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# Dwarka International School

## Session 2024-25

**Class-XI-Humanities**





*Full of joy is early Summer,  
Growth and warmth and golden light;  
Every day is crowned with beauty,  
Full of loveliness the night.  
Dazzling sunshine brings the roses,  
Fills the whole bright world with bloom;  
Day and night rejoice together,  
Banished now are doubt and gloom.  
-Ellwood Roberts*

Dear Students and Parents,

As we embark on the summer vacation, I want to remind you of the importance of continued learning and growth during this time away from school.

To ensure that our students remain engaged and academically stimulated, we have assigned summer vacation homework for all classes. This homework is designed to reinforce concepts learned throughout the year and to prepare students for the upcoming academic term.

I urge all students to approach their summer homework with diligence and responsibility. Completing these assignments will not only enhance your academic skills but also help you start the new school year on the right foot.

Parents, your support in encouraging your children to complete their summer homework is invaluable. By working together, we can ensure that our students continue to thrive academically.

#### GUIDELINES FOR STUDENTS

- Ensure timely submission of holiday homework after the reopening of the school.
- Try to incorporate creativity and innovation.
- Revise all the topics that have been taught by your subject teachers in the new session.
- UT 2 syllabus is provided at the end. Kindly revise.
- UT2 will commence from 22<sup>nd</sup> July 2024

Wishing everyone a productive and enjoyable summer break! Warm regards.

**DWARKA INTERNATIONAL SCHOOL**  
**HOLIDAY HOMEWORK**  
**CLASS-XI HUMANITIES (2024-25)**

**ENGLISH**

Q1. Read any one English newspaper daily and cut out the classified ads (2 each) from it and paste it in your English notebook.

- For sale ● Situation wanted ● Lost and found ● Situation vacant ● Matrimonial

Q2. Write a speech in about 120-150 words in your English notebook **on any two** of the following topics:

- a. Importance of AI in education
- b. Importance of Extracurricular Activities
- c. Importance of Integrity of Character
- d. Self-restraint is the key to a happy life
- e. Care for the Elderly is the need of the hour

Q3: Read the chapter, "The Summer of White Beautiful Horse" from Snapshots and answer the following questions:

1. Bring out the contrast between the characters of Mourad and Aram.
2. 'This was the part that wouldn't permit me to believe what I saw'. What 'part' does the author hint at?
3. What traits of the Garoghlanian family are highlighted in the story?
4. What conflicting thoughts passed through the narrator's mind on seeing Mourad on a beautiful white horse?
5. "A suspicious man would believe his eyes instead of his heart". In what context was this observation made and by whom?
6. Did the boys return the horse because they were conscience-stricken or because they were afraid?

Q4: **PROJECT WORK- INTERNAL ASSESSMENT -10 marks**

Choose anyone of the given topics.

1. Women empowerment in India: Analysing the changing role of women in society through literature and real-life examples.
2. Impact of social media on youth: Discussing the positive and negative effects of social media on young people's lives.
3. Climate change: Understanding the causes, effects, and possible solutions to the issue of climate change.
4. Cultural diversity in India: Exploring the rich cultural heritage of India and its importance in promoting unity in diversity.

Research on the topic and on the basis of the research work done/ interviews conducted, present a detailed Project Report as per the format given. Add pictures and materialistic evidences to make it more creative and presentable.

FORMAT

- a) Cover page (with school's name, Logo and session followed by student's name, class/sec., roll no., submitted by- and submitted to-)
- b) Index
- c) Certificate of completion
- d) Action Plan
- e) Material Evidences (eg. Questionnaire and photograph)
- f) Project Report-Students' reflections and learning
- g) Bibliography

Q5. Revise all the syllabus done in the Month of April and May

**UNIT TEST-2 SYLLABUS**

**ENGLISH CORE-301**

**READING SKILLS**

Case Based Passage

**LITERATURE**

**SNAPSHOTS**

CH- The Summer of the Beautiful White Horse by William Saroyan

PO-The Tale of Melon City by Vikram Seth

**HORNBILL**

CH-We're not Afraid to Die.....by Alan East

PO-The Laburnum Top (Poem) by Ted Hughes

**WRITING SKILLS**

Speech Writing

**GRAMMAR**

Integrated Grammar

**GEOGRAPHY**

1) Prepare a project /Power point Presentation of (20-25 Pages)/(15-20 slides) on any one of the following topics:-

- i) World climate and climate change
- ii) Biodiversity and conservation
- iii) Natural Hazards and disaster (any 3 disasters)

2) Complete your practical files with the following chapters: (Practical work in geography part 1)

