

# SPRINGFIELD PUBLIC SCHOOL



## HOLIDAY HOMEWORK CLASS – XII (Humanities and

Commerce)

**Subject -English**

General instructions:

- Write the answers as per specific instructions in English holiday homework notebook
- Complete the Project file

### 1. Reading

Mankind's experience of various evolutionary changes from primitive times to the present day has been extensive and varied. However, man's problems were never before as complicated as they seem to be today. Man's economic activity centers primarily on factors of production; its role, therefore, has been given a lot of importance. It should be useful to have an overall view of the economic history of

man – from the nomadic times to the modern factory system – and study its relevance to the various labour problems of today.

Initially, man passed through 'the hunting and fishing stage'. During this period, his basic needs were adequately met by Nature. Wild animals, birds and fruits satisfied his hunger and his thirst was

quenched by the waters of springs and rivers. Caves gave him shelter and barks of trees were used as clothing. During this stage of man's progress, labour problems did not exist because of the absence of any economic, political and social system.

Then came 'the pastoral stage', which was marked by a certain amount of economic activity. The nomadic and migratory nature of man persisted, and, together with his goats and cattle, he moved on

to fresh pastures and meadows. Some conflicts would sometimes take place among herd owners, for during this period, the institution of nominal private property ownership was not known.

This stage paves the way for 'the agricultural stage' during which the class system began to develop. There was a small artisan class mostly self-employed; and there were also landed properties or

Zamindars as well as slaves. Thus, arose the feudal system. During the fourth stage of these developments, 'the handicrafts stage', a number of social and economic changes took place which marked the beginning of the labour problem in the world. The self – sufficient economy of the village underwent a drastic change. The community of traders and merchants emerged.

**Based on your understanding of the passage, answer the questions**

- (i) Humanity's evolution from nascent stage to the contemporary one has been:
- (ii) "Man's problems were never before as complicated as they seem to be today," means:
- (iii) Why does the author say that labour problems did not exist during 'the hunting and fishing stage'?

(iv) "The pastoral stage was marked by a certain amount of economic activity."  
How?

(v) Which word in the passage means 'surfaced'?

- vi) What were the consequences of Feudal system?  
 (vii) Arrange the following stages in the right order:  
 (A) Handicraft stage (B) The hunting and fishing stage  
 (C) Pastoral stage (D) The agricultural stage  
 (viii) What is the theme of the above passage?  
 (ix) From the nomadic time to the modern time \_\_\_\_\_ system has undergone radical change.  
 (x) Write the synonym of the word 'emerged'

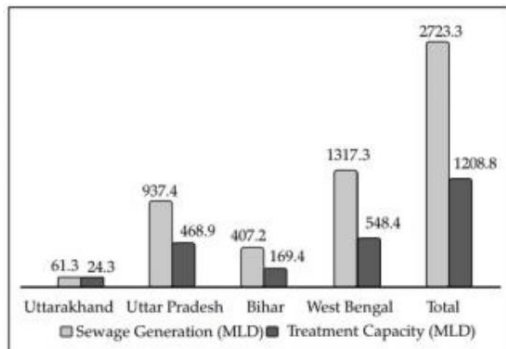
2. Read the following passage.

The Ganges is one of the largest rivers in Asia. It rises in the Himalayas and flows over 2500 km through India and Bangladesh into the Bay of Bengal. However, the Ganges, India's holy river, is also one of the most polluted in the world. The Ganges River basin has a size of over 1 million square km. It lies in one of the most populous regions on earth.

About 500 million people, half of India's overall population, live in the Ganges river plains. There are many causes of Ganges river pollution. About 2 million Hindus bathe in the river every day. During religious ceremonies, up to a hundred million people clean their sins away in the Ganges River. They believe that bathing in the river will make them pure. In addition, thousands of bodies are cremated near the river, especially around the holy city, Varanasi. The ashes are often released into Ganges.

