

D.A.V. M.P.S. , JANTA, DISTT. , BEMETARA (C.G.)

SUMMER VACATION HOME WORK (2025-26)

CLASS XII

SUBJECT – PHYSICAL EDUCATION

Work sheet - 01

1. What do you mean by intramurals and Extramural ? Elucidate the significance of extramural and intramurals.
2. What do you mean by planning ? Elucidate the objective of planning In sports in detail.
3. What do you mean by specific sports programmes ? Explain in detail.
4. Explain any five common postural deformities.
5. Discuss the physical exercise as corrective measures for the deformities of spinal curvature.
6. What do you mean by motor development ? Explain in the motor development during childhood.
7. What do you mean by food supplement ? Describe the precautions for taking food supplements.
8. Explain the administration of AAPHER Youth Fitness Test.
9. Explain sit and Reach Test in detail.

Work sheet – 02

1. What do you mean by coupling ability?
2. What is explosive strength?
3. Enlist the types of components of physical fitness?
4. In which year the iso kinetic exercise were developed and by whom?
5. What is locomotor ability?
6. What do you mean by speed play method
7. What are pace races ?
8. What do you mean by short term and long term endurance?
9. State continuous training method in brief ?
10. Distinguish between Acceleration Run and pace Run in brief ?
11. Briefly explain the guidelines to develop flexibility ?
12. Explain the procedure of PNF technique?
13. Discuss any three types of coordinative abilities ?
14. Discuss the method to develop endurance Which is base on the principal of effort recovery and effort again ?
15. Explain Ballistic stretch and static stretch of flexibility ?
16. Define strength and discuss the method of improving strength in details ?
17. Enlist the method of training to develop physical fitness and explain any two of them details

WORK SHEET – 03

18. What do you understand by endurance ?
19. What is the meaning of physical fitness and wellness ?
20. What are the components of physical fitness ?

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21. What do you mean by planning in sports ?
22. What is a Knock out tournament ? Write two advantages ?
23. Define sport Environment ?
24. Give four example of Aerobic exercise?
25. Discuss yoga as an Indian Heritage ?
26. Write the advantages and disadvantages of friction in the field f games and sport.
27. Define yoga and explain its importance.

Unit – I physical fitness and wellness ?

1. What is the meaning physical fitness and wellness ?
2. What are recreational activities ?
3. Explain any three components of physical fitness and wellness ?
4. Explain the principal of physical development ?
5. Discuss in detail the various factors which influence the physical fitness and wellness?

Unit – ii planning in sports

1. What do you mean by planning in sports ?
2. Explain about the knock out tournament with an example?
3. Explain any two objectives of intra murals.
4. Discuss any three specific sports programmers ?
5. Enlist the committees for organizing sports even and explain any eight committees in detail.

Unit – iii yoga

1. Define yoga ?
2. Explain the role of yoga in sports .
3. Briefly mention the importance of yoga ?
4. Explain asana in detail?
5. Discuss yoga as an Indian Heritage.


Unit - iv POSTURES

1. What do you mean by correct posture .
2. Explain the causes of hypnosis and lordsis
3. Mention the corrective excesses related to knock knees and bow lege.
4. Briefly discuss flat foot .
5. Discuss the physical excesses as corrective measures for the deformities of special curvature.


SUBJECT TEACHER NAME

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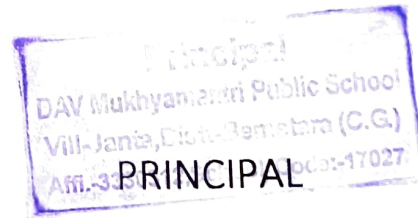
SUMMER VACATION HOMEWORK(2025-26)

CLASS – 12th

SUBJECT – ENGLISH

- (1) Make a note of taught chapter like the last lesson and lost spring
- (2) Write summary of the last lesson in analytical approach
- (3) Read your book daily at least 20 min daily
- (4) Make a presentation on figure of speech with example
- (5) Write a letter to your cousin and convincing them for a trip
- (6) Try to find new word and improve your vocabulary
- (7) Make a note on poetic and literary devices
- (8) How can English enhance our life


SUBJECT TEACHER NAME
ABHISEK DUBEY
MO. NO. – 8709873941



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SUMMER VACATION HOMEWORK (2025-26)

CLASS 12TH (COMMERCE)

Accountancy

Que 1. Complete your Notebook of chapter-2 Goodwill.