- i) Introduction to maps (Pictures and diagrams)
- ii) Map scale

|                         |  |
|-------------------------|--|
| <b>UNIT- 2 SYLLABUS</b> | Interior of the earth<br>Distribution of oceans and continents<br>Structure and physiography |
|-------------------------|--|

**HISTORY**

1) Prepare a project of around (25-30 pages) with innovative idea and pictures for any one of the following topics:-

- i) Facets of the Industrialization in 16 -18<sup>th</sup> century
- ii) Crusades: causes, rationale, events, outcomes
- iii) Greek philosophy and city states
- iv) Different schools of thoughts – Realism , Humanism, Romanticism
- v) Aspects of development – South American states/ Central American states
- vi) History of Aborigines – Australia /America
- vii) Facets of modernization – China/ Japan /Korea

2) Prepare a power point presentation of about (15-20 slides) informative with pictures on any one of the following topics:-

- i) Ancient history in depth :Mesopotamia
- ii) Contribution of Roman Civilization
- iii) Piecing together the past of Genghis khan

|                         |  |
|-------------------------|--|
| <b>UNIT- 2 SYLLABUS</b> | <b>(Chapter 2 and 3)An empire across three continents and Nomadic empire</b> |
|-------------------------|--|

## ECONOMICS

A. Prepare a project file.

### **General Instructions:**

1. The project should be simple, brief and easy.
2. It should be handwritten. The cover page should be neat and simple in presentation. No glitters etc. should be used.
3. More credit will be given to original drawings, illustrations, mind maps and articles from magazines and newspapers.
4. It is mandatory to have case studies / questionnaires in the project but if the topic demands, it may be included.
5. The PROJECT will be evaluated for 20 marks during the FIRST TERMINAL EXAMINATION, 2024 and the marking will be done as per the CBSE guidelines given below.
6. The project carries 20 marks and the evaluation pattern will be as under, as per CBSE

| S.No. | Heading                                      | Marks Allotted |
|-------|--|----------------|
| 1     | Relevance of the topic                       | 3              |
| 2     | . Knowledge Content / Research work: 6 marks | 6              |
| 3     | . Presentation Technique: 3 marks            | 3              |
| 4     | Viva-voce                                    | 8              |
|       | Total  | 20             |

The project should contain:

- Cover Page
- Acknowledgement and certificate
- Index
- Abstract
- Content
- Conclusion
- Bibliography

(Use only A4 size sheets of light pastel colors. No floral sheets to be used.)

### **COVER PAGE**

PROJECT REPORT ON ----- (TOPIC) Submitted in the partial fulfillment of the  
project work of Class XI Economics Session: 2024 – 25By - -----  
Under the supervision of ----- (PGT Economics) -----School --  
-----

### **ACKNOWLEDGEMENT**

I would like to specially thank Ms.-----Principal of----- for her support and  
encouragement in every endeavor of ours. I would also like to express my gratitude towards my teacher ----  
----- for her extended guidance and support throughout the project work. Last but not the least I  
would like to thank my parents for their love and support. -----  
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## CERTIFICATE

This is to certify that the project report of Economics titled----- Submitted by -----  
-----of class ----- This project is to be considered as a part of practical  
exam of First Terminal Examination conducted by the School. It is a bonfide record of project work carried  
out under our guidance and supervision at -----School. The project has been  
evaluated on -----

Head of the institution's Name & Signature -----

Examiner's Name & Signature -----

**Note:** Do the Project work as assigned below:

| ROLL NO. | PROJECTS  |
|----------|---|
| 1-15     | <ul style="list-style-type: none"><li>• Opportunity cost</li><li>• Production possibility curve</li><li>• Different Market Structures and their comparison</li><li>• Monopoly</li><li>• Oligopoly – Reliance Jio as a case study.</li><li>• Monopolistic competition</li><li>• Demonetization – Its aftereffects</li><li>• Economics behind IPL</li><li>• Digitization</li><li>• Goods and Service Tax</li></ul>  |
| 16-35    | <ul style="list-style-type: none"><li>• Currency war between US and China</li><li>• NITI Aayog</li><li>• Comparison of GDP growth rate/<br/>composition – small and large states (Case<br/>study of selected states)</li><li>• Skill India Mission</li><li>• Atmanirbhar Bharat</li><li>• Agriculture in India (Punjab state as case<br/>study)</li><li>• Cooperatives in India (Amul, cooptex, India<br/>coffee house or any other)</li><li>• Crypto currency</li><li>• Make in India</li><li>• Education Sector in India</li><li>• Health sector in India</li></ul> |

