Winter Holiday Homework

2024–25 Class VIII

Let's work towards a
merrier tomorrow...

Happy Holidays!

Class: VIII   **Subject: English**
Date:
Name: _____   **Roll No. ___**

1. **Identify the following characters based on the hints given:-**
    i. I was warned to "Beware the Ides of March," but I ignored the advice. Who am I? (Julius Caesar)
    ii. I demanded a pound of flesh as a payment but lost everything in the end. Who am I? (The Merchant of Venice)
    iii. I tamed a headstrong woman, and she became my "obedient" wife. Who am I? (The Taming of the Shrew)
    iv. I was once the Duke of Milan, but I was betrayed and now rule over an island. Who am I? (The Tempest)
    v. My speeches stirred the Roman crowd after Caesar's assassination. Who am I? (Julius Caesar)
    vi. I disguised myself as a lawyer to save my friend's life. Who am I? (The Merchant of Venice)

2. **Do as Directed:-**
    i. The scientists will have completed the research by next month. (Change into passive voice.)
    ii. Rohan said, "Can you help me with this math problem?" (Change into indirect speech.)
    iii. She is proficient _____ French, but she struggles _____ German. (Fill in with the correct preposition)
    iv. I know the answer. I am not going to tell you. (Combine using "although.")
    v. Neither of the boys were interested in playing football. (Identify and correct the error)
    vi. He knows the answer to the riddle.(Rewrite as an interrogative statement)
    vii. The cake _____ (bake) in the oven for the last hour. [Fill in the blanks with the correct form of Tense]
    viii. Was / her / completed / the / homework / before / she / task / other / the (Rearrange the words to form a meaningful sentence)
    ix. Rina who _____ (have been/has been/is being) ill for a month _____ (will visit/visited/has visited) the doctor last Monday. The doctor _____ (advised/had advised/will advise) her complete bed rest. (Fill in the blanks with the correct form of verbs)
    x. You _____ (can/must/might) apologize to her for your behaviour. (Choose the correct modal verb)

3. **Writing task:-** Imagine you are Caliban from The Tempest. Write a diary entry about how you feel being controlled by Prospero and your thoughts about the visitors to the island.

Class - 8ᵗʰ   Date - _____
Name - _____   **Roll No -** _____

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निर्देश:- सभी प्रश्न अनिवार्य है।कार्य सुंदर एवं स्पष्ट लेख में करेंगे। प्रश्न 9, 10,11,12 के उत्तर कमेंट शीट में करेंगे।

प्र1-निम्नलिखित वाक्यों को उपयुक्त पर्याय से पूर्ण कीजिए।

1-इमारत में लगी _____ से अनेक लोग जलकर मर गए।   (अग्नि)

2-मैंने केदारनाथ यात्रा के समय देखा कि बड़े-बड़े _____ गिर रहे हैं। (प्रस्तर)

3-चोर _____ का लाभ उठा कर भाग गया। (अंधकार)

4-परिश्रमी व्यक्ति_____ हमेशा करता है। (प्रगति)

5-सरोवर में सुंदर _____ खिले हैं।(पंकज)

6-यह रामलाल का_____है। (बेटा)

7-आकाश में_____ उड़ रहे हैं। (विहग)

प्र2-निम्नलिखित वाक्यों के आगे कुछ शब्द दिए जा रहे हैं। उनके विलोम शब्द से रिक्त स्थान भरिए।

1-_____ वस्तुओं का संचय मत करो।(आवश्यक)

2-सुनील वार्षिक परीक्षा में अच्छे अंकों से_____हो गया।(अनुत्तीर्ण)

3- देश का हर नागरिक अगर ईमानदार हो जाए तो देश की _____ संभव है।(अवनति)

4-हमें बड़ों का _____ करना चाहिए।(अनादर)

क्रांतिकारियों के बलिदान से देश_____ हुआ।(परतंत्र)

