

# ARMY PUBLIC SCHOOL JORHAT

AY:2023-24



**SUMMER  
HOLIDAY**



**HOMework**

**CLASS-XII  
Humanities**





# ARMY PUBLIC SCHOOL JORHAT

CLASS: XII Humanities (2023-24)



**DATE OF SUBMISSION: 12.07.2023**



SUBJECT		
History		<input checked="" type="checkbox"/>
Geography		<input checked="" type="checkbox"/>
Political Science		<input checked="" type="checkbox"/>
Economics		<input checked="" type="checkbox"/>
English		<input checked="" type="checkbox"/>
Applied Mathematics		<input checked="" type="checkbox"/>
Physical Education		<input checked="" type="checkbox"/>
Psychology		<input type="checkbox"/>



# HISTORY

## I.HOLI DAY HOME WORK ,HISTORY, CLASS XII 2023-2024

### I.PROJECT WORK FOR BOARD.(MARKS-20)

#### FEW SUGGESTIVE TOPICS FOR PROJECTS

1. The mysteries behind the mound of dead –Mohenjo-Daro
2. An In-depth study to understand Spiritual Archaeology in the Sub-Continent
3. Buddha's Path to Enlightenment
4. Insight and Reflection of Bernier's notions of The Mughal Empire
5. An exploratory study to know the women who created history
6. "Mahatma Gandhi" – A legendary soul
7. To reconstruct the History of Vijayanagar through the Archaeology of Hampi
8. The emerald city of Colonial Era –BOMBAY
9. Vision of unity behind the first war of Independence
- 10.Divine Apostle of Guru Nanak Dev
- 11.Help, Humanity and Sacrifices during Partition
- 12.Glimpses inside Mughals Imperials Household
- 13.The process behind the framing of the Indian Constitution
- 14.The 'BrahmNirupam' of Kabir – A journey to Ultimate Reality

### GUIDELINES

1. The project must be done individually/In-groups.
  - 2.The project work can culminate in the form of Power Point Presentation/Exhibition/Skit/albums/files/song and dance or culture show /story telling/debate/panel discussion, paper presentation and so on.
  3. Students can use primary sources available in city archives, Primary sources can also include newspaper cuttings, photographs, film footage and recorded written/speeches. Secondary sources may also be used after proper authentication.
  4. Students can also select topics for the project from the text book according to their choice.
- II.In a note book paste few outline map of India and locate the areas mentioned below



### LIST OF MAPS

<b>Book 1</b>		
<b>1</b>	<b>Page 2</b>	Mature Harappan sites: <ul style="list-style-type: none"> <li>• Harappa, Banawali, Kalibangan, Balakot, Rakhigarhi, Dholavira, Nageshwar, Lothal, Mohenjodaro, Chanhudaro, KotDiji.</li> </ul>
<b>2</b>	<b>Page 30</b>	Mahajanapada and cities : <ul style="list-style-type: none"> <li>• Vajji, Magadha, Kosala, Kuru, Panchala, Gandhara, Avanti, Rajgir, Ujjain, Taxila, Varanasi.</li> </ul>
<b>3</b>	<b>Page 33</b>	Distribution of Ashokan inscriptions: <ul style="list-style-type: none"> <li>• Kushanas, Shakas, Satavahanas, Vakatakas, Guptas</li> <li>• Cities/towns: Mathura, Kannauj, Braghukachcha</li> <li>• Pillar inscriptions -Sanchi, Topra, Meerut Pillar and Kaushambi.</li> <li>• Kingdom of Cholas, Cheras and Pandyas.</li> </ul>
<b>4</b>	<b>Page 43</b>	Important kingdoms and towns: <ul style="list-style-type: none"> <li>• Kushanas, Shakas, Satavahanas, Vakatakas, Guptas</li> <li>• Cities/towns: Mathura, Kanauj, Puhar, Rajgir, Vaishali, Varanasi, Vidisha</li> </ul>
<b>5</b>	<b>Page 95</b>	Major Buddhist Sites: Nagarjunakonda, Sanchi, Amaravati, Lumbini, Nasik, Bharhut, BodhGaya, Ajanta.
<b>Book 2</b>		
<b>1</b>	<b>Page 174</b>	Bidar, Golconda, Bijapur, Vijayanagar, Chandragiri, Kanchipuram, Mysore, Thanjavur, Kolar
<b>2</b>	<b>Page 214</b>	Territories under Babur, Akbar and Aurangzeb: <ul style="list-style-type: none"> <li>• Delhi, Agra, Panipat, Amber, Ajmer, Lahore, Goa.</li> </ul>
<b>Book 3</b>		
<b>1</b>	<b>Page 297</b>	Territories/cities under British Control in 1857: <ul style="list-style-type: none"> <li>• Punjab, Sindh, Bombay, Madras Fort St. David, Masulipatam, Berar, Bengal, Bihar, Orissa, Avadh, Surat, Calcutta, Daccan, Chitagong, Patna, Benaras, Allahabad and Lucknow.</li> </ul>
<b>2</b>	<b>Page 305</b>	Main centres of the Revolt of 1857: <ul style="list-style-type: none"> <li>• Delhi, Meerut, Jhansi, Lucknow, Kanpur, Azamgarh, Calcutta, Benaras, Gwalior, Jabalpur, Agra, Avadh.</li> </ul>
		Important centres of the National Movement: <ul style="list-style-type: none"> <li>• Champaran, Kheda, Ahmedabad, Benaras, Amritsar, ChauriChaura, Lahore, Bardoli, Dandi, Bombay (Quit India Resolution), Karachi.</li> </ul>