**B.** Read chapter number 1 & 2 of Microeconomics and Statistics thoroughly and prepare 10 MCQs. from each (to be done in the notebook)

### NOTE: UNIT TEST -2 (SYLLABUS)

**Microeconomics** – Unit-2 ( Utility Analysis)

**Statistics for Economics** – Unit-2 Collection, Organisation & Presentation of Data

## POLITICAL SCIENCE

### PROJECTWORK

#### Suggested Topics

1. Constitution- Why and How. (Roll Nos. 1-5)
2. Elections in India. (Roll Nos. 6-10)
3. Indian Judiciary System. (Roll Nos. 11-15)
4. Social Justice: Are ethics followed in Indian Politics (Roll Nos. 16-20)
5. Fundamental Rights and Directive Principles of State Policy. (Roll Nos. 21-25)
6. Political impact on Indian Legislation. (Roll Nos. 26-35)

The project should contain:

- Cover Page
- Acknowledgement and certificate
- Index
- Content
- Conclusion
- Bibliography

#### COVER PAGE

PROJECT REPORT ON ----- (TOPIC) Submitted in the partial fulfillment of the project work of Class XI Political Science Session: 2024 – 25

By - ----- Under the supervision Ms. Prachi Nanavaty (PGT Political Science) ----- School -----  
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#### ACKNOWLEDGEMENT

I would like to specially thank Ms.-----Principal of----- for her support and encouragement in every endeavour of ours. I would also like to express my gratitude towards my teacher Ms. Prachi Nanavaty for her extended guidance and support throughout the project work. Last but not the least I would like to thank my parents for their love and support. -----  
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#### CERTIFICATE

This is to certify that the project report of Political Science titled----- Submitted by -----  
-----of class ----- This project is to be considered as a part of practical Examination conducted by the School. It is a record of project work carried out under our guidance and supervision at -----School. The project has been evaluated on -----  
-----

Head of the institution's Name & Signature -----

Internal Examiner's Name & Signature -----

External Examiner's Name & Signature -----

### Objectives of project work:

- To enable learners to probe deeper, initiate action and reflect on knowledge and skills acquired during the course of class XI
- To analyze and evaluate real world scenarios using social constructivism, a theory based on observation and scientific study
- To become independent and empowered to choose their topic and gather data from a variety of source, investigate varied viewpoints acquired during the course XI and arrive at logical deductions.
- To enquire into, and reflect on, issues independently/in collaboration with others and identify the limitations
- To develop 21st century skills of communication, cooperation, coordination, critical thinking, creativity and collaboration to produce an extended and independent work.

### Project overview:

- The Project work will be implemented for 20 Marks.
- Out of 20 marks, 10 marks are to be allotted to viva voce and 10 marks for project work.
- The project work can be in the form of films, albums, songs, storytelling, debate, Role Play, Skit, Presentation, Model, Field Survey, Mock Drills/Mock Event etc.
- 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.

### Viva-Voce

- At the end of the stipulated term, each learner will present the research work in the Project File examiner.
- The questions will be asked from the Research Work/ Project File of the learner.
- The project work submitted by the learner is his/her original work.

### The marks will be allocated under the following heads:

| SL.NO. | COMPONENTS            | MARKS ALLOTTED |
|--------|-----------------------|----------------|
| 1      | INTRODUCTION/OVERVIEW | 2              |
| 2      | VARIETY OF COMPONENTS | 3              |
| 3      | PRESENTATION          | 3              |
| 4      | CONCLUSION            | 1              |
| 5      | BIBLIOGRAPHY          | 1              |
| 6      | VIVA-VOCE             | 10             |
|        | <b>TOTAL</b>          | <b>20</b>      |

### UT- 2 SYLLABUS

1. Chapter 2- Rights in the Indian Constitution
2. Chapter 2- Freedom



## PSYCHOLOGY

A. Prepare a project file.

### **General Instructions:**

1. The project should be simple, brief and easy.
2. It should be handwritten. The cover page should be neat and simple in presentation. No glitters etc. should be used.
3. More credit will be given to original drawings, illustrations, mind maps and articles from magazines and newspapers.
4. It is mandatory to have case studies / questionnaires in the project but if the topic demands, it may be included.
5. While choosing the topic, the student should keep in mind that he can be questioned on what, when how etc. of the topic during viva.
6. By July 11th, 2024 the project has to be submitted.
7. The PROJECT will be evaluated for 20 marks during the FIRST TERMINAL EXAMINATION, 2024 and the marking will be done as per the CBSE guidelines given below.

