



St. Mary's School, Dwarka
Holiday Homework
Std. XII
Week 1
Worksheet 1

Subject: English

General Instructions:

- 1) The work should be done neatly and in a systematic way.
- 2) The given questions are to be done in the English notebook.
- 3) Attempt questions based on specific instructions for each section.

Q1. Read the following passage carefully.

1. Faith in progress is deep within our culture. We have been taught to believe that our lives are better than the lives of those who came before us. The ideology of modern economics suggests that material progress has yielded enhanced satisfaction and well-being. But much of our confidence about our own well-being comes from the assumption that our lives are easier than those of earlier generations.
2. The lives of the so-called primitive peoples are thought to have been harsh-their existence was dominated by the incessant quest for food. In fact, primitives did very little work. By contemporary standards, we'd have to judge them as very lazy.
3. The key to understanding why these 'stone-age people' failed to act like us-increasing their work effort to get more things-is that they had limited desires. In the race between wanting and having, they had kept their wanting low and, in this way, ensured their own kind of satisfaction. They were materially poor by contemporary standards, but in at least one dimension-time- we have to count them richer.

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

- a) What is the basis for progress and growth according to the writer?
- b) What does the writer attribute to modern economics?
 - i. Our lives are better than our ancestors.
 - ii. The material progress leads to higher satisfaction and well-being
 - iii. The lives of earlier generations were easier and simple.

iv. The primitive people were lazy.

c) The primitive people lived a life of_____.

d) What is the key to understanding the primitive peoples' behaviour according to the passage?

e) How does the writer appreciate the primitives?

Q2. You need a software engineer for your organisation. Look for an advertisement published in the newspaper under the classified column, cut and paste. (2)

Q3. Sun View Public School, Delhi is organizing a one-act play competition in the month of June, in the school auditorium. You have decided to invite noted stage artiste, Saran Marar, B- 20, Hauz Khaz, New Delhi, to grace the occasion and be the chief Guest. Write a formal invitation(letter) to her in 50 words. You are Kavita/Kanav, the Cultural Secretary of your School. (3)

Q4. Write a letter to the Editor of National Herald, New Delhi about water scarcity in your locality suggesting ways to improve the position of water supply. You are Ramnath/ Reema of Ghaziabad. Word limit: 150-200. (5)

Answer the following questions in 30-40 words each. (2x3=6)

Q5. Discuss the significance of the tigers as symbols in "The Tiger King".

Q6. What does the phrase 'familiar ache' mean? (My Mother at Sixty Six)

Q7. How does M. Hamel pay tribute to the French language?

Answer the following question in 120- 150 words: (4x1=4)

Q8. How does "The Tiger King" explore the tension between tradition and progress?

Subject: Economics

General Instructions:

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

- Q1. What are externalities? Give an example of a positive externality and its impact on welfare of the people. (2)
- Q2. Explain the expenditure method of estimating National Income. (2)
- Q3. Explain how 'distribution of Gross Domestic Product' is a limitation in taking Gross Domestic Product as an index of welfare. (2)
- Q4. Give the meaning of factor income to abroad and factor income from abroad. Also give an example of each. (2)
- Q5. Explain how 'non-monetary exchanges' are a limitation in taking domestic product as an index of welfare? (2)
- Q6. Distinguish between domestic product and national product. When can domestic product be more than the national product? (3)
- Q7. Explain why subsidies are added to and indirect taxes deducted from domestic product at market price to arrive at domestic product at factor cost? (3)
- Q8. How will you treat the following while estimating domestic product of India? Give reasons. (3)
- i. Rent received by a resident Indian from his property in Singapore.
 - ii. Profits earned by a branch of an American Bank in India.
 - iii. Salaries paid to Koreans working in Indian embassy in Korea
- Q9. Is net export a part of NFIA? Explain. (3)
- Q10 Distinguish between Real Gross Domestic Product and Nominal Gross Domestic Product. Which of these is a better index of welfare of the people and why? (3)

Subject: Mathematics

General Instructions:

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

(INVERSE TRIGONOMETRIC FUNCTIONS)

Each question carries 4 marks.

