SUMMER HOLIDAY HOMEWORK/ PROJECT WORK
CLASS X
SESSION - 2024-2025

English Language

Topic for holiday homework:-
1. Ten sentences on transformation of sentences
2. Ten sentences on prepositions
3. Passage on tenses

Guidelines to be followed:-
1. The questions will be uploaded on Google Classroom.
2. Students will complete the assigned work in their respective exercise books.
3. Submission will be on 14 th of June, 2024.

English Literature

Topic for project work -

With close reference to Act 3 sc i of the play, Julius Caesar, analyse the following -
1. Julius Caesar's speech just before his assassination to portray his indomitable spirit and judicious nature.
2. Justification given by Brutus for the assassination of Julius Caesar.
3. Antony's use of rhetoric and persuasive manner to turn the tide of public opinion against the conspirators.

Guidelines for project work

1. The word limit for the project is 500 words.
2. Write the question given and answer accordingly with appropriate paragraph division.
3. The project may be typed in Word Document Or may be handwritten.
4. In case of handwritten, please ensure you use only black ink pen. The entire work must be scanned in portrait mode, converted into a single pdf and submitted on GC.
5. All submissions should be on Google Classroom.

Date of submission - 20 th of June, 2024

Mathematics

Project
Choose any chapter from the syllabus and make a power point presentation on your chosen topic

The ppt must contain the following information
- Name of the topic
- Introduction
- Practical application in real life (with lots of examples and pictures)
- Case studies- 2

- Prepare 3 questions on the given topic (The questions should be unique, thought provoking and application based)
- It's relation with other fields of study.

(Do a proper research on the topic chosen)

Date of submission: 1st July ,2024

Hindi

काकी:संवाद लेखन
काकी पाठ को संवाद के रूप में लिखिए ।
• कम से कम 15 संवाद लिखना अनिवार्य है
• विराम चिह्नों का सटीक प्रयोग आवश्यक है
• संबंधित चित्र चिपकाए
• परियोजना का आकलन निम्नलिखित शीर्ष बिंदुओं पर किया जाएगा-
भाषा-5 अंक , विराम चिह्न का उचित प्रयोग-5 अंक, वर्तनी- 5 अंक, प्रस्तुतिकरण- 5 अंक

Submission Date 3.7.24

Bengali

বাংলা পরিযোজনা
ঔপন্যাসিক সুনীল গঙ্গোপাধ্যায়ের লেখা "নীল মানুষের কাহিনী" গল্পটির বিষয়টিকে সংলাপের রূপ দাও—গল্পকথকের বক্তব্য সঠিক ভাবে প্রকাশ করবে ।
সঠিক ভাবে বিরাম চিহ্নের ব্যবহার করবে।
পরিযোজনাটি ৫০০-৬০০ শব্দের মধ্যে হওয়া প্রয়োজন।
বিষয় সম্পর্কিত চিত্র প্রদর্শন করতে হবে। হাতে আঁকা ছবিও দিতে পারো
নম্বর বিভাজন-
ভাষা - ৫, বিরাম চিহ্নের উপযুক্ত প্রয়োগ - ৫,
বানান - ৫, উপস্থাপন - ৫
পরিযোজনাটি আলোচনার তারিখ - ১৩/০৫/২০২৪
জমা দেবার তারিখ - ৮/০৭/২০২৪

History

ICSE Project
Topics:
a) Case study on the Union Parliament OR
b) Comparative study on Democracy and Dictatorship
Detailed guidelines for the projects will be posted in the GC
Date of Submission: 10.06.2024

Geography

- TOPIC: DEVELOPMENT OF TOURISM IN INDIA
  GUIDELINES:

Date of submission: 18.6.24
- · Page no 1 Topic of the project.
- · Page no 2 Acknowledgement.
- · Page no 3 Contents.
- · Page no 4 and continue till page 19 :Introduction: Definition of tourism, Places of tourist interest

- • Growth of tourism in India.
  - · Steps taken to attract foreign tourists.
  - · Employment opportunities in tourism

- • Case study.
  - · Conclusion: Statistics Concept of eco tourism.
  - · Page 20 BIBLIOGRAPHY.(Name of the books, news papers, and websites used for the project)
  - · Use pictures maps news paper cuttings, statistical representations to support the data given.
  - · Page limit: 20 pages
  - · Use only black and blue colour for writing.· Make the project as Ms word document and save it till further instructions.