प्र3-एक शब्द के अनेक शब्द लिखिए।

गोपनीय-_____

शताब्दी-_____

अजातशत्रु-_____

अनंत- _____

देशाटन-_____

प्र4-अशुद्ध शब्दों को ठीक करके उसके सामने सही शब्द लिखिए।

1-हरीश एक विशाल ग्रह में रहता है।_____

2-दीपावली पर द्वीपजलाए जाते हैं।_____

3-क्रमों का फल हर व्यक्ति को मिलता है।_____

4-दिनेश की नियत सही नहीं है, वह धोखा दे सकता है।_____

प्र5-निम्नलिखित शब्दों के वाक्य बनाकर उनका अर्थ स्पष्ट कीजिए।

1-अमूल्य-_____

बहुमूल्य- _____

2-आधि- _____

व्याधि- _____

3-पुरस्कार- _____

पारितोषिक- _____

4-अधिक – _____

पर्याप्त- _____

प्र6-निम्नलिखित शब्दों के दो- दो अर्थ लिखें।

1-अंशु-_____ ,_____

2-मधु-_____ ,_____

3-हेतु-_____ ,_____

4-वंश-_____,_____

5-चपला-_____,_____

प्र7-निम्नलिखित उपसर्गों से दो-दो शब्द बनाइए।

1-अभि-_____,_____

2-उप-_____,_____

3-नि-_____,_____

4-अव-_____,_____

5-सह-_____,_____

प्र8-निम्नलिखित वाक्यों को कर्मवाच्य में बदलिए।

1-रमेश निबंध लिख रहा है। _____

2-राधा नृत्य कर रही है। _____

3-चित्रकार चित्र बना रहा है। _____

4-मोहन साइकिल चला रहा है।_____

5कोयल गा रही है। _____

प्र9-'वन महोत्सव के अवसर पर शास्त्री पब्लिक स्कूल के बच्चों ने पार्क में पौधे लगाए।' इस अवसर पर एक प्रतिवेदन तैयार कीजिए।
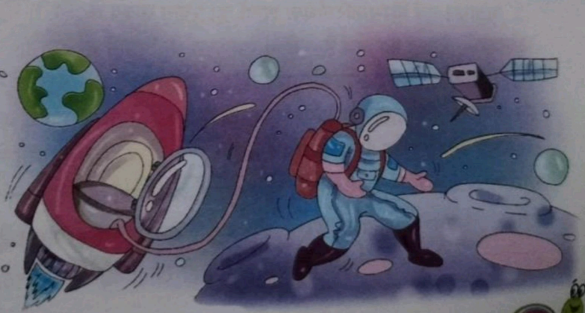
प्र10-

• दिए गए चित्र को देखकर 20-30 शब्दों में चित्र-वर्णन कीजिए। तत्पश्चात चित्र-वर्णन में से। किन्हीं तीन पद (शब्द) का पद-परिचय दीजिए।

प्र11-बिजली संकट से अवगत कराते हुए किसी समाचार पत्र के संपादक को पत्र लिखें।

प्र12-बढ़ती महंगाई पर दो स्त्रियों के बीच का संवाद लिखिए।
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1. If x and y are inversely proportional and x = 15 when y = 6, find y when x = 9.
2. If 45 men can do a piece of work in 49 days, in how many days will 35 men do it?
3. Reenu types 540 words during half an hour. How many words would she type in 8 minutes?
4. 2 men and 3 women can do a piece of work in 16 days. In how many days can 4 men and 6 women do the same work?
5. Find the number of sides of a regular polygon whose each exterior angle measures $45°$.
6. What is the number of diagonals in a (a) heptagon (b) octagon.
7. The volume of a room is 378 m^3 and the area of its floor is $84 m^2$. find the height of the room.
8. What sum of money will amount to Rs 2508.80 in 2 years at 12% p.a. compounded annually?
9. The area of a trapezium is 96 cm^2. The lengths of the parallel sides are 18 cm and 14 cm. Find its height.
10. The measurements of a cuboid are 64cm, 50cm and 20cm. Find the length of edge of a cube whose volume is same as this cuboid.
11. If a + b + c = 10 and a^2 + b^2 + c^2 = 48, find the value of ab + bc + ac.
12. Solve the quadratic equation by factorization: $\frac{a+1}{2a-3} = \frac{a+5}{a+3}$.
13. The sum of two positive numbers is 31 and their product is 240. Find the numbers.
14. Find the simple interest and compound interest on Rs 5000 at the rate of 10% p.a. for 3 years.
15. The volume of a cube is 1.331 cm^3. Find the length of its edge. If the length of edge is doubled, by how many times will the volume increase?
16. The area of a square field is 784 m^2. Find the length of its side.
17. The volume of a cube is 12.167 cm^3. Find the length of its edge.
18. Find the simple interest when: P = Rs 8600, T = 2 year and R = 8% p.a.
19. The circumference of the base of a cylinder is 176 cm and its height is 65 cm. Find the volume of the cylinder and its lateral surface area.
20. Construct a square, each of whose sides measures 6.4 cm.
21. Draw a rhombus whose side is 7.2 cm and one angle is $60°$.
22. Reduce $\frac{m^2-3m}{m^2-4m+3}$ to the lowest form.
23. If V = $\frac{1}{3}\pi r^3 h$ find h when V = 1694, $\pi = \frac{22}{7}$ and r = 7.
24. Is it possible to have a regular polygon each of whose interior angle is $100°$?
25. Solve the equation: $\frac{2y-3}{2y-1} = \frac{3y-1}{3y+1}$
26. Solve: $\frac{y+6}{4} + \frac{y-3}{5} = \frac{5y-4}{8}$