The Ganges also provides water for farming land, which is increasing at a tremendous rate. Irrigation projects cause water levels to go down along the river. More and more dams are being erected along India's holy river, mainly to produce energy for Delhi and other large cities in the area.

The river flows through 30 cities with a population of over 100,000 each. Every day, 3 billion liters of untreated water from these big cities pass into the Ganges River, along with remains of animals.



1: A case Study of Causes of Ganges River Pollution.

Because of India's lax environmental regulations, industries along the river release chemicals and other poisonous material into the Ganges. In some places they are a thousand times over the allowed limit.

Especially India's traditional leather industry needs great amounts of water. In addition, fertilizers from the fields find their way into the ground water, and ultimately flow into the river. Altogether, the amount of Industrial pollution has doubled in the past 20 years.

This widespread pollution of the Ganges River has also led to major health problems. Many diseases are common, including cholera, hepatitis and diarrhea.

While India's population keeps growing, more and more people are leaving the countryside and moving to big cities along the Ganges. As a result, the river will not be able to cope with even more people.

Life in the river is also at risk. Recent reports have shown that there is high a level of mercury in some fish. The construction of dams is destroying forests and vegetation, killing off many animals and plants. India authorities are fighting an upward battle towards cleaning up Ganges River. International organizations have offered help. The World Bank has agreed to give India a loan of up to a billion

dollars to clean up the Ganges River.

**Based on your understanding of the passage, answer the questions**

(i) From which of the neighbouring countries, the Ganges flows through into the Bay of Bengal?

(ii) How many people (in million) clean their sins away in the Ganges River?

(iii) According to the passage, which disease is not common due to the widespread pollution of the

Ganges River?

(1) Cholera (2) Influenza (3) Hepatitis (4) Diarrhoea

(iv) According to the passage, which industry in India needs great amount of water?

(v) Which International organization has agreed to give India a loan of a billion dollar to clean up the Ganges River?

(vi) The bar graph shows that the River Ganges has got polluted badly. The sewage treatment plants had been established. What is the relationship between the sewage generation and treatment capacity?

(vii) What poisoning is found in some fish in the river Ganges?

**Writing**

**3. An NGO 'Health for All' organised a health check- up camp in a slum at Pune .You are Ruchika/ Raunak , and you visited the camp.Write a report, covering arrangements such as registration, check-up, tests carried out etc.**

**4)You are Dhruv / Nidhi, Student Editor of your school magazine, 'The Buds'. Write a notice in not more than 50 words to be placed on your school notice board, inviting short stories, articles, poems etc from students of all classes for the school magazine**

Literature

**5)Answer the following questions in 40-50 words each:**

**a. How was M.Hamel's class different the day Franz went late to school?**

**b. How does M.Hamel prove to be an ideal teacher?**

**c. Why did Kamala Das promise to her mother of a meeting in the near future?**

**d.Why was the poet brought in the image of merry children spilling out of their home?**

**Project file**

**Choose any one topic for English Project file**

1)Evolving food tastes in my neighbourhood.

2)Overuse of digital devices

3)Analysis of a theme from any short story/poem in the prescribed texts.

4). Analysis of a character from the drama or any short story/poem in the prescribed texts.

- 5) The Psychology of Self Motivation (Podcast)
- 6) Mental wellness is as important as physical fitness.
- 7) Interview of Dr. A.P.J. Abdul Kalam
- 8) Impact of online classes on senior students
- 9) Listen to a podcast or a TV documentary of your choice and prepare a Project.
- 10) Comparing and contrasting two characters/themes from different short stories/poems of the prescribed texts
- 11) Students can create their own video/ Audio, after writing a script. Before they decide a format, the following elements can be taken into consideration:
  - Theme/topic of the audio / video. Can pick a current issue or something artistic like theatre.
  - the elements that need to be part of the script.
  - the video/audio must have an interview with one or more guests.
  - Improvise while chatting with guests, or work from a script.
  - the duration.

