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Solutions for Sample Questions

class : 4

Mental Ability

- (C) The centre of circle E is **P**.
- (D) $72 + 28 = 100$
 $72 - 63 = 9$
Hence the number is **72**.
- (D) Figure P \longrightarrow 11 square units
Figure Q \longrightarrow 10 square units
Figure R \longrightarrow $11\frac{1}{2}$ square units
Figure S \longrightarrow **12 square units**
- (C) $3A + B + C + \text{U} \longrightarrow 520 \text{ g}$
 $A + B + C + \text{U} \longrightarrow 400 \text{ g}$
 $2A \longrightarrow 520 - 400$
 $= 120 \text{ g}$
 $A \longrightarrow 120 \div 2$
 $= 60 \text{ g}$
 $3B + A + \text{U} \longrightarrow 420 \text{ g}$
 $3B + 60\text{g} + 120\text{g} \longrightarrow 420 \text{ g}$
 $3B \longrightarrow 420 - 60 - 120$
 $= 240 \text{ g}$
 $B \longrightarrow 240 \div 3$
 $= \mathbf{80 \text{ g}}$

5. (C)

		 \times 	 $-$ 	
4	5	20	1	X
2	10	20	8	✓

\therefore The value of (fishing) is **10**.

Reasoning

- (D) The figures have been so divided so as to give three smaller parts except in figure in option (D).
- (B) $3^2 + 2^2 = 9 + 4 = 13$
 $4^2 + 7^2 = 16 + 49 = 65$
 $1^2 + 5^2 = 1 + 25 = 26$
Hence, the missing number is **26**.
- (C) The coding rules are as follows:
Layer one - M stands for square shapes ; N stands for Triangle shapes.
Layer two - A stands for a white fill; B for a grey fill; C for a black fill.
 \therefore **M** stands for square ; **C** stands for a black fill.
- (B) In each column, the 1st two figures overlap and the overlapping arrow disappears in third figure.
- (C) D E S T I N A T I O N
1 5 19 20 9 14 1 20 I 15 14
I is the 9th letter in the word as well as in the English alphabet.

Computers

- (D) On pressing **Ctrl, Alt, Del** keys, you can open windows Task manager.
- (B) **Printer** will provide a hardcopy of any document or pictures.
- (B) In file menu, the '**open**' option will open the existing word document.
- (D) The file extension of notepad is **.txt**.
- (C) BMP stands for **BitMap**.

English

16. **(D)** Prohibit means ***Forbid***.
17. **(C)** ***Niece*** is the correct spelling.
18. **(B)** Esha ran ***straight*** into the ***jungle***.

19. **(A)** On arranging the given words in alphabetical order, we get
Inflate, Inflict, Inhibit, Initiate.
∴ The last word is '***Initiate***'.
20. **(A)** The feminine gender of stag is ***hind***.