27. Divide 4500 into two parts such that 5% of the first part is equal to 10% of the second part.

28. If $y - \dfrac{1}{y} = 4$, find the value of the following.

    i. $y^2 + \dfrac{1}{y^2}$

   ii. $y^3 - \dfrac{1}{y^3}$

29. Solve reason assertion problems of the chapters **Polygons, Volume and Surface Area of Solids** from page no 347, 350 and 351.

30. Solve case study based problems of the chapters **Direct and Inverse Proportion, Time and Work** from page no 343 to 346.

Class: VIII   **Subject: Science**
Date:
Name: _____   **Roll No. ____**

Make a project file on the topic 'The Science behind Climate Change'

Use comment sheets and art sheets to make the project (you may also use in

handmade sheets in place of art sheets). Draw or stick pictures. You can include the following points:-

1. Make a cover page in accordance with the topic.
2. Index page
3. You may include the following points-
   Define climate change and its importance. Highlight the role of science in understanding and mitigating climate change.
   The greenhouse effect and global warming. Explanation of the greenhouse effect with a diagram. Role of radiation and heat energy in global warming.
   Gases responsible for climate change. Detailed study of CO_2, CH_4, N_2O, and CFCs. Chemical reactions showing the formation of pollutants. Acid rain and its effects on the environment.
   Effects on ecosystems and biodiversity. Impact of rising temperatures on plant and animal species. Consequences of deforestation and habitat loss. Adaptation of species to changing climates.
   Global impact of climate change. Melting glaciers, rising sea levels, and extreme weather events. Geographical regions most affected by climate change (polar regions, coastal areas).
4. Include graphic content also alongside the relevant content like World map or graph showing the impact and trend of climate change, illustration of the energy balance of the Earth etc.
5. You may add case studies as well to elaborate on the drastic changes caused due to climate change.
6. Add the Acknowledgement and Bibliography page.

Class: VIII   **Subject: Social Studies**
Date:
Name: _____   **Roll No. ____**

Research/Model/Compare (Any two)

1. Research at least one raw material from their tribal art and craft work. How and where are they cultivated in the state? Support it with photos.
2. Write about the cultural/ festive significance for any tribal art and craft form. Support it with photos.
3. Create a model of any tribal art and craft object of Arunachal Pradesh or Uttar Pradesh.
4. Compare the agricultural festivities between Uttar Pradesh and Arunachal Pradesh and document it in a file. Support it with photos.
5. Record a monologue of any one famous personality of Arunachal Pradesh or Uttar Pradesh and document in a file along with the context of that monologue in history and about the personality.

Class: VIII   **Subject: Computers**

Date:

Name: _____   **Roll No. ___**

Make a PowerPoint Presentation of 15 or more slides excluding the Title, Acknowledgement and bibliography slide on the topic : "Cyber security and Data Privacy" and the presentation is to be mailed on the following E-mail id: saurabh.myarena7@gmail.com