**The Project-Portfolio must include the following:**

- Cover page, with title of project, school name, details of students. (Name of the student, Class, Section, Session, Roll number-Board)
- Acknowledgement
- Statement of purpose/objectives/goals
- Certificate of completion under the guidance of the teacher.
- Action plan for the completion of assigned tasks.
- Materials such as scripts for the theatre/role play, questionnaires for interview, written assignments, essays, survey-reports and other material evidence of learning progress and academic accomplishment.
- The 800-1000 words essay/Script/Report.
- Student/group reflections. (Conclusion)
- If possible, Photographs that capture the positive learning experiences of the student(s).
- List of resources/bibliography.

**General instructions**

1. Project should be written in neat handwriting.
2. Take care of paragraphing, punctuation marks and spellings. Paragraphs should be indented.
3. Use neatly covered file.
- 4.. Page sequence should be strictly followed.

**Subject -Political Science**

**WORKSHEET**

**CHAPTER :- CHALLENGES OF NATION BUILDING**

- Q 1. Explain the following :-
- a. 26 Jan. 1950 -
  - b. 1 Oct. 1950 – 1953 -
  - c. 1 Jan. 1956 -
  - d. 1 May 1960 -

- e. 1 Dec 1963 -
- f. 1966 -
- g. 25 Jan. 1971 -
- h. 1972 -
- i. 1987 -
- j. 2000 -
- k. 2 June 2014 -

Q.2. Which two languages were spoken in Bombay state before it was divided in 1960 ?

Q. 3. Why were the states re – organized on linguistic basis in India in 1956 ?

Q.4. Whose speech was known as tryst with destiny ?

Q.5. Name the states which decided to remain independent in place of joining India.

Q.6. Name the movement which demanded the separate province for Andhra region ?

## **II. Short Answer type Questions :-**

Q.7. Why did Amritsar and Kolkata became communal Zone ?

Q.8.What is WSF ?

Q.9. Which state got divided on bilingual basis ?

Q.10. Name the leader who played a historic role in negotiating with the rulers of princely state to join the Indian union?

Q.11. What is meant by two – nation theory?

Q.12. What was the basis of the report of states Reorganisation commission?

Q.13. Name any four Princely states that resisted their merger with the Indian Union?

Q.14. How many Princely states Consisted at the time of independence of India?

Q.15. What was meant by Princely states?

Q.16. Mention any two consequences of the partition of India in 1947?

Q.17. Explain the role played by Sardar Patel in the integration of Princely states into the Indian Union?

### III. Long Answer question :-

Q.18. Explain the circumstances that led to the accession of Hyderabad to India ?

Q.19. Highlight any four major consequences of the partition of India in 1947 ?

Q.20. How was the Princely state of Manipur acceded to India ?

Q. 21. Describe briefly any four problems faced in the process of partition of India?

Q. 22. Word meaning :-

- a) Two – Nation theory :-
- b) British Indian Provinces :-
- c) Razakars :-
- d) Nizam :-

### Subject - Music

Raga:- listen aaroh , avroh and pakad then find out song based on raga bhairav

Tala:- listen jhaptala bool listen different songs based on it.

Riyaz:- riyaz of practical of alankar, kan and Gamak.

### Subject -physical education

- Prepare fixtures for :-
  - 11 teams on the basis of knockout tournament
  - 23 teams on the basis of knockout tournament
  - 14 teams on the basis of knockout tournament
  - 22 t 23 teams on the basis of knockout tournamen1
  - 13 (in which 4 teams are seeded) on the basis of knockout tournament
  - 11 teams under league tournament(staircase method)
  - 13 teams under league tournament(staircase method)

6 teams under league tournament(staircase method)  
7 teams under league tournament(cyclic method)  
9 teams under league tournament(cyclic method)  
5 teams under league tournament(cyclic method)

- **Learning work:-**

1. Planning in Sports:- planning, organising, staffing, directing, controlling, planning in sports ,objectives of planning, tournament, types of tournament.
2. Sports Nutrition: balanced diet, nutrition, types of food, components of diet, eating for weight control, pitfalls of dieting, food myths ,food intolerance, diet for sports person.

