

SECTION - A

- I. Multiple choice questions: 4x1=4
- The symbol used to represent congruent triangle is _____.
 a) \sim b) $=$ c) \cong d) \approx
 - Two triangles having corresponding sides equal are congruent by _____ criterion.
 a) SAS b) SSS c) ASA d) AAA
 - $\left(\frac{-5}{2}\right)^0 =$ _____. a) 0 b) $\frac{5}{2}$ c) 1 d) -1
 - The solution of the equation $3x + 7 = 13$ is _____.
 a) 1 b) -1 c) 2 d) 3

SECTION - B

- II. Answer the following: 2x2=4
- Check whether $q = 2$ is a solution of $7q + 5 = 19$.
 - Using laws of exponents, find the value of $(3^2 \times 3)^2$.

SECTION - C

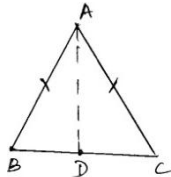
- III. Answer the following: 3x3=9
- Express 72×192 as the product of prime factors in exponential form.
 - If $\triangle ABC \cong \triangle PQR$ by ASA congruence criterion then
 i) $\overline{AB} =$ _____ ii) $\angle P =$ _____ iii) $\angle B =$ _____.
 - a) Write the step(s) you will use to separate the variable and then solve the equation $3x - 2 = 25$.
 b) Write equation for the following statement: 4 subtracted from Z is 6.

SECTION - D

- IV. Answer the following: 2x4=8
- a) Solve the following equation by Trial and Error method: $8x - 4 = 28$.

(OR)

- b) In the given figure, $AB = AC$ and D is the midpoint of \overline{BC} .



- State the three pairs of equal parts in $\triangle ADB$ and $\triangle ADC$.
 - Is $\triangle ADB \cong \triangle ADC$? Give reason.
11. a) i) Simplify: $\frac{49 \times 7^3 \times 100}{10^2 \times 3^3 \times 7^2}$. ii) Simplify using law of exponents. $\frac{5^7}{5^3}$
- (OR)
- b) i) Express 216 in exponential form. ii) If $x + 2 = 3$, then $x =$ _____.

(Bri, Ama, Bea, Cre, Daz, Eff, Int, Fasc)

- I. Write the synonyms of: 2x1=2
- Eruption -
 - Swiftly -
- II. Write the antonyms of: 2x1=2
- Hasty X
 - Massive X
- III. Frame sentences: 1x1=1
- Capacity -
- IV. Explain with reference to the Context: 2x1=2
- “My baby is ten days old and we call him Lucky”
 a) Who is the speaker here?
 b) Why was the baby named ‘Lucky’?
- V. Answer in short: 3x1½=4½
- Why do think the ‘two minutes’ seemed endless?
 - What is the setting of the poem ‘The Fog’?
 - How did Hogan and Bruns conclude that the family was away for a vacation?
- VI. Answer in paragraph: (Any 1) 1x2½=2½
- What was Hogan and Blackie’s first reaction inside the house? What evoked this reaction?
 - Were Hogan and Blackie foolish or just unlucky? Give reasons for your answer.
 - Describe the imagery used to show the ferocity of the advancing tsunami?
- VII. Answer in detail: (Any 1) 1x3=3
- Mention three images from the text that (i) Make you feel that man is insignificant as compared to nature.
 (ii) Human activities irritate nature.
 - Do you think Hogan and Blackie planned their robbery very meticulously? Give reasons.

15. Simon could not buy the sheepskin. Give reason.

VIII. Lexical Skills: 1x3=3

16. You are Agni Irani, the monitor of the class. Your class is going on a three day trip to Kerala. Write a notice informing your classmates about the trip. (OR)

17. Write a Biographical sketch:

16. Name : Kiran Bedi
Place of Birth : June 9, 1949 (Amritsar, India)
Education : Undergraduate degree in English (1968), a Master's degree in Political science (1970) a law degree (1988), and a PH.D in Social Science (1993).
Career : Joined the IPS in 1972 served a variety of roles, including narcotics officer, antiterrorist specialist and administrator.
Achievement : i) In 2003 the first woman and the first Indian to be appointed United Nations civilian Police adviser.
ii) Founded two voluntary non government organizations.

IX. Grammar:

18. Fill in the blanks by choosing the appropriate word from brackets:

$2 \times \frac{1}{2} = 1$

- a) This train goes _____ to London (direct / directly)
- b) This is the time _____ you should study hard (that / when)

19. Rewrite the following sentence by using appropriate prepositions:

$2 \times 1 = 2$

- a) She agree to him in all matters.
- b) Have you prepared of your interview?

20. Rewrite the following sentences by changing the voice: $2 \times 1 = 2$

- a) I taught him to play chess. (Change into passive voice)
- b) Hamlet's father was poisoned by his own brother. (Change into active voice)