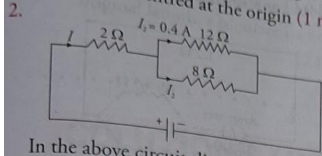## **Physics**

Write the answers properly in the Physics notebook.

Submission Date : 21st June
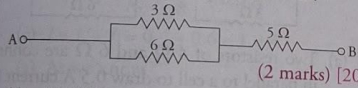
Chapter : Current Electricity

1. Choose the correct answers.
   The graph plotted for potential difference (V) against current (I) for ohmic resistors is:
   (a) A curve passing through the origin
   (b) A straight line not passing through origin
   (c) A straight line passing through origin
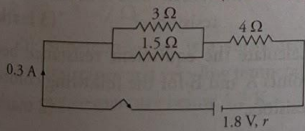   (d) A circle centred at the origin (1 mark) [2022]

2.

   In the above circuit diagram, calculate:
   (a) the external resistance of the circuit
   (b) the current I_2
   (c) the current I

   (4 marks) [2022]

3. If a wire of resistance 2 Ω gets stretched to thrice its original length.
   (4 marks) [2022]
   (a) Calculate the new resistance of the wire.
   (b) What happens to the specific resistance of the wire?

4. Calculate the total resistance across AB:

   (2 marks) [2020]
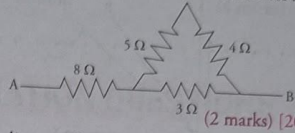
5. (a) (i) What are superconductors?
   (ii) Calculate the current drawn by an appliance rated 110 Ω, 220 V when connected across 220 V supply.
   (iii) Name a substance whose resistance decreases with the increase in temperature. (3 marks)
   (b) The diagram shows three resistors connected across a cell of EMF 1.8 V and internal resistance r. (4 marks) [2020]

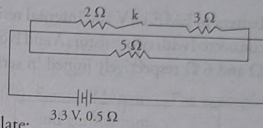Calculate:
   (i) Current through 3 Ω resistor.
   (iii) The internal resistance r.

6. (a) How does an increase in the temperature affect the specific resistance of a:
   (i) Metal and
   (ii) Semiconductor? (2 marks)
   (b) Calculate the effective resistance across AB:
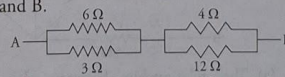

   (2 marks) [2019]

7. The diagram above shows a circuit with the key k open.
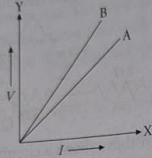

Calculate:
   (a) The resistance of the circuit when the key k is open.
   (b) The current drawn from the cell when the key k is open.
   (c) the resistance of the circuit when the key k is closed.
   (d) the current drawn from the cell when the key k is closed. (4 marks) [2019]

8. You have three resistors of values 2 Ω, 3 Ω and 5 Ω. How will you join them so that the total resistance is more than 7 Ω? (2 marks) [2018]
   (a) Draw a diagram for the arrangement.
   (b) Calculate the equivalent resistance.

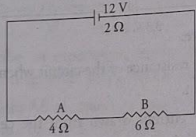9. (a) Find the equivalent resistance between A and B.

   (b) State whether the resistivity of a wire changes with the change in the thickness of the wire.
   (3 marks) [2018]

10. (a) Define specific resistance and state its SI unit.

    (b) An electric bulb of resistance 500 Ω draws a current of 0.4 A. Calculate the power of the bulb and the potential difference at its end.

    (2 marks each) [2017]

11. The V–I graph for a series combination and for a parallel combination of two resistors is shown in the figure below. Which of the two A or B, represents the parallel combination? Give a reason for your answer.
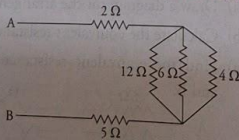
    (2 marks) [2016]

12. A battery of EMF 12 V and internal resistance 2 Ω is connected with two resistors A and B of resistance 4 Ω and 6 Ω respectively joined in series.

    Find:
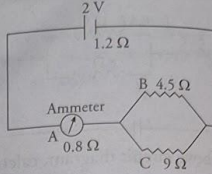
    (a) Current in the circuit.

    (b) The terminal voltage of the cell.

    (c) The potential difference across 6 Ω resistor.

    (d) Electrical energy spent per minute in 4 Ω resistor.