### **SUBJECT – FINE ARTS**

2 landscape painting and learn Pahari school of art.

### **SUBJECT – Accountancy**

Chapter 2,3 additional questions in your copy and assignment of chapter-partnership, change in profit sharing ratio(hard copy).

### **SUBJECT –Business Studies**

- 1) Josh Enterprises decides to have a meeting of all the key employees of different departments in the organisation. The main motive is to tell the employees to keep the target of 20% increase in sales as the main objective when they work throughout the year. The meeting is full of ideas regarding the employees and processes involved. Various plans are made to harness the potential of the employees and streamline the processes. However with the passage of a few days the external business environment checks the capability of the organisation to adapt to the situations. The company successfully comes out at the end of the year with flying colours.  
What are the various characteristics of management you can find highlighted here? Also identify the lines in which these characteristics have been highlighted.
- 2) XYZ Ltd. is a management oriented company. Time and again all the employees learn from their seniors various ways of dealing with diverse situations. They are provided training whenever required. They are also given incentives both financial as well as non financial. The result is employees see their development in the organisation. The organisation tries to behave as a responsible constituent of society and always creates good quality products. It has a very good image in the market. The training modules are superb and the employees always try to



find unique ways of providing solutions in the context of rapidly changing business environment. This has helped the organisation to adjust frequently in a very good manner.

Which importance of management is highlighted here? Also identify the lines.

- 3) Gold Land Pvt. Ltd. is a wheat producing company. Daily 5000 bags of wheat weighing 10 kg each are produced here. In comparison to the previous year there has been less number of bags produced on a per day basis. The number is around 4500 which is less than the target of 5000 set by the company. The company however has been able to reduce the costs involved in comparison to last year's spending on the production and packaging of each bag. The quality of bags has also been up to the mark.

Identify the concept of management ignored here.

- 4) A floor manager of a mall is a very good manager as he utilizes all the functions of management to minimize cost of maintenance of his area. He directs all the staff members under him to follow the targets and advises them to put their efforts in the direction of achievement of these targets. Under his guidance the employees admit that they learn a lot and are able to meet their targets. This has led to the increase in their salaries. Identify the importance of management highlighted above.

- 5) ABCD Inc. is a company which deals with providing car service at home and on road. There are different departments in this company like Human Resources, Marketing, Finance, Research & Development and Operations. The top management of the company tries its level best to synchronize the activities of different departments in the best possible manner. The result is the increased efficiency and attainment of goals. However with the passing of time the size of the company has grown and now there are many branches of this company. The synchronization has turned more important with the increase in the size of the company and the number of employees. The Departmental Heads of the company are specialists in their respective areas and the top management tries to work with them not with authority but by respecting their views on the subject. Their ego clashes are avoided to ensure smooth functioning of the organisation. Identify the concept of management highlighted above.

Write two benefits highlighted in the above paragraph of this concept.

- 6) Sagar Ltd. believes in coordination among departments and activities. The company relies heavily on professional coordination. For this the company takes steps throughout the year. Coordination is kept in mind by all the managers regardless of the level they are working at. Throughout the year the various activities are synchronized without failure. Every department ensures that within it every employee and operation is guided by the theme of proper coordination. Whenever an employee takes an action he consults others, whenever needed, thus properly contributing to his team. The process of coordination is just not

limited to the employees. Even at the departmental level the various departments use this binding force to create perfect harmony among them so that the organisational goals can be fulfilled. All the coordination that occurs in the organisation is a result of proper training and premeditated attempts by the company to get the best results possible.

The above case represents all the characteristics of coordination. Identify the lines which represent them and also name the characteristics.