# GEOGRAPHY

**Project work during Summer break assigned:  
\*Class XII Geography**

1. Map work given in the syllabus and
2. Geography Practical file

# Political Science

**ARMY PUBLIC SCHOOL, JORHAT  
CLASS: XII  
HOLIDAY HOMEWORK**

● **PARTITION: displacement and rehabilitation**  
**Elaborate the above statement in the context of**  
**PARTITION OF INDIA.**

● **INTEGRATED PROJECT:**

**a) The Vishal Andhra Movement**

**b) Tha Assam Agitation.**

**c) How the above two movements changed the**  
**politics of the period?**

# Economics

## PRACTICE QUESTIONS

1. Discuss the economic features of Indian economy prior to the advent of the British rule?
2. What was the aim of the policies pursued by the British during colonial rule?
3. Where was the zamindari system implemented by British in India? Discuss its features.
4. Discuss the condition of Indian agricultural sector on the eve of independence.
5. India experienced export surplus during colonial rule, then why was there drain of wealth from India during the same period.
6. The real motive behind infrastructural development in India was not to provide basic amenities to the people but to subserve various colonial interests. Do you agree? Give reasons.
7. Give some suggestions to solve the problems of small scale industries.
8. Distinguish between consumer goods and capital goods. Which of these are final goods?
9. 14. Will the following be included in gross domestic product / Domestic Income of India? 10. Give reasons for each answer.  
l) Consultation fee received by a doctor.

II) Purchase of new shares of a domestic firm.

lii) Profits earned by a foreign bank from its branches in India.

Iv) Services charges paid to a dealer (broker) in exchange of second hand goods.

11. How will you treat the following while estimating domestic product of India? Give reasons.

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.

12. State whether the following is a stock or flow:

(a) Wealth, (b) Cement production, (c) Saving of a household, and (d) Income of household.

13. Are the following included in the estimation of National Income a country? Give reasons.

I) Bonus received by employees.

II) Government expenditure on defence.

III) Money sent by a worker working abroad to his family.

IV) Profit earned by a branch of Indian Bank in London.

14. Will the following be included in gross domestic product / Domestic Factor Income of India? Give reasons for each answer.

1. Old age pension given by govt.

2. Factor income from abroad.

3. Salaries to Indian residents working in American embassy in India.

4. Compensation of employees given to residents of china working in Indian embassy in China.

5. Profit earned by a company in India, which is owned by a non-resident.

6. Profit earned by an Indian company from its branch in Singapore.

1. CBSE PROJECT to be completed as discussed in class.

# English

Students can select any one of the given topics for your English Project:

## 1. Bioterrorism (A Looming Threat) :

Links for

reference: <https://youtu.be/Faftnz8cg7E> <https://youtu.be/b6NI97v2buc> [https://youtu.be/6Af6b\\_wyiwl](https://youtu.be/6Af6b_wyiwl)

Include the following sub-headings:

- What is bio-terrorism?
- Consequences of such wars
- Measures that can be undertaken to prevent it.
- Role of youth ('Gen X') in creating a world bereft of wars. Present this sub-topic creatively. You can compose / reproduce a poem/poster to depict the same.

