

D.A.V. Public School, Kurukshetra

Class : VII

Winter Assignment (Social Science) 2018-19

Answer the following questions:

1. The devastating earthquake struck the Nepal on which date?

Ans: _____

2. The Asthenosphere is located inside the _____.

Ans: _____

3. Why sky is blue in colour?

Ans: _____

4. Which gases are responsible for global warming?

Ans: _____

5. The Kanha National Park is located in which state?

Ans: _____

6. Define mixed farming?

Ans: _____

7. Name the largest delta of the world.

Ans: _____

8. Name the place in world where highest recorded temperature is about 58°C.

Ans: _____

9. Why Krishnadevaraya used to dress up as common man?

Ans: _____

10. Why Humayun was called Zalim Humayun?

Ans: _____

11. Which ruler abolished Jazia on Hindus?

Ans: _____

12. Kirti Stambha is situated at which fort in Rajasthan?

Ans: _____

13. Why Sikri was named Fatehpur Sikri?

Ans: _____

14. Why Tansen was famous in the world?

Ans: _____

15. How Humayun died?

Ans: _____

16. Who was the last Mughal emperor?

Ans: _____

17. Define Sangat and Pangat.

Ans: _____

18. Write two main sects of Islam.

Ans: _____

19. Who is known as the father of constitution of India?

Ans: _____

20. Which two titles is banned by constitution of India?

Ans: _____

21. Which two points must be checked before buying any item?

Ans: _____

22. Who is the brand ambassador of Polio-(a Social advertising)?

Ans: _____

23. Name the brand ambassador of Social advertising of Swacch Bharat Abhiyan.

Ans: _____

24. Write difference between compact and dispersed settlement.

Ans: _____

25. Define PDS.

Ans: _____

सातवीं
विषय - हिन्दी
शीतावकाश गृह कार्य

प्रश्न-१ आज अच्छी कविता या भाषण बोलने पर आपके अध्यापक ने जो प्रोत्साहन दिया, उस अनुभव को अपनी डायरी में लिखिए।

प्रश्न-२ रूढ, यौगिक व योगरूढ शब्दों की परिभाषा बताते हुए निम्नलिखित शब्दों को अलग-अलग श्रेणियों में बाँटकर लिखिए ।

रसोईघर, रोटी, पानी, चक्रधर, पाठशाला, गाय, प्रधानमंत्री, चारपाई, फल, पीतांबर, एकदंत, पंकज, अनपढ़, पुस्तक, सूर्य, शीशमहल, सब्जी, घनश्याम, दीपावली ।

प्रश्न-३ दिए गए तत्सम शब्दों के तदभ्रव रूप लिखिए ।

अष्ट, कपोत, घट, पक्ष, पितृ, दुग्ध, सूर्य, छत्र, चंद्र, जिहवा, दधि, ग्राम, आम्र, कर्ण, कर्म, चैत्र, मुख, मृत्तिका, सर्प, रात्रि, वधू ।

प्रश्न-४ 'पर्वों का महत्त्व' तथा 'स्वच्छता अभियान' अनुच्छेद लिखिए व याद किजिए।

प्रश्न-५ अपने क्षेत्र में दीपावली मेले के लिए आकर्षक विज्ञापन तैयार किजिए।

प्रश्न-६ अंतर्राष्ट्रीय पुस्तक मेले में सातवीं कक्षा के विद्यार्थियों को लेकर जाया जा रहा है। इस संबंध में एक सूचना लिखिए।

