

WORK SHEET -I-ENGLISH

- 1- Prepare a project on 'TENSES'. Write down all the rules of tenses with their examples
- 2- Choose your favourite story or poem from your text Book and analyse the characters in your words.

3- SECTION-A

Compose a poem that captures the essence of winter holidays, using vivid imagery and descriptive language.

SECTION-B

Give a character sketch on Atal Bihari Vajpayee

- 4- (i) Background (ii) Physical Appearance (iii) Personality traits (iv) Notable Work (v) Achievements

SECTION-C

Paste the picture of these authors - Rabinra Nath Tagore, Ruskin Bond, O Henry and William Shakespeare. Provide the information about them as listed

Picture	Date of birth	Popular works	Awards received
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- 5- Convert the following dialogues into Indirect Speech:

(i) Rohan: "What are your plans for the weekend?"

Meera: "I am going to visit my grandparents."

(ii) Teacher: "You should revise your notes daily."

Student: "I will, ma'am."

(iii) Amit: "Do you need any help with your homework?"

Ravi: "Yes, please explain this math problem to me."

(iv) Priya: "I have been selected for the school debate team!"

Ananya: "Congratulations! I knew you could do it."

(v) Stranger: "Can you tell me the way to the library?"

Local: "Go straight and take the second left."

- 6- The following sentences have not been edited. Identify the incorrect word and write the correct word:

(i) She walk to the market every day.

(ii) The children was playing in the park

(iii) My friends enjoys reading mystery novels.

(iv) He don't know the answer to this question.

(v) There is two apples on the table.

WORK SHEET -II (MATHS)

1- SECTION-A

Collect five pairs of congruent shapes from our environment and paste them here.

SECTION-B

Construct four circles of different radius and find their diameter, Circumference and area.

SECTION-C

Construct parallelogram and triangle. Find their perimeter and area.

2- SECTION-A

Write and learn formula of exponent and power. Write example of each formula.

SECTION-B

Represent the number of males and females in any five states of India by double bar graph by using colourful papers.

SECTION-C

3- ALL - Solve following exercise

Q.1 How many rational number(s) lie between any two rational numbers?

- (a) Two (b) Three (c) Ten (d) Infinite

Q.2 The circumference of the circle of radius 14 cm is:

- (a) 88 cm (b) 77 cm (c) 66 cm (d) none of these

Q.3 What is the co-efficient of x in the expression $3x^2 - 2x + 4$?

- (a) 3 (b) -2 (c) 4 (d) 0

Q.4 The value of expression $5x - 2$ when $x = -2$ is ?

- (a) -10 (b) -11 (c) -12 (d) none of these

Q.5 The value of 2^8 is:

- (a) 64 (b) 128 (c) 256 (d) 512

Q.6 Simplify $(-3) \times (-23)$

- (a) 24 (b) -24 (c) 16 (d) -16

Q.7 The letter or symbol in algebraic expression is called:

- (a) Variable (b) Constant (c) Coefficient (d) Term

Q.8 $18 : 34 \% = \underline{\hspace{2cm}} : \underline{\hspace{2cm}}$

- (a) 3 : 16 (b) 4 : 9 (c) 3 : 2 (d) 2 : 3

Q.9 The expression with two terms are called:

- (a) Monomial (b) Binomial (c) Trinomial (d) Polynomial

Q.10 Simplify $a^7 \times b^3 a^5 \times b$

- (a) $(ab)^5$ (b) $(ab)^4$ (c) $(ab)^3$ (d) $(ab)^2$

Q.11 What are the factors of the term $-xy^2$?

- (a) $x \times y \times y$ (b) $-1 \times y \times y$ (c) $-1 \times x \times y \times y$ (d) none of these

Q.12 Radha ranked 25th in the class of 41 students. What is the rank of Radha from the end.

- (a) 16th (b) 17th (c) 18th (d) 19th

Q.13 Identify the terms and their factors in the expression $7y^3 + 2y^2 + 3y + 5$ and show the terms and factors by tree diagram.