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| Q1 | Find the principal value of $\sin^{-1}\left(\frac{1}{2}\right)$ and $\sin^{-1}\left(\frac{-1}{\sqrt{2}}\right)$. |
| Q2 | Find the principal values of $\cos^{-1} \frac{\sqrt{3}}{2}$ and $\cos^{-1} \left(-\frac{1}{2}\right)$. |
| Q3 | Find the principal values of $\cot^{-1} \sqrt{3}$ and $\cot^{-1} (-1)$. |
| Q4 | Evaluate each of the following : (i) $\sin^{-1}\left(\sin \frac{\pi}{3}\right)$ (ii) $\cos^{-1}\left(\cos \frac{2\pi}{3}\right)$ (iii) $\tan^{-1}\left(\tan \frac{\pi}{4}\right)$ (iv) $\sin^{-1}\left(\sin \frac{2\pi}{3}\right)$ (v) $\cos^{-1}\left(\cos \frac{7\pi}{6}\right)$ (vi) $\tan^{-1}\left(\tan \frac{3\pi}{4}\right)$ |
| Q5 | Prove that : $\sin^{-1} \frac{12}{13} + \cos^{-1} \frac{4}{5} + \tan^{-1} \frac{63}{16} = \pi$ |
| Q6 | Prove that $\sin^{-1} \frac{3}{5} - \sin^{-1} \frac{8}{17} = \cos^{-1} \frac{84}{85}$ |
| Q7 | Evaluate the following : (i) $\sin^{-1}(\sin 10)$ (ii) $\sin^{-1}(\sin 5)$ (iii) $\cos^{-1}(\cos 10)$ (iv) $\tan^{-1}\{\tan(-6)\}$ |
| Q8 | Simplify each of the following : (i) $\sin^{-1}\left(\frac{\sin x + \cos x}{\sqrt{2}}\right), -\frac{\pi}{4} < x < \frac{\pi}{4}$ (ii) $\cos^{-1}\left(\frac{\sin x + \cos x}{\sqrt{2}}\right), \frac{\pi}{4} < x < \frac{5\pi}{4}$ |

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| Q9 | Prove that : $\sec^2(\tan^{-1} 2) + \operatorname{cosec}^2(\cot^{-1} 3) = 15$ |
| Q10 | Prove that : (i) $\sin[\cot^{-1}\{\cos(\tan^{-1} x)\}] = \sqrt{\frac{x^2 + 1}{x^2 + 2}}$ (ii) $\cos[\tan^{-1}\{\sin(\cot^{-1} x)\}] = \sqrt{\frac{x^2 + 1}{x^2 + 2}}$ |

Subject: Physical Education

General Instructions:

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

- Q. 1. Planning means.... 1
- (a) To participate in games (b) To win
(c) To decide in advance (d) None of these
- Q. 2. Staffing means..... 1
- (a) To appoint the employees (b) To select the employees
(c) Coaching of employees (d) All of these
- Q. 3. is the administrative operation of specifying grouping tasks. 1
- (a) Planning (b) Staffing
(c) Organising (d) Directing
4. What do you mean by knock-out tournament? Draw the fixtures of 23 teams on knockout basis. 5
5. What do you mean by knock-out tournament? Discuss the advantages and disadvantages of knock-out tournament. 5
6. What do you mean by intramurals? Mention the significance of intramurals for school children. 5
7. What do you mean by extramural? Elucidate the significance of extramural. 5
8. What exercises children under 5 years of age must do? 5
9. What exercises adults under 18–64 years of age must do? 5
10. What exercises people living with chronic conditions must do? 5

Subject: Geography

General Instructions:

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

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| Q. 1 | As a field of study what would you include in the extensive reach of geography? | 1 |
| Q. 2. | Geography as a discipline has developed dualism. Write the nomenclature used for the dualism. | 2 |
| Q.3. | Which school of thought employed the Marxian theory? | 2 |
| Q4 | What does human geography study? | 2 |
| Q5 | “Nature and human beings are so intricately intertwined that they cannot be separated.” Justify the statement. | 3 |
| Q6 | What do you mean by ‘Dualism in Geography?’ | 3 |

OR

| | | |
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| | Whether geography as a discipline should be a law making/theorising or descriptive? | 3 |
| Q7 | Differentiate between Determinism and Possibilism. | 3 |
| Q8 | How does technology loosen the shackles of environment on human beings? Explain with examples. | 3 |
| Q9 | Explain naturalization of humans. | 3 |
| Q. 10 | Explain the scope and nature of human geography | 3 |

Subject: Psychology

General Instructions:

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

- Q1. A person having a _____ sets a standard for guiding her/his actions in life and for judging others. 1
- Q2. _____ refers to an individual's underlying potential for acquiring skills. 1
- Q3. Aditya has to interview, a famous politician on a live T.V. show. Which is the most appropriate type of interview he can use? 2
- Q4. Why is emotional intelligence receiving increasing attention of educators? 2
- Q5. Describe key feature of the case study method. 2
- Q6. Angad has been the topper in a class. He went to the topmost college, where he was neither sensitive to his own self or to others. This led to problems in interpersonal relationships with reference to his condition. Explain the importance of the emotional intelligence in his life. 2
- Q7. Think of an international conflict. Suggest conflict resolution strategies for the same. 3
- Q8. Explain the competencies of Indian notion of intelligence. 4
- Q9. How is aptitude different from intelligence? Explain how the PASS model helps us in understand intelligence. 4
- Q10. Explain the relationship between creativity and intelligence. 4

Subject – History

General Instructions:

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

1. Who was John Marshall? How did he mark a change in the Indian archaeology? 1
2. Mention the two sections of the Harappan settlements and give one main feature of each. 1
3. What is the evidence found by the archaeologists which shows that the Harappans had contacts with distant lands? 2
4. What are the aspects of the Harappan economy that have been reconstructed from archaeological evidence? 2
5. 'One of the most distinctive features of the Harappan cities was the carefully planned drainage system.' Elaborate. 2
6. Why do archaeologists and historians find Harappan script enigmatic? Explain reasons. 3
7. 'Early Harappan archaeologists thought that certain objects which seem unusual and unfamiliar may have had a religious significance'. Substantiate. 3
8. Explain the strategies for procuring materials by the Harappans for craft production. 3
9. Mention any two changes that were observed after 1900 BCE in Harappan Civilisation. What could have brought these changes? Explain. 3
10. What are the aspects of Harappan economy that have been reconstructed from archaeological evidence? 5

Subject: Political Science

Objective: - To enable the students to know about the inventions of new concepts in world politics and constitution of India.

- To develop 21st century managerial skills of co-ordination, self-direction and time management.
- To understand contemporary political issues in context to our past.

To develop a global perspective and an international outlook.

Research Activity: - Research and collect the information on recent revolution of political ideas in the world and India, in the following areas.

- Comparison between NITI Aayog and Planning Commission and their contribution in India's Development.
- Health Epidemic – A new source of security threat

Assignment: - Project Work

Project Ideas

- Various media platforms used during political campaigns.
- Strategic planning of Indian Policy Makers.
- Human Rights acts and its ratification in India.
- Political Impact on Indian Legislations.
- Political Impact on India's international standing.
- Indian political stand on United Nations General Assembly 2022.
- Relevance of SAARC as a forum of regional cooperation.
- Division of Germany with special focus on the construction and dismantling of the Berlin wall.
- CIS- Central Asian Republics.
- Arab Spring
- Crisis in Middle East with special focus on Operation Desert Storm, Operation Iraqi Freedom, Iraq today.
- European Union and BREXIT.
- BRICS
- India's Nuclear Policy.
- U.S. dominance in World politics in the Post-Cold War era.
- India's role in Non Aligned Movement.
- Civil Society Movements - Role and participation in India.
- Relevance of the United Nations in a Unipolar World.
- Understanding Resource Geopolitics and Environment degradation
- India's external relations -Critical analysis of the foreign policy of India especially with its immediate neighbours (Pakistan, China, Srilanka, Nepal, Myanmar)
- Popular movements in the Post-Independence era and their outcomes.
- Project on the role played by the regional aspirations in backing the secessionist and insurgency movement in India
- India's response to ASEAN as a dialogue partner.

GUIDELINES FOR THE PROJECTS:

It must be emphasized that the process of doing the project is as important as the final project. Once the project/projects are chosen, there should be a process of brainstorming to make out a draft/structure for the project before embarking on research.

Internet sites could be referred, but care must be taken in selecting, using and citing these sites. Avoid plagiarism

Marks to be awarded for content and originality and not for decorative elements and embellishments.

Projects must be the original work of the student.

Project may be supported by- Data, fact sheets, maps, articles, newspaper clips

Maximum of 25-30 page projects.

General Instructions:

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

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| Q.1 | State two arenas of Cold War along with example of each. | 2 |
| Q.2 | What is Globalisation? | 2 |
| Q.3 | Mention the kinds of reforms that the UN is facing today. | 2 |
| Q.4 | What is security? | 2 |
| Q.5 | Which two republics had violent secessionist movements in Russia? | 3 |
| Q.6 | What is NATO and when it was established? | 3 |
| Q.7 | What do you understand by the 'bandwagon' strategy? | 3 |
| Q.8 | What are the objectives of ASEAN Economic Community? | 3 |
| Q.9 | Write a short note on Belgrade summit. | 5 |
| Q.10 | Describe arm control treaties. | 5 |