नोट- शीतावकाश गृहकार्य नई उत्तर पुस्तिका में लिखिए।

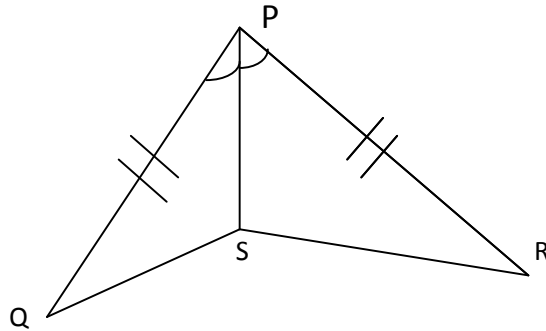
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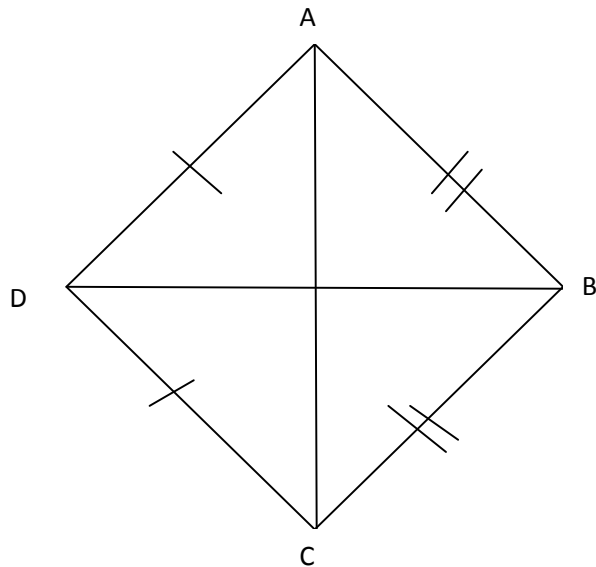
Winter Assignment

Mathematics

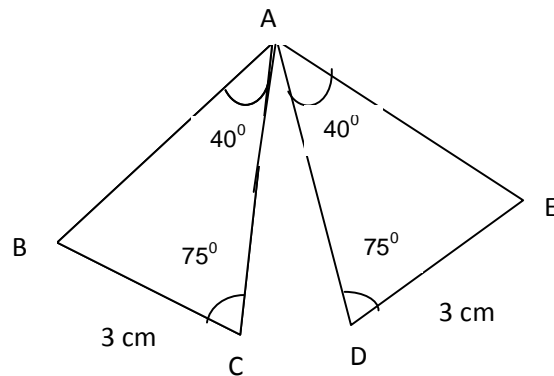
1. $M = \frac{2x+5}{7}$ and $N = \frac{3x-2}{4}$. What value of x makes $M=N$?
2. Evaluate $\frac{x-4}{3} - \frac{2x+1}{6} = \frac{5x+1}{2}$
3. 7 subtracted from $\frac{5}{2}$ of a no. results is 23. Find the no.
4. A father is 26 years older than his son. In 3 years time, the son's age will be one third his father's age. What is the present age of the son.
5. Prove $\triangle PQS \cong \triangle PRS$



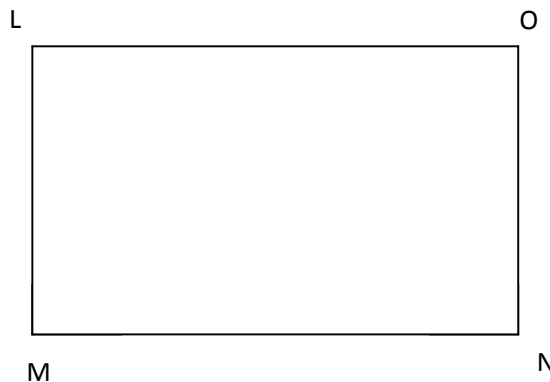
6. In the given figure $AD=CD$ and $AB=CB$. Prove $\triangle ADB \cong \triangle CDB$.