The project should contain:

- Cover Page
- Acknowledgement and certificate
- Index
- Content (Real Examples, Real forms)
- Conclusion
- Bibliography

### **COVER PAGE**

PROJECT REPORT ON ----- (TOPIC) Submitted in the partial fulfillment of the project work of Class XI Psychology Session: 2024 – 25

By - ----- Under the supervision Ms. Radhika Sharma (PGT Psychology) ----- School -----  
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### **ACKNOWLEDGEMENT**

I would like to specially thank Ms.-----Principal of----- for her support and encouragement in every endeavour of ours. I would also like to express my gratitude towards my teacher Ms. Radhika Sharma for her extended guidance and support throughout the project work. Last but not the least I would like to thank my parents for their love and support. -----  
-----

### **CERTIFICATE**

This is to certify that the project report of Psychology titled----- Submitted by -----  
-----of class ----- This project is to be considered as a part of practical  
Examination conducted by the School. It is a record of project work carried out under our guidance and  
supervision at -----School. The project has been evaluated on -----  
---

Head of the institution's Name & Signature -----

Examiner's Name & Signature -----

**Note:** Do the Project work as assigned below:

1. Write a project on methods of enquiry in psychology as mentioned in Chapter 2 NCERT Textbook.
2. Complete Chapter 1,2 and 3 back question answers of NCERT textbook.

## **UT-II SYLLABUS**

CH-2 METHODS OF ENQUIRY IN PSYCHOLOGY

CH-3 HUMAN DEVELOPMENT

## **PHYSICAL EDUCATION**

### **A.PROJECT WORK**

#### **Suggest topics**

- Test for CWSN (any 4 items out of 27 items. One item from each component: Aerobic Function, Body Composition, Muscular strength & Endurance, Range of Motion or Flexibility)
- CWSN (Children With Special Needs – Divyang): Bocce/Boccia , Sitting Volleyball, Wheel Chair Basketball, Unified Badminton, Unified Basketball, Unified Football, Blind Cricket, Goal ball, Floor ball, Wheel Chair Races and Throws, or any other Sport/Game of choice
- Children with Special Needs can also opt any one Sport/Game from the list as alternative to Yogic Practices. However, the Sport/Game must be different from Test - 'Proficiency in Games and Sports'

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

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

Including games:Basketball,Handball,Hockey,Cricket, Kabaddi, Kho-Kho,Volleyball

#### **Guidelines:**

1. The project should be done on A4 SIZE sheet.
2. Hard copy of the Project file should be prepare individually in legible handwriting.

3. Project should not be less than 30 pages
4. Students should prepare the project on the topics allotted. It is as follows:

**B. Make proper notes of the chapter 2 and 3**

**C. Revise all the chapter completed till may**

**D. UT-2 SYLLABUS**

**Chapter-3 &4**

## MATHEMATICS

**Topic: Art integration with Mathematics**

Art and mathematics closely related in terms of reasoning skills and pattern recognition. Artists and Mathematicians, both use geometry in their work, including shapes, symmetry, proportions and measurements.

Keeping all this in mind students will do one of the following project according to their choices:

**1. Using Golden Ratio(1:1.618) create designs of different objects**

(Ref ; <https://99designs.com/blog/tips/the-golden-ratio/>)

**2. Mandala Art**

(Image for ref : <https://www.art-is-fun.com/how-to-draw-a-mandala>)

**3. Draw a portrait using Mathematical formulas.**

(Image for ref : [https://drive.google.com/file/d/1Hvtd9jDzFHfw6Miv61jB0Ta\\_5QGHjoVC/view](https://drive.google.com/file/d/1Hvtd9jDzFHfw6Miv61jB0Ta_5QGHjoVC/view))

**4. Make a project on either Chapter Sets or Relations and Functions**

**Please note the following Specifications for the above projects:**

- (i) Page 1 should have your name ,class, section and the PROJECT NAME
- (ii) Page 2 should have Certificate where you recognise the people and thank them for the help they have given you in putting this project together.
- (iii) Page 3 will be the contents page
- (iv) Page 4 should have objective
- (v) Page 5 to 9 will cover the project itself
- (vi) Please make a proper front and back cover for your project.
- (vii) Submit the project in file

## **CHAPTER – SETS, RELATIONS AND FUNCTIONS, COMPLEX NUMBERS & LINEAR INEQUALITIES**

**NOTE: Do the worksheet in your school register. Work should be done neatly.**

Q1. Write a set in a roster form:  $C = \{ x : x = 5y - 1 , y \in \mathbb{N} , y > 3 \}$

Q2. Express the set  $\{(x, y) : x + 2y = 11, x, y \in \mathbb{N}\}$  as the set of ordered pairs.