- 7) Dheeraj, Neeraj and Suraj are three friends. They work in the same company. They are managers but they belong to three different levels of management. Every day they meet and discuss their work with each other. One day they were having a conversation.  
Dheeraj said, "These days I am having a lot of problems motivating the people at Shop Floor. I have decided to purchase two new machines. I know I will have to set an example by being the best leader."  
Neeraj said, "I am having problem with knowing the exact requirement of people in my department. Different policies have to be informed to the employees so that they become aware of our company's goals. I also have to coordinate with other departmental heads to know their requirements."  
Suraj said, "I have to decide for long term. I know I will be ultimately responsible for every activity. All the policies and strategies require a lot of planning before formulation."  
In the above case identify the different levels of management these three friends belong to.
- 8) In a country named Wonderland acting is considered as a profession. Whosoever has to become an actor has to read books written about acting. These books tell the nuances of acting and without reading these books one can't be considered as an actor. To judge the ability of an actor an examination is conducted and then a degree is assigned to the qualified persons who can then act in films. There is also a body which provides membership to all actors. There are about thirty thousand actors in Wonderland who are compulsorily members of this organisation.  
What are the three features of profession highlighted here? Also identify the lines highlighting these features?
- 9) Faulty works Inc. has a very dynamic Plant Superintendent, Amit, who is fond of dealing with tough situations. He is a perfectionist who believes in doing quality management. Every week he prepares a schedule which helps in minimization of wastage of efforts and time of the department. He however is upset with the cutthroat competition among the employees which is having a negative impact on the overall production. Even after all such problems he is managing the situation very well. On 26th Feb he informs his boss that the target given to him has been

achieved and with the best quality.

The best part was that still two days were remaining for the dead line to be over which was 28th Feb. However his boss was not pleased as the cost incurred by his team for the completion of project is more than the allowed limit.

In the above case find out the concepts of management violated and the concepts followed? Also tell at which level of management does Amit work?

10) Pricey Medicines was a world level medicine manufacturing company. However recently its fame had come down under the impact of resignations put forth by two of its departmental heads. These departmental heads were experts in their fields. One was leading the marketing department and the other was a scientist of repute who headed the manufacturing department. In the top level management meeting it was found that such departmental heads who were specialists in their areas can't be tackled by unity of command. They were egoistic as they were specialists.

After the meeting things started to change for the organisation as all the departments started to work with one single target of giving the company its lost fame. There was a combined effort which doubled the revenue of the organisation. A special regulation system of including every level manager was brought into action. Thus the overall functioning of the organisation was improved.

In this case a concept of management was missing. Identify it. Also identify its characteristics highlighted here.

11) Shiva Computers Ltd. is a leading company in Computer Technology and IT services. The CEO of the company attributes the success of the Company to its managerial team spirit, which have helped to handle rapid changes in technologies and to transform threats into opportunities. Like any other business enterprise profits are important for survival and growth of Shiva Computers Ltd. The management of the company believes that a satisfied employee creates a satisfied customer; who in turn creates profits that lead to satisfied shareholders. The company has a strong sense of social responsibility. It has set up many educational institutions in the field of management, engineering and computer education, in which half of the students are girls.

On the basis of the given information about Shiva Computers Ltd. answer the following a) Identify and explain the objectives of the company discussed in the above para. Also quote the lines for the identified objectives.

(b) Identify any two values which the company is trying to communicate to the society.

12) White Camel Sports Ltd. has recently given job to two employees. Rajesh work experience as Rajesh is a bit older and had worked in an MNC earlier. However both are paid equally. Every person in their department knows that Rajesh is more efficient than Suresh. Definitely they see a mismatch in the salaries and the efficiencies of the employees in the company. The marketing

department of the same company has this year set a monthly target of 10000 units of sports items to be sold. In the month of March 6000 items were sold and the deviation was 4000 units. In the month of April 8000 units were sold and the deviation was 2000 units. Despite these deviations no effort is being made to track the performance of the company to minimize the gaps.

