Dr. Virendra Swarup Education Centre, Unnao
English Worksheet -1
Class IX
Section A- Language

1. **Rewrite the following passage with correct punctuations.**

after four years of drought in a small town in the northeast the vicar gathered everyone for a pilgrimage to the mountain where they would pray together and ask for the rain to return
the priest noticed boy in the group wearing a raincoat
have you gone mad he asked. It hasnt rained in this region for five years the heat will kill you climbing the mountain
I have a cold father. If we are going to ask god for rain can you imagine the way back from the mountain/ its going to be such a downpour that I need to be prepared
at that moment a great crash was heard in the sky and the first drops began to fall. a boys faith was enough to bring about a miracle that not even those most prepared truly believed in

2. **Change the following passage into reported speech**
Gerrard: Are you American, or is that merely a clever imitation?
Intruder: Listen, this gun's no toy. I can hurt you without killing you, and still get my answers.
Gerrard: Of course. If you put it like that, I'll be glad to assist you. I do possess a car, and it's in the garage round the corner.
Intruder: That's better. Do people often come out here?
Gerrard: Very rarely. Surprisingly few people take the trouble to visit me. There's the baker and the Greengrocer, of course and then there's the milkman – quite charming, but no one so Interesting as yourself.

3. **Rearrange the words in each sentence to form a meaningful sentence in order to frame a coherent paragraph.**
Six after 20, Ernie weeks turned he enlisted Australian in the force. apprentice This from Victoria had very little butcher experience, but the to Libya to protect army sent him the port.
relentless battle, three months Following nearly of Ernie German machine gun fire was wounded by during a patrol. and to fight was then He recovered sent to Egypt. he spent time war camp There in a prisoner of. these wartime He Kim Kelly shared experiences *Dangerous Days,* which with author he co-wrote in 2009 memoir.

4. Write a **diary entry** of about 100-150 words expressing your opinion & thoughts on how you would like to build a stronger and more understanding relationship with your parents and siblings.

5. Write a **paragraph** of about 100-150 words on what do you think constitutes the qualities and skills of an ideal student. Give a suitable title to the paragraph

Section B- Literature (Beehive) Chapter 1- The Fun They Had

1. Answer the following questions in one or two sentences.
   a. On which date did Margie make her diary entry?
   b. What did Margie write about in her diary?
   c. What did Margie notice about the book?
   d. Give one advantage that Tommy mentioned about the telebooks.
   e. What did the mechanical teacher say once the screen was lit up?
   f. Give one characteristic each to Tommy and Margie.
   g. State one characteristic each for Margie's mother and the County inspector.

2. **Answer the following questions in 30-40 words each.**
   a. What were the various features of the book as described by the two children?
   b. Who came to fix the mechanical teacher? Describe.
   c. What did Margie hope when he arrived? What happened instead?
   d. What did Margie think about the printed book?
   e. What did Tommy refer to as a 'waste'? Is it really a waste? Why/why not?
   f. What had happened to Tommy's teacher once?
   g. How does Tommy describe the old kind of school?
   h. What is Tommy's opinion about the teachers of the old school in comparison to his father?
   i. Why does Margie think that children must have loved to go to school in the earlier days?
   j. Where was Margie's school? Did she have any classmates?
   k. Why had Margie started hating school?
   l. How did Tommy treat Margie? Give suitable examples from the story to justify your answer.
   m. What thoughts had preoccupied Margie's mind when she was instructed by her teacher to insert the homework?
   n. What was the problem detected by the County inspector with the telebook? How did he fix it?

3. **Answer the following in 100-150 words.**
   a. Compare the schools of 2157 with the schools of the present day, quoting suitable examples and references from the story 'The Fun They Had'.