2. 'Understanding Kamla Das a little more'. You all have studied the poem 'My mother at 66' by Kamla Das. 'My Grandmother's House' is another poem written by the same poet- Kamla Das. Make a comparative study of both these poems by the same poet

Links for reference:

<https://www.britannica.com/biography/Kamala-Das>

<https://www.poetrynook.com/poem/my-grandmothers-house>

Include the following sub-headings in your project:

- A detailed study of the poet
  - Her life
  - Her works
  - Her style of poetry
- Comparison between the two poems. It should include-
  - The similarities
  - The differences
  - The theme in both the poems
  - Your reflections about both the poems

# Physical Education

## Holiday Homework for Physical Education : (2023-24)

### Chapter 4:

- Q1. What are the strategies to make physical activities accessible for children with special needs?
- Q2. Describe some measure you will take to ensure health and safety of children with special needs during physical education training.
- Q3. Briefly explain the types of disability and disorder in detail.
- Q4. 'There is no cure of autism, yet its problem can be reduced.' Comment.
- Q5. You see a person on the wheelchair who wants to go the second floor of the building. What will you do to help the person? (Value based question)

### CHAPTER 5:

- Q1. Raghav is studying in class 4 and his lunch box is full of junk food. He refuses to eat chapatti, rice, dal, vegetable and salad. Based on the above statement, answer the following questions: (value based question)
- I) What do you mean by balanced diet? Explain.
  - II) What physiological changes will take place in Raghav during adolescence?
  - III) Discuss the food myth.
- Q2. Describe the consideration in meal intake which should be taken before, during and after a competition.
- Q3. Vitamins are very essential for the working of the body and are divided into two groups. Explain about them.
- Q4. Diet for sports person is very important. What should be the aims of preparing diet for sportsperson?
- Q5. Discuss the Nutritive and Non-nutritive components of diet.
- Q5. Differentiate between food intolerance and pitfalls of dieting.
- Q6. Why does the weight lifters' diet include lots of protein?

### Practical File:

#### **\*\*Record File shall include:**

- **Practical-1:** Fitness tests administration. (SAI Khelo India Test)
- **Practical-2:** Procedure for Asanas, Benefits & Contraindication for any two Asanas for each lifestyle disease.
- **Practical-3:** Any one IOA recognized Sport/Game of choice. Labelled diagram of Field & Equipment. Also, mention its Rules, Terminologies & Skills.

**PRESCRIBED TEXTBOOKS (CLASS XI & XII)**

CBSE Physical Education Class XI Text Book

[https://cbseacademic.nic.in/web\\_material/Manuals/PhysicalEducation11\\_2022.pdf](https://cbseacademic.nic.in/web_material/Manuals/PhysicalEducation11_2022.pdf)



# Applied Mathematics

## SUB : Applied Mathematics

1. Order  $3 \times 3$  find  $|A^{-1}| = ?$
2. Order  $3 \times 3$  ;  $|A| = 3$  and  $|2AB| = 120$  find  $|B| = ?$
3. If  $n = 3 \times 3$  find  $|\text{Adj}(\text{Adj } A)|$  and  $|A| = 5$
4. Find the value of  $x$  if the area of  $\Delta$  is 35 square units with vertices  $(x, 4)$ ,  $(2, -6)$  and  $(5, 4)$
5. An amount of Rs 5000 is put in to three investments at the rate of interest of 6%, 7% and 8 % per annum. The total annual income is Rs 358. If the combined income from the first two investments is Rs 70 more than the income from the third, find the amount of each investment by matrix method.
6. An amount of Rs 5000 is put in to three investments at the rate of interest of 6%, 7% and 8 % per annum. The total annual income is Rs 358. If the combined income from the first two investments is Rs 70 more than the income from the third, find the amount of each investment by matrix method.
17. a) Find area of  $\Delta ABC$  whose vertices are  $A(3, 8)$ ,  $B(-4, 2)$ ,  $C(5, -1)$ .  
(b) Find equation of line joining  $A(3, 5)$  &  $B(4, 2)$  using determinants.  
(c) Find value of  $\lambda$  so that points  $(1, -5)$ ,  $(-4, 7)$  and  $(\lambda, 7)$  are collinear.

8. Solve the equations using matrix method

$$x + 2y + z = 7 ; x + 3z = 11 ; 2x - 3y = 1$$

For each problem, use implicit differentiation to find  $dy/dx$  in terms of  $x$  and  $y$ .