Que 2. Make a chart paper.

Que 3. Learn and write all the formula of Goodwill.

Que 4. Solve previous year question related to Goodwill.

Business Studies

Que 1. Make a chart paper.

Que 2. Read chapter 1&2 and make its notes.

Economics

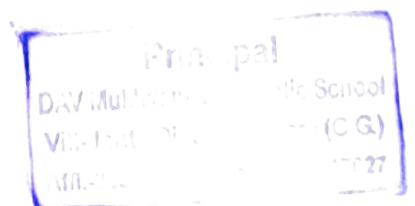
Que 1. Make a chart paper.

Que 2. Learn and write all the formula of Method of National Income.

Que 3. Read chapter-5 Money and make its notes.

Namrata Chaturvedi
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SUBJECT TEACHER NAME
NAMRATA CHATURVEDI
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DAV MUKHYAMANTRI PUBLIC SCHOOL JANTA
SUMMER VACATION HOMEWORK(2025-26)
CLASS-12TH SUBJECT- CHEMISTRY


Que 1. Complete your copy of chapter - 1 Solutions.

Que 2. Solve the previous year question paper related to solutions.

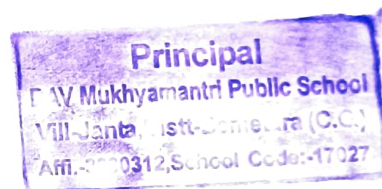
Que 3. Make a project file activity based.

Que 4. Solve Exercise Questions of chapter-1.

Que 5. Make a chart paper


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SUMMER VACATION HOME WORK
2025-26
CLASS 12 Th
SUBJECT MATHS

QUESTION 1). CHAPTER 1 MATHS COPY COMPLETED AND ALL EXAMPLE AND ALL

QUESTIONS SOLVED

QUESTION 2). ALL CHAPTER FORMULA READ AND WRITE

QUESTION 3 CLASS 11TH CHAPTER 2 TRIGONOMETRY ALL FORMULA READ AND

WRITE

QUESTION 4). CHAPTER 1 TO 4 ALL EXERCISE SOLVE AND EXAMPLE SOLVE

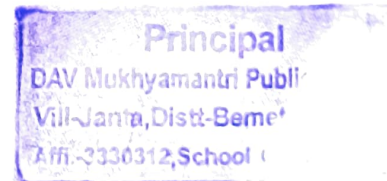
QUESTION 5 MAKE A MATHS CHART PAPER

QUESTION 6). MAKE A ANYONE MATHS WORKING MODEL

TEACHER

SUBJECT TEACHER NAME - ANIL KUMAR
MO NO - 7898775112

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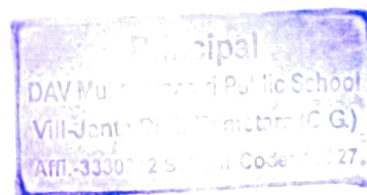


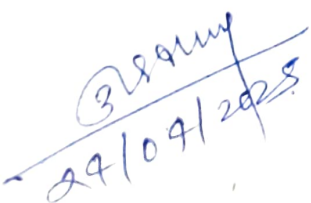
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SUMMER VACATION HOMEWORK (2025-26)
CLASS 12TH (BIOLOGY)

1. Draw a diagram of typical flower on chart paper?
2. Make a project file Topic – DNA Fingerprinting .
3. Read chapter 2 and 3 and write difficult words and write their meaning in your copy.
4. Preparation of taught chapter for monthly test .
5. Starting with the zygote ,draw the diagram of the different stages of embryo development in a dicot.
6. With a neat ,labeled diagram describe the parts of mature angiosperm embryo sac . mention the role of synergids.
7. Draw the diagram of a microsporangium and label its wall layers .write briefly on the role of the endothecium .
8. What do you mean by the double fertilization ? and explain the process ?