    (4 marks) [2016]

13. Find the equivalent resistance between points A and B.
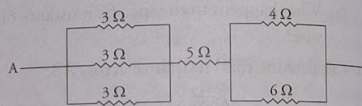
    (2 marks) [2015]

14. (a) The relationship between the potential difference and the current in a conductor is stated in the form of a law.

    (3 marks)

    (i) Name the law.

    (ii) What does the slope of V–I graph for a conductor represent?

    (iii) Name the material used for making the connecting wire.

    (b) A cell of emf 2 V and internal resistance 1.2 Ω is connected with an ammeter of resistance 0.8 W and two resistors of 4.5 Ω and 9 Ω as shown in the diagram below:
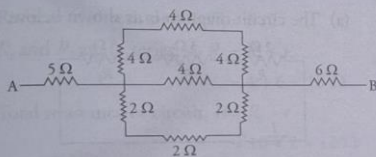

    (i) What would be the reading on the Ammeter?

    (ii) What is the potential difference across the terminals of the cell? (4 marks) [2015]

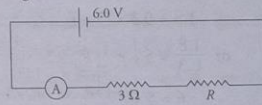15. Find the equivalent resistance between points A and B. (2 marks) [2014]

16. (a) Two resistors of 4 Ω and 6 Ω are connected in parallel to a cell to draw 0.5 A current from the cell. (4 marks)

    (i) Draw a labelled circuit diagram showing the above arrangement.

    (ii) Calculate the current in each resistor.

    (b) (i) What is an Ohmic resistor?

    (ii) Two copper wires are of the same length, but one is thicker than the other.

    1. Which wire will have more resistance?

    2. Which wire will have more specific resistance? (3 marks) [2014]

17. Calculate the equivalent resistance between the points A and B for the following combination of resistors. (2 marks) [2013]

178

18. (a) State Ohm's law.

    (b) A metal wire of resistance 6 ohm is stretched so that its length is increased to twice its original length. Calculate its new resistance.

    (3 marks) [2013]

19. The figure shows a circuit.

    (a) When the circuit is switched on, the ammeter reads 0.5 A.

    (b) Calculate the charge passing through the 3 ohm resistor in 120 s.

    (c) Calculate the power dissipated in the 3 ohm resistor. (4 marks) [2013]

Chemistry

Biology-
Study for UT.

EVS

Commercial Studies

PROJECT I
Topic – ADVERTISING (15 slides)
Index
Acknowledgement
Introduction - Meaning of ADVERTISING
Features
Merits
Demerits
Students will choose any four advertisements from different media and discuss (with pictures)
i)Name of the product / service ii) Medium / media used   iii) Unique Selling Proposition iv) merits v) demerits (if any) of the advertisement.
Students will prepare an advertisement on any imaginary product.
E-advertising- Meaning
Conclusion – "Although termed as a social waste, advertising is indispensable in today's commercial world ". Comment
Bibliography

DATE OF ANNOUNCEMENT - 15.05.2024
DATE OF SUBMISSION - 26.06.2024

The Project will be graded according to the following guidelines, as prescribed by the ICSE:
Reference work / relevant data
Ability to comprehend the information
Analysis of the data collected
Presentation
MARKS DIVISION- 5X4 = 20 marks

Computer Applications

Home Science

- Storage and Presevation of food .
- Space Organisation in the Kitchen .
  Date of Submission- 9th July 2024

Physical Education

<u>Section "A"</u>
1. Write down the meaning of growth and development.
2. Explain the different stages of growth and development.
3. Define physical education, and explain the aims and objectives of physical education.
<u>Section "B"</u>
(Project File)

1. Draw a neat and clean diagram of the basketball court with all measurements.
2. Explain the Fundamentals skills and technique of basketball games.
a.   Dribbling   b. Passing   c. Shooting With picture..
3.   Explain the rules of the Basketball game.
a.   Three seconds rule.   b. Eight seconds rule. c. Twenty four seconds rule

Date of Submission : 20.06.2024

Art

Economic Applications

PROJECT -1

1. Introduction - Meaning of Price Elasticity of demand, five degrees of elasticity of demand along with the five diagrams.

2. Students will choose any five commodities from their daily life eg(newspaper, toothpaste, shampoo, salt, sugar, AC Car, watch, medicines, clothes etc) and find the price-elasticity of the product. In case of the product, three things needs to be specified :

I) Name of the product.

II) Type of its elasticity

III) Reason behind it

3. Under conclusion the determinants of the elasticity of demand needs to be specified briefly.

Date of Announcement - 16.05.2024
Date of Submission - 20.06.2024