Note: The chapter can be downloaded in a PDF format online

1- उपसर्ग और प्रत्यय में क्या भेद है? उदाहरण देकर समझाइए।

2- निम्नलिखित शब्दों में मूलशब्द व उसमें जुड़े उपसर्ग अलग-अलग कीजिए
अत्यंत, निरपराध, निरभिमान, विरुद्ध परिप्रश्न, अणह पराधीन, प्रत्युपकार, प्रचार, विभिन्न।

3- निम्नलिखित शब्दों से मूलशब्द व प्रत्यय अलग-अलग करके लिखिए।
भुलक्कड़, चमकीला, लालिमा, साहित्यिक, पुष्पित, तैराक, धोबिन, समझदारी, खटास।

4- समास का अर्थ समझाते हुए भाषा में इनका महत्व बताइए।

5- समास रचना में कितने पद होते हैं? उदाहरण देकर समझाइए।

6- निम्नलिखित समस्त पदों का विग्रह करके समास का नाम लिखिए।
नीतिनिपुण, गिरधर, भरपेट, नवरत्न, आजन्म, पंचामृत, कलम-दवात, महात्मा, चतुर्भुज।

7- वाक्य का भाषा में क्या महत्व है?

8- अर्थ की दृष्टि से वाक्य के भेद बताइए।

9- अर्थ की दृष्टि से वाक्य का प्रकार बताइए।

(क) उसने भोजन नहीं किया।

(ख) यहाँ से चले जाओ।

(ग) वाह! सुंदर स्थान है।

(घ) प्रभु तुम्हें दीर्घायु करे।

(ङ) कल कौन आ रहा है?

(च) यदि वह मुझसे मिल लेता तो उसका काम अवश्य हो जाता।

(छ) उठो, इस कुर्सी को ऊपर रख दो।

10- कोष्ठक में दिए गए निर्देश के अनुसार वाक्य-परिवर्तन कीजिए।

(क) तुम कल वहाँ जाओगे।   (निषेधवाचक में)

(ख) माताजी आज घर जाएँगी।   (संदेहवाचक में)

(ग) वह विदेश से लौटा है।   (प्रश्न वाचक में)

(घ) सोनिया परीक्षा में प्रथम आई। (विस्मय वाचक में)

(ड.) तुम्हें विद्यालय में ठीक समय पर आना चाहिए। (आज्ञावाचक में)

(च) क्या आपने खाना खा लिया।   (विधानवाचक)

(छ) आपकी हर अभिलाषा पूर्ण होनी चाहिए। (इच्छावाचक में)

(ज) तुम प्रथम स्थान प्राप्त करोगे।   (संकेतवाचक में)

11- भाषा के अन्तर्गत अलंकार का क्या कार्य है ?

12- शब्दालंकार और अर्थालंकार में क्या भेद हैं ?

13- निम्न लिखित अलंकारों का एक-एक उदाहरण लिखिए।
अनुप्रास, यमक, श्लेष, उपमा, उत्प्रेक्षा, रूपक।

14- निम्नलिखित पद्यांशों में प्रयुक्त अलंकारों को पहचान कर उनके नाम लिखिए।

(क) चेहरा है मानो झील में हँसता हुआ कमल,

(ख) बालक बोलि बध्यऊँ नहिं तोही।

(ग) तीन बेर खाती थीं वे तीन बेर खाती हैं।

(घ) वह बाल रवि सम लाल होकर ज्वाल सा शोधित हुआ।

(ड.) आए महंत वसंत।

15- स्वास्थ्य के प्रति सजग रहने के लिए अपने मित्र को एक पत्र लिखिए।

16- अनुशासन के महत्व को समझाते हुए दो व्यक्तियों के बीच संवाद लिखिए।

DR VIRENDRA SWARUP EDUCATION CENTRE, UNNAO

CLASS 9TH WORKSHEET

SUBJECT- MATHEMATICS

1. Find the total surface area of a hemisphere of radius 10 cm. (Use π = 3.14) OR Find the height of cone, if its slant height is 34 cm and base   diameter is 32 cm.

2. If the point (3, 4) lies on the graph of the equation 3y = ax + 7, find the value of a..

3. In a bag, there are 100 bulbs out of which 30 are defective ones. A bulb is taken out of the bag at random. Find the probability of the   selected bulb to be a good one.

4. If its perimeter of an equilateral triangle is 180 cm, what will be its area?

5. A river 3 m deep and 40 m wide is flowing at the rate of 2 km per hour. How much water will fall into the sea in a minute?

