters of an accounting year could be taken along with at least five additional information (depreciation, purchase/sale of fixed assets, dividend paid/proposed, tax paid/ proposed, amortization of intangible assets, profit or loss on sale of fixed assets including provision for depreciation on them and profit or loss on sale of investment).

i) The results of the operating, investing and financing activities could be shown graphically and/ or pictorially (bar diagrams and pie charts).

3. Preparation of Common Size and Comparative Income Statement and Balance Sheet of a company by taking into account its audited, unaudited/ imaginary financial results of two consecutive quarters of an accounting year or of two consecutive accounting years.

i) The comparison has to be made in the form of Common Size and Comparative Income Statement and Balance Sheet.

ii) The comparison could also be shown graphically and/ or pictorially (bar diagrams and pie charts).

The structure of the file should be something like this:

Front page: (containing name, class, Board Roll number, and subject name)

Certificate & Acknowledgement:

Index:

Main Content: This should include accounting calculations, proper formats, pie charts and theory.

Conclusion:

Bibliography:

Consists of around 20 to 30 each project handwritten pages.

In Accounts, the complete homework and revision to be done are:

Chapter 1: Fundamentals – Complete in your note book

Chapter 2: Goodwill Complete in your note book

Chapter 3: Admission – Questions 1 to 60 Complete in your note book

BUSINESS STUDIES

In B.STs, the complete homework and revision to be done are:

Chapter 1 to Chapter 6 Complete in your note book

Prepare a Project file on the following topics (two projects from any topic covered in theory)

- 1) Analyse the recruitment process in any two companies of your choice. List the loopholes if any and give suggestions for improving the process. (You may also make a comparative study of the recruitment process).
2. Evaluate the selection process of any two firms from the corporate world and discuss their benefits and drawbacks vis-a-vis each other.
3. Study any two business organizations (one Multi National Company and one Indian Company) with regards to their Policies of Compensation (Increment policy, Incentive policy, Bonus and reward policy, retirement benefits).
4. Consider any two successful business leaders. Give a brief account of their leadership styles. Explain the impact of their leadership styles in the achievement of the organizational goals of their respective organisations.
5. Make a comparative study of any two E-Businesses in terms of their Nature, Size, Products and Services offered, Functioning and Policies.

The structure of the file should be something like this:

Front page: (containing name, class, Board Roll number, and subject name)

Certificate & Acknowledgement:

Index:

Main Content: This should include accounting calculations, proper formats, pie charts and theory.

Conclusion:

Bibliography:

consists of around 20 to 30 each project handwritten pages

PHYSICAL EDUCATION

FILE: GAME OF SPECIALIZATION

Select any two game from the followings:

Athletics, Badminton, Basketball, Cricket, Football, Handball, Hockey, Tennis, Volleyball.

The Content of the file as follows:-

1. Discuss in detail the History of the game.
 - a. International History
 - b. National History
2. Explain the Fundamental Skills of the game.
3. Labelled Diagram of the Ground/Court/Arena of the game.
4. Describe the rules and regulations of the game.
5. Write down the Sports Personalities of the game
 - a. International Players
 - b. National Players
6. Sports Awards
 - a. Arjun Award
 - b. Dronacharya Award
 - c. Major Dhyan Chand Khel Ratna Award
7. Terminologies related to the game.

GEOGRAPHY

Project Work (Assignment):

30 marks

Local field surveys on any one of the following will be submitted as a Project Report. These surveys should be organized with a table of contents, sample taken and statistical methods used, interview schedule. The report should be organized systematically, and the conclusions should be clearly stated.

(i) Agricultural land use survey. Choose a district or topographical map of an area 1: 250000 and make a sketch map showing land use; compare the patterns of these. Alternatively, a local village could be chosen and the fields mapped from the cadastral map with information on the crops grown in different seasons and the location of the village, its roads and landmarks, if any.

(ii) Household survey of about 30-60 households of a village or locality. Family size, age structure, educational background, occupation, involvement of men and women in economic activity, educational service. Draw conclusions to reflect the economic development of the households.

(iii) Amenity study. Study of hospitals in a city, schools (school where you studied), post offices, municipal zones within the city (blocks in a village study) – reasons for travel (based on importance and demand for the place), travel time, travel distance, mapping the hinterland of the service.