In the above case which two functions of management have been discussed? A very important concept of management has also been overlooked. Identify it.

13) Cyclone Cycles is a leading bicycle manufacturing company. The company decides to manufacture 5000 bicycles by the end of the month. The bicycle manufacturing cost is to be kept below Rs.750 per unit. The bicycles have to be manufactured at the set toughness enduring capacity at the scale of 8 out of 10. With all these parameters in mind the company kick starts its manufacturing. By the 28th of the month the company is able to achieve the manufacturing of 5050 bicycles. The toughness endurance scale is well above 8.25 out of 10. When everything seems to have gone well the manufacturing department reveals that per unit cost of each bicycle is Rs.780.

In the above case do you think that the company has been able to achieve Effectiveness?

14) Rita is the manager of the northern division of a large corporate house. At what level does she work in the organisation?

15) Is there any difference in planning, organising, directing and controlling of various organisations such as a school, a club, a restaurant and a steel plant? To which characteristic of management is this case related?

16) Your friend is working as a worker in a company. At what level of organisation is he working? What is the name of the place/area where he is working?

17) Rama (P) Ltd. Uses environment-friendly techniques of production. Name the objective the company strives to attain.

18) Your uncle is working as marketing manager in a company. At what level does she work in the organisation? Explain any two functions he's performing.

## **SUBJECT - Economics**

1. Prepare an Anchor chart showing Economics vocabulary.

2. Make a collage showing apex banks and function of central bank
3. Complete the given assignment.

All assignment work to be done on A 4 sheet.

It should be presented in art integrated manner.

For your reference video link and example charts would be shared.

Happy Holidays ☐

Springfield public school  
 Holiday Home Work  
**MATHEMATICS**  
 Assignment work

- 1) If a matrix has 24 elements write all possible order it can have?
- 2) Define square matrix also give an examples?
- 3) What is matrix? And write all its type with given examples of each types?
- 4) If matrix  $\begin{pmatrix} 9 & 0 & 2 \\ 5 & 3 & 4 \\ 2 & 4 & 5 \end{pmatrix}$

Express it in form of sum of symmetric and skew symmetric matrix

- 5) Using elementary transformation find inverse of matrix  $\begin{pmatrix} 1 & 3 & -2 \\ -3 & 0 & -5 \\ 2 & 5 & 0 \end{pmatrix}$
- 6) Matrix A and B will be inverse of each other only if write condition here?
- 7) A Matrix  $A = \begin{pmatrix} 3 & 1 \\ -1 & 2 \end{pmatrix}$   
 Show that  $A^2 - 5A + 7I$

- 8) Define Determinant and write all its properties?
- 9) Write formula of Area of triangles when triangles whose vertices are (a, b) (c, d) (e, f)
- 10) Find area of triangles with vertices (1, 0) (6, 0) (4, 3)
- 11) If area of triangles is 35 sq with vertices are (2, -6) (5, 4) and (k, 4) then find value of k
- 12) Solve system of linear equations using matrix method  $5x+2y=4$   $7x+3y=5$
- 13) Write formula for inverse of matrix A
- 14) How we can expand Determinant in general matrix Give any example?
- 15) Matrix  $A = \begin{pmatrix} 3 & 2 \\ 1 & 1 \end{pmatrix}$  find number a and b such that  $A^2 + aA + bI = 0$

- 16) Find adjoint of matrix  $\begin{pmatrix} 1 & 2 \\ 3 & 4 \end{pmatrix}$

- 17) Write minor and cofactor of  $\begin{pmatrix} 2 & -4 \\ 0 & 3 \end{pmatrix}$

- 18) When matrix is non singular write condition?
- 19) When a matrix is singular write condition?
- 20) A matrix  $A = \begin{pmatrix} 3 & 5 \\ 6 & 7 \end{pmatrix}$   
 Verify  $A \text{ Adj}A = |A|I$  where I is identity matrix of order  $2 \times 2$