6. Find the value of $x^3 + y^3 + 15xy - 125$ if x + y = 5.   7.
7. Find the remainder when $4x^3 - 3x^2 + 4x - 2$ is divided by (i) x – 1 (ii) x – 2

8. The angles of quadrilateral are in the ratio 3 : 5 : 9 : 13. Find all the angles of the quadrilateral.

9. Find the area of a triangle two sides of which are 18cm and 10cm and the perimeter is 42cm. OR

10. A floral design on a floor is made up of 16 tiles which are triangular, the sides of the triangle being 9 cm, 28 cm and 35 cm. Find the cost   of polishing the tiles at the rate of 50p per cm2.

11. A man hired an auto for 5 km. The fare was 10 for first km and 3 for every subsequent km. He paid 50, to which the auto driver said that its   not the correct amount. The actual fare is somewhat less than that the amount you have paid to me. (i) Calculate the correct fare. (ii) Which   value is being promoted by the auto driver?

12. What is the total surface area of a hemisphere of base radius 7cm?

13. The surface area of two hemispheres are in the ratio 25 : 49. Find the ratio of their radii.

14. Shanti Sweets Stall was placing an order for making cardboard boxes for packing their sweets. Two sizes of boxes were required. The bigger of   dimensions 25 cm × 20 cm × 5 cm and the smaller of dimensions 15 cm × 12 cm × 5 cm. For all the overlaps, 5% of the total surface area is   required extra. If the cost of the cardboard is Rs 4 for 1000 cm2, find the cost of cardboard required for supplying 250 boxes of each kind.

15. A rabbit covers y metres distance by walking 10 metres in slow motion and the remaining by x jumps, each jump contains 2 metres. Express this   information in linear equation.

16. Two coins are tossed simultaneously 500 times, and we get Two heads : 105 times One head : 275 times Find the probability of getting 0 head. 17. If the probability of winning a game is 0.4, what is the probability of losing it?

18. Find the height of cone, if its slant height is 34 cm and base diameter is 32 cm.

19. If angles A, B, C and D of the quadrilateral ABCD, taken in order, are in the ratio 3 : 7 : 6 : 4, then name the type of quadrilateral ABCD.

20. The mean of the observations x, 2x + 1, 2x + 5 and 2x + 9 is 30. What is the mean of first three observations?

21. In a class, number of girls is x and that of boys is y. Also, the number of girls is 10 more than the number of boys. Write the given data in the form of a linear equation in two variables. Also, represent it graphically. Find graphically the number of girls, if the number of boys is 20.

22. A wall 6 m long, 5 m high and 0.5 m thick is to be constructed with bricks, each having length 25 cm, breadth 12.5 cm and height 7.5 cm. Find   the number of bricks required to construct the wall, if it is given that cement and sand mixture occupy of the volume of the wall.

23. A lead pencil consists of a cylinder of wood with solid cylinder of graphite filled into it. The diameter of the pencil is 7 mm, the diameter   of the graphite is 1 mm and the length of the pencil is 10 cm. Calculate the weight of the whole pencil, if the specific gravity of the wood   is 0.7 g/cm3 and that of the graphite is 2.1 g/cm3.

24. Find the value of $(81)^{0.16} \times (81)^{0.09}$

25. If $f(x) = x^2 - 4x + 6$, find $f(1) - f(-1)$

26. If $2x + 3y = 12$ and $xy = 6$, find the value of $8x^3 + 27y^3$.

27. Find the remainder when $4x^3 - 3x^2 + 4x - 2$ is divided by (i) $x - 1$ (ii) $x - 2$

28. If $x^3 + ax^2 + bx + 6$ has $(x - 2)$ as a factor and leaves a remainder 3 when divided by $(x - 3)$, find the values of a and b.

29. Verify: (i) $x^3 + y^3 = (x + y)(x^2 - xy + y^2)$

       (ii) $x^3 - y^3 = (x - y)(x^2 + xy + y^2)$

30. Draw the graph of the linear equation $2x + 3y = 12$. At what points, the graph of the equation cuts the x-axis and the y-axis?

31. Factorize- a) $2y^3 + y^2 - 2y - 1$

             B)   Factorize: $a^6 - b^6$