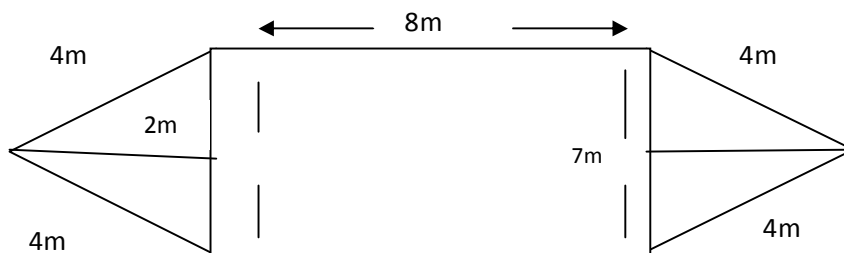
7. Find 3 pairs of corresponding parts to make $\triangle ABC \cong \triangle AED$.



8. In rectangle ABCD, draw diagonals AC and BD that meet at O. Show that triangles AOB and DOC are congruent by the SSS rule, and SAS rule.
9. In the figure given below LM and ON are perpendicular to MN and LN=MO. Is $\triangle LMN \cong \triangle ONM$?

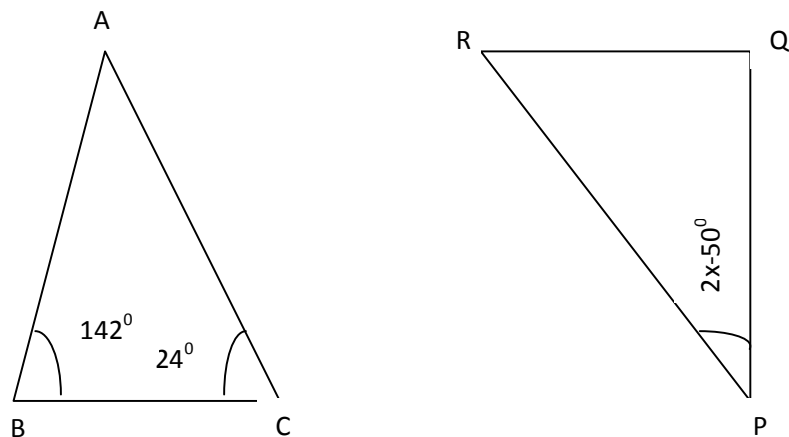


10. Find the area and perimeter of the shape.

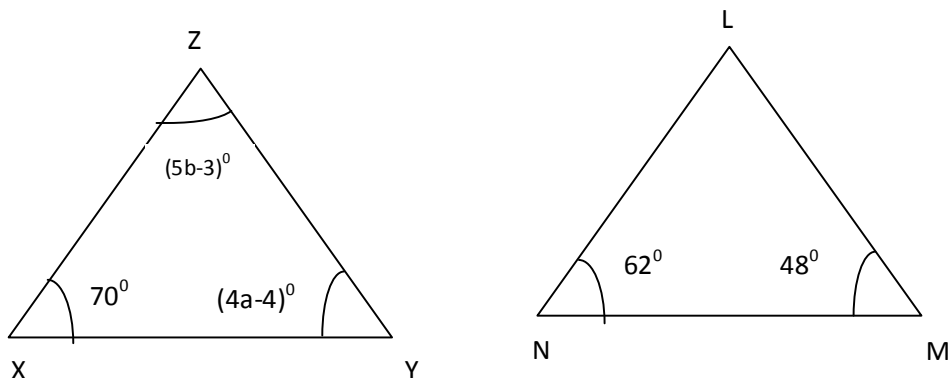


11. The Perimeter of rhombus is 80cm and one of its diagonals is 32cm. Find the length of its other diagonal and area of rhombus.
12. A tyre has an area of 314cm^2 . How much distance will it cover in 10 rotations?