POLITICAL SCIENCE

Candidates will be required to undertake one project which may be any one of the following: 20 Marks

List of suggested topics for Project Work

Given below is a list of suggested topics for Project work, along with guidelines

1. Judicial Activism – two case studies in which the Judiciary has safeguarded the environment or human rights.
 - Reason for selection of the topic.
 - Framing the Research Question.
 - Hypothesis.
 - Define Judicial Activism and the need for Judiciary to intervene in the work of Legislature and Executive and other matters of social concerns
 - Positive role played by Judiciary in this direction to be highlighted with the help of two case studies based on environmental protection or safeguarding human rights.

• Student's perception of the concept

• Valid suggestions for reforms in Judiciary

2. Public accountability of Civil Servants in India– Is it a myth or a reality?

• Reason for selection of the topic.

• Framing the Research Question.

• Hypothesis

• Meaning of Public accountability of Civil Servants to be explained.

• Positive and crucial role of public servants in a democracy.

• Loopholes in the existing bureaucratic set up.

• Inferences can be drawn about Public accountability being a myth or reality from various sources like print/electronic media, film review, documentaries.

BIOLOGY

1. Prepare a project file from the given topics (name mentioned)

PROJECT FILE

STUDENTS NAMES

1. Genetics Disorder

Shubham saxena

2. Role of Microorganism in industries

Pari chauhan

3. Drug addiction and community

Poorvi ghanshal

2. Prepare a 3D MODEL in the given topics.

MODEL

STUDENTS NAME

1. L.S of Hibiscus

Shubham saxena

2. Plasmodium cycle

Pari cahuhan

3. HIV cycle

Poorvi ghanshal

SUPW

Project Work (Assignment) One topic as an assignment.

• Spirituality, Science and Society:

(i) The co-relation and need for balanced appreciation for sustainable social order.

(ii) The emergence of higher consciousness and higher spiritual commitments for meaningful living.

(iii) Scientific dimensions of spirituality.

(iv) Emerging society promoting contradictions and paradoxes.

• North-South dialogue:

(i) Unequal distribution of economic wealth.

(ii) Exploitation of world governance; instruments for enhancing the North-South divide.

(iii) Labour practices in the creation of wealth. Child labour, women labour, bonded labour. Low wages and economic activity in India and a selected western country.

(iv) Towards practices enhancing sustainability of world trade practices.

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- United Nation's declaration for the rights of women, minorities and the child.
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A critical understanding of the enshrined articles related to child, women and minorities rights.

2. Building People

*Privatisation vs Nationalization.

*The need for governments to govern and leave economic activities to the people; role of NGOs.

*Generation of financial resources to meet governmental expenses.

*Impact of privatisation on economic development with specific reference to Insurance, Telecommunications, Railways and Electricity

3. Science and Technology

*Animal and human aggression:

(i) Human and non-human signals of aggression.

(ii) Weapons devised by man for offence and defence.

(iii) Nuclear weapons, control on weapons manufacture, sale to foreign powers.

(iv) Technology does it make war more or less likely?

*Science and Technology as change agents:

(i) Effect of scientific developments on our lives at work and at home.

(ii) Business on net e-commerce, its feasibility and implications.

*Cosmology and space research:

(i) Current theories about the origins of the universe.

(ii) Probability of existence of Extra Terrestrial Intelligence.

*Emergence of new technologies and their appreciation:

(i) Non-Digital and Digital technology.

(ii) Communication technology.

(iii) Information technology.

Biodiversity, Genetic Engineering and Cloning.

Ecology, exploitation of natural resources.

Interdependence of species and ecosystem and consequences of disturbing this equilibrium.

4. Dilemmas

Patent Laws and their implications.

Intellectual copyrights ethical and moral dimensions.

HISTORY

Candidates will be required to undertake one project on any one of the following history topics from the 20th -21st (till 2012) centuries.

Politics – leadership, domestic policy, foreign policy.

Military – any war: causes, course and consequences.

Strategies & tactics. Technology. Outcome: peace settlements.

Economy – economic policy: terms and impact. Currency, communication, trade.

Agriculture and industry. Society & culture – Traditions, food, clothing, festivals, role and status of women, education, art, architecture, sculpture, music, dance, literature.

Religion – philosophy, ideas, beliefs, practices impact.