Q.14 Give four rational numbers equivalent to 49 .

Q.15 Find the height of the parallelogram if its area is 24 cm^2 and base is 4 cm.

Q.16 If three cubes of dimensions 3cm by 3cm by 3cm are placed side by side, what would the dimensions of the resulting cuboid be?

Q.17 If the circumference of a circular sheet is 154 m, find its radius. Also find the area of the sheet. (Take $\pi = 22/7$)

WORK SHEET -III- HINDI

- 1- किसी फेरी वाले से हुए संवाद को लिखो जैसे आइसक्रीम वाला, भुट्टे वाला
- 2- भारत सरकार द्वारा नदियों पर बाँध बनाये गए हैं। इनमें से पाँच बांधों के नाम लिखिए तथा उनकी उपयोगिता के बारे में भी लिखिए।
- 3- भक्तिकाल के किन्हीं पाँच कवियों के बारे में जानकारी एकत्र करके एक कोलाज तैयार कीजिए।
- 4- आप आगरा भ्रमण के लिए गए हैं। वहाँ आप दो दिन ठहरे वहाँ आपने ताजमहल देखा तथा शहर घूमा। इन दो दिनों की डायरी लिखिए।

WORK SHEET -IV (SOCIAL SCIENCE)

- 1- Write in short about Ramanujacharya , Sankaracharya , Kabir, Nanak, & Guru Govind Singh
- 2- With the help of diagram, .Highlight the different climatic zones of India
- 3- Prepare a beautiful chart by selecting any sub topic from your books chapter "MEDIEVAL SOCIETY"

WORK SHEET -V (PUNJABI) Creativity

ਦਿੱਲੀ ਸ਼ਹਿਰ ਦੀਆਂ ਇਤਿਹਾਸਿਕ ਕੋਈ ੩ ਇਮਾਰਤਾਂ ਦੇ ਚਿੱਤਰ ਲਗਾ ਕੇ ਉਹਨਾਂ ਬਾਰੇ ਜਾਣਕਾਰੀ ਦਿਓ।

SPECIAL TASK

On plain A₄ sheets solve papers of PA-II which are available in Winter Assignment Group -7th Std as well as on school website www.kkcsedu.org

WORK SHEET -IV (SCIENCE)

- 1- Write about 10 physical and chemical changes that you see in your daily life.
- 2- Why are forests called the green lungs of the Earth?
- 3- PROJECT

SECTION-A 3D working model of Newton Disc

Material Required:

A standard piece of printer paper, an equivalent sized piece of cardboard, glue, tape, scissors, hole punch, a ruler, a no. 2 pencil, and a coloring source.

Procedure:

1. Take the cardboard disc and paint six equal-sized color sections in the order of the rainbow - red, orange, yellow, green, blue, and violet.
2. Use a pin to make a small hole in the center of the disc.
3. Fix the disc onto the spinning tool using the pinhole.
4. Spin the disc at a constant speed using the spinning tool.

SECTION-B - 3D working model of Mighty Fly

Material Required:

Cardboard tube from Plenty kitchen towel, 2 paper straws, Paint and brushes, Scissors, Thin cardboard

Procedure:

1. Fold the paper in half vertically.
2. Cut front and back strips. Print template on paper or card stock.
3. Make front and back circles. Tape each strip into circle.
4. Cut straws. Cut paper straws to be approximately 5 1/2" long.
5. Glue straws to back circle.
6. Glue straws to the front circle.
7. Decorate it!
8. OPTIONAL: Make Paper Tubes

SECTION-C - Tussie Mussie Herbarium

Material Required:

Loose seeds, dried bulky fruits, algae, fungi, wood sections, pollen, microscope slides, silica-stored materials, DNA extractions, and fluid-preserved flowers or fruits.

Procedure:

1. Collect a sample of all parts of the plant to add in identification.
2. Arrange plants in their natural structure, minimizing overlapping parts and highlighting unique characteristics.
3. Inspect the plants after 24 hours to rearrange the specimens or to replace paper as needed.