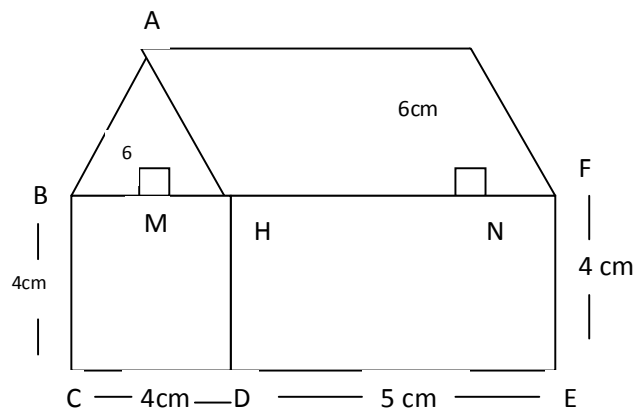
13. What distance does Rohani cover, if she takes 4 rounds in a giant wheel whose radius is 5m. ($\pi=3.14$)
14. If we double the base of a Parallelogram, what happens to its area? What happens if we double both the base and the height of the Parallelogram.
15. By what number should $(-10)^3$ be multiplied so as to get $(-10)^{-3}$?
16. When we multiply $(\frac{5}{4})^{-3}$ by x we get $(\frac{5}{4})^4$, find x
17. When we divide $(-6)^{-2}$ by a certain number, we get $(-6)^{-11}$, find the divisor.
18. One side of a triangle is half of the longer side and third side is $\frac{2}{3}$ of the longer side. If perimeter of triangle is 13cm, find the length of the longer side.
19. Two third of a number is greater than one third of the number by 3. Find the number.
20. $\triangle ABC \cong \triangle PQR$. Find the value of x.



21. $\triangle XYZ \cong \triangle LMN$, Find the value of a and b.



22. Find the area and perimeter of the given figure.



23. Find the value of x

$$\left(\frac{5}{6}\right)^{-3x-1} \div \left(\frac{5}{6}\right)^{-1} = \left[\left(\frac{5}{6}\right)^{-1}\right]^{-2}$$

24. Simplify and express the result as decimal.

$$\frac{0.5 \times 0.12 \times 0.004}{0.08 \times 0.02} - \frac{5}{4} + \frac{4}{25}$$

25. Write in the form $K \times 10^n$ where $1 \leq K < 10$ and n is an integer.

$$\frac{9.63 \times 10^5}{9 \times 10^2}$$

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Winter Assignment

Science

- Q1. Which of the following is a natural source of light?
- (a) Electric Lamp (b) Electric Filament
(c) Torch Light (d) Sun light
- Q2. The E.N.T. doctors uses a _____
- (a) Convex mirror (b) Convex lens
(c) Plane mirror (d) Concave mirror
- Q3. Find the odd one out:
- (a) Wool (b) Polyester
(c) Silk (d) Cotton
- Q4. Woollen clothes are prepared from _____
- (a) Wool form (b) Carbon compounds
(c) Fleece of sheep (d) Cotton plants
- Q5. Stethoscope measure the _____
- (a) Blood Pressure (b) Heart Beat
(c) Pulse (d) Blood Count
- Q6. Toucans is big birds with long _____
- (a) Tail (b) Beaks
(c) Leg (d) Feathers
- Q7. Climate of place do not depends on _____

Q15. Identify the element that starts glowing when heated upto a very high temperature in an electric bulb.

- (a) Tungsten (b) Copper
(c) Silver (d) Aluminium

16. Match the following :

- | | |
|-----------------|---------------------------|
| 1. Switch | Shining Feathers |
| 2. Galvanometer | Humidity |
| 3. Ameoba | Arid Zone |
| 4. Silver | Tentacles |
| 5. Hydra | Used to close the circuit |
| 6. Male Peacock | Used to detect current |
| 7. Water Vapour | Simple diffusion |
| 8. Rajasthan | Best conductor |

17. Name the following :

- (i) Vein that carries oxygenated blood _____
(ii) Sweat contains water and _____
(iii) Blood cells that help in blood clotting _____
(iv) Birds and insects excrete _____
(v) _____ is used to measure amount of rainfall.
(vi) Stethoscope measure the _____.