1)  $2x^3 = 2y^2 + 5$

2)  $3x^2 + 3y^2 = 2$

3)  $5y^2 = 2x^3 - 5y$

4)  $4x^2 = 2y^3 + 4y$

5)  $5x^3 = -3xy + 2$

6)  $1 = 3x + 2x^2y^2$

7)  $3x^2y^2 = 4x^2 - 4xy$

8)  $5x^3 + xy^2 = 5x^3y^3$

9)  $2x^3 = (3xy + 1)^2$

10)  $x^2 = (4x^2y^3 + 1)^2$

Use logarithmic differentiation to differentiate each function with respect to  $x$ . You do not need to simplify or substitute for  $y$ .

$$11) y = \frac{(5x-4)^4}{(3x^2+5)^5 \cdot (5x^4-3)^3}$$

$$12) y = (x+2)^4 \cdot (2x-5)^2 \cdot (5x+1)^3$$

$$13) y = (5x^5+2)^2 \cdot (3x^3-1)^3 \cdot (3x-1)^4$$

$$14) y = \frac{(x^2+3)^4}{(5x^5-2)^5 \cdot (3x^2-5)^2}$$

$$15) y = (3x^3-4)^5 \cdot (3x-1)^3 \cdot (5x^3-2)^2 \cdot (x+3)^4$$

$$16) y = \frac{(4x^2-5)^2}{(2x-3)^4 \cdot (5x^4-2)^5 \cdot (3x^2-4)^3}$$

## Psychology

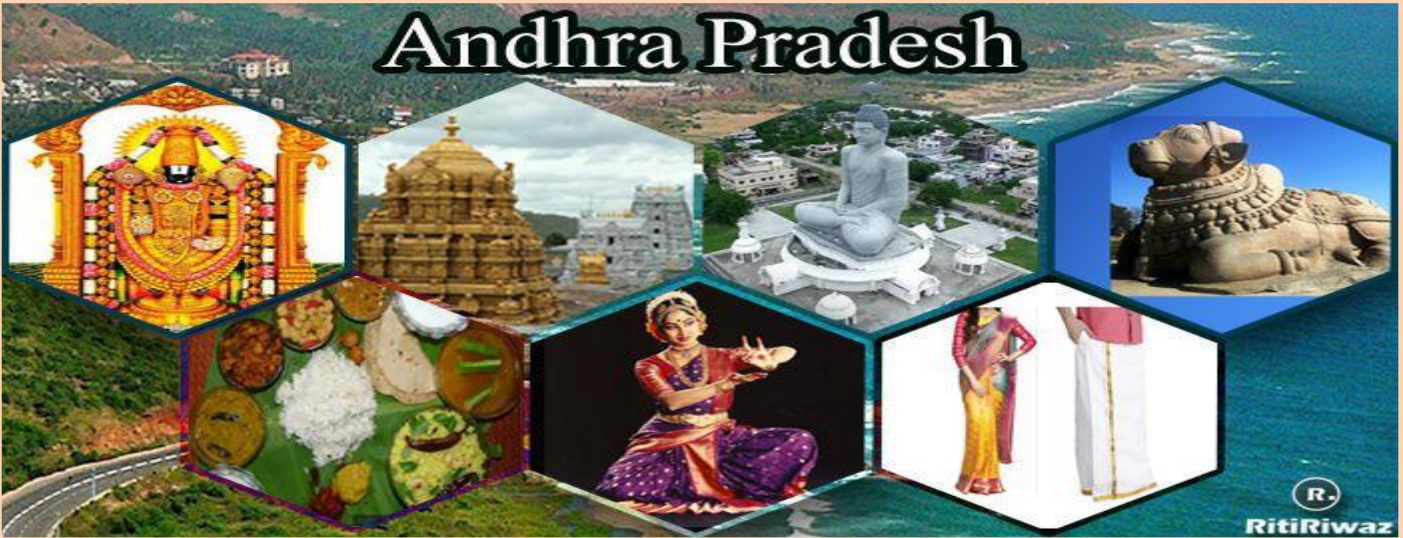
Subject- Psychology

1. Answer the following questions briefly.

- Which of the two, IQ and EQ, do you think would be more related to success in life and why?
- How is aptitude different from interest and intelligence? How is aptitude measured?
- Any intellectual activity involves the independent functioning of three neurological systems. Explain with reference to PASS model of Intelligence.

2. Write the practical report of Verbal Intelligence test.

# Andhra Pradesh



Thank You