Q3. Find the value of  $2i^2 + 6i^3 + 3i^{16} - 6i^{19}$ .

Q4. Let  $P = \{5,6\}$  , find  $P \times P \times P$ .

Q5. Write all the subsets of a set  $\{3, \{2\}, 1\}$

Q6. Solve the following inequations:

$$\frac{2x+3}{4} - 4 < \frac{x-4}{3} + 2$$

Q7. The smallest set  $A$  such that  $A \cap \{1,2\} = \{1,2,3,5,9\}$  is

- a)  $\{3,5,9\}$                       b)  $\{2,3,5\}$                       c)  $\{1,2,5,9\}$                       d) None of these

Q8. Let  $A$  and  $B$  be subsets of a set , then  $A - B$  is equal to

- a)  $A \cap B$                       b)  $A' \cap B$                       c)  $A \cap B'$                       d)  $A' \cap B'$

Q9. The value of  $1 + i^{22} + i^{220} + i^{400}$  is

- a) 1                      b)  $-i$                       c) -1                      d) 0

Q10. In a city 20 % of the population travels by car, 50% travels by bus and 10 % travels by both car and bus, then

persons travelling by car or bus is

- a) 70%                      b) 80 %                      c) 60 %                      d) 40 %

Q11. The domain of  $f(x) = \sqrt{(x-1)(3-x)}$  is

- a)  $1 \leq x \leq 3$                       b)  $1 < x < 3$                       c)  $(-\infty, 1) \cup (3, \infty)$                       d)  $x \geq 1$

Q12. Let  $A = \{1,2,3,4,5,6\}$  ,  $B = \{1,3\}$  ,  $C = \{2,4,6\}$  ,  $D = \{7,8\}$  which of these sets can be replaced by  $X$  , if  $X$  and  $B$  are disjoint sets.

- a)  $A$                       b)  $B, C$                       c)  $C, D$                       d)  $B, D$

Q13. The modulus of  $\frac{(5+i)(3+2i)}{(-3-2i)}$  is

- a) 26                      b)  $\sqrt{26}$                       c)  $\frac{\sqrt{85}}{3}$                       d)  $\frac{85}{3}$

Q14. The solution set of the inequation  $3x - 4 < 0$  , when  $x$  is a real number is

- a)  $x > \frac{4}{3}$                       b)  $x > \frac{3}{4}$                       c)  $x < \frac{4}{3}$                       d)  $x < \frac{-4}{3}$

Q15. The complex number  $3 - 2i$  lies in

- a) I quadrant                      b) II quadrant                      c) III quadrant                      d) IV quadrant

Q16. If  $\sqrt{a+ib} = x+iy$  , then possible value of  $\sqrt{a-ib}$  is

- a)  $x^2 + y^2$                       b)  $\sqrt{x^2 + y^2}$                       c)  $\sqrt{x^2 - y^2}$                       d)  $x - iy$

Q17. Find the domain and range of the following function:

$$f(x) = \sqrt{25 - x^2}$$

Q18. In a survey of 5000 persons, it was found that 2800 read Indian express , 2300 read times of India and 400 read both . How many read neither Indian express no times of India?

Q19. Find the conjugate of following complex number :

$$\frac{(3 - 5i)(1 - i)}{(2 + i)(1 - 2i)}$$

Q20. If  $\alpha$  and  $\beta$  are different complex numbers with  $|\beta| = 1$  , then find the value of  $\left| \frac{\beta - \alpha}{1 - \bar{\alpha}\beta} \right|$ .

Q21. Express the following in A + iB form

$$\frac{(a+ib)^2}{a-ib} - \frac{(a-ib)^2}{a+ib} , a, b \in R$$

Q22. Find the modulus of ,  $\frac{1+\cos\theta+i\sin\theta}{1+\cos\theta-i\sin\theta}$

Q23. Find the real values of x and y if

$$\frac{(1+i)x-2i}{3+i} - \frac{(2-3i)y+i}{3-i} = i$$

Q24. If R is a relation on N the set of natural numbers , defined by ,  $R = \{ (x,y) : x + 2y = 9 \}$  .Express relation R in roster form . Find  $R^{-1}$  and range of  $R^{-1}$  .

**NOTE: 1) Make a working Model on any topic of Mathematics.**

**2) UT-2 Syllabus – Chapter 2,3,5**

### PAINTING

**Folk art on canvas.**