SUBJECT TEACHER NAME
UMESH SAHU
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29/09/2025

Home Work for Summer Vacation

- Q1 Derive an expression for electric field intensity at a point on the axial line and on the equatorial line of an electric dipole and find their ratio.
2. Two charges of $4\mu\text{C}$ are kept as shown. Find dipole moment.
 $q(0, 0, \dots, g(0, 0, 3))$
3. Force of attraction between two-point charges placed at a distance of 'd' is 'F'. What distance apart they are kept in the same medium, so that, the force between them is $(F/4)$?
charges placed at distance d apart.
4. Sketch the electric lines of force due to point charges $q > 0$, $q < 0$ and for uniform field
5. Sketch the electric field lines, when a positive charge is kept in the vicinity of an uncharged conducting plate.
6. Two-point charges $4\mu\text{C}$ and $-2\mu\text{C}$ are separated by a distance of 1 m in air. At what point on the line joining the charges is the electric potential zero?
7. Depict the equipotential surfaces for a system of two identical positive point
8. State Gauss' theorem. Apply this theorem to obtain the expression for the electric field intensity at a point due to an infinitely long, thin, uniformly charged straight wire
9. Derive an expression for torque acting on an electric dipole in a uniform electric field.
10. An electric dipole of length 2 cm is placed with its axis making an angle of 60° to a uniform electric field 10^5 N/C . If it experiences a torque of $8\sqrt{3} \text{ Nm}$, Find the following
(a) Magnitude of the charge on the dipole
(b) Potential energy of the dipole
11. Draw a plot showing variation of a) Electric field E and b) Electric potential V with distance r due to a point charge Q
12. A point charge Q is placed at point O as shown. Is the potential difference $(V_1 - V_2)$ positive, negative or zero if Q is (i) positive (ii) negative

13. Three charges $2Q$ and $-Q$, $-Q$ are kept at the vertices of equilateral triangle of side 'a'. Find the net charge on the vertex.

14. Compare the electric flux in a cubical surface of side 10 cm and a spherical surface of radius 10 cm, when a charge of $1 \mu\text{C}$ is enclosed by them.

15. Draw a plot showing variation of a) Electric field E and b) Electric potential V with distance r due to a point charge Q .

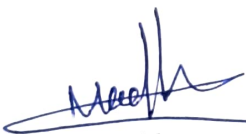
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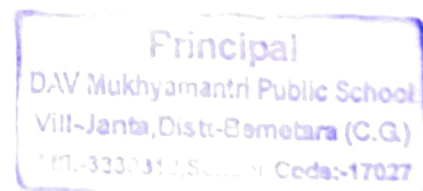
19. Any project / working model related to physics

20. To design an appropriate logic gate combination for a given truth table.


Subject Teacher : MS. Madhusmita Behera

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D.A.V. M.P.S. , JANTA, DISTT. , BEMETARA (C.G.)
SUMMER VACATION HOMEWORK (2025-26)
CLASS 12TH (I.P.)

Topic: ARTIFICIAL INTELLIGENCE

The topic must contain the following points:

- a) Introduction to Artificial Intelligence
- b) Types of Artificial Intelligence.
- c) Purpose of Artificial Intelligence.
- d) The uses of Artificial Intelligence
- e) Advantage and disadvantage of Artificial Intelligence
- f) Applications of Artificial Intelligence

Q2. Make your project on A4 sheet paper. Write information; add pictures to make it attractive or you can also draw pictures. On the first page write topic name, your name, class and section.

From second page write information about the topic. Use at least 5 pages to complete the project. Don't write information on both side of the page.

OR


Make PPT (PowerPoint presentation) on the given topic.

- 1 - Air pollution
- 2- Eco system
- 3- water conservation
- 4- Solar energy

Q3 .Type a paragraph on summer vacation and take the print of that.

Q4. Write all the shortcut keys of word on the chart

Q5. Make a presentation on various rules of typing and tips for effective touch typing practice. Take the print out of all the slides and make a file.


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