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Solution Report For General Aptitude-1
Represent whole test solution with correct and incorrect answers.

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Q. No	Question Status
Q.1	**Identify the correct meaning of the underlined idiom.** **The car hit by a truck coming from the opposite direction <u>turned turtle</u>** a. destroyed b. badly damaged c. turned upside down d. was safe

Attempt | **Correct**   **Correct Ans.**   c | ❷ FAQ? | ❷ Have any doubt? | ★ bookmark

Solution. 1

(c)

Q.2

It has been such a wonderful evening ,   I look forward to meet you again ,   after the vacations ,   No e
                        (a)   (b)   (c)   (d

Which of the above part contains error? If there is no error, mark '*d* ' as answer.

     a. a
     b. b
     c. c
     d. d

Attempt   **Incorrect**   **Your Ans.**   **a**   **Correct Ans.**   **b**   ❷ FAQ?   ❷ Have any doubt?   ⭐ bookmark

Solution. 2

(b)

"I look forward to meeting you again" should be there in place of "I look forward to meet you again".

Q.3

From the choices, choose the option which best compliments the idea given in the original sentence. Indian women are far behind western women in their knowledge of the web.

     a. most Indian women are confined to the four walls of the their home
     b. knowledge will give them edge over men
     c. very few Indian women have access to the internet
     d. the websites are useful to western women than Indian women

Attempt   **Correct**   **Correct Ans.**   **c**   ❷ FAQ?   ❷ Have any doubt?   ⭐ bookmark

Solution. 3

(c)

Q.4   *X* introduces *Y* saying, "He is the husband of the grand daughter (other than me) of the father of my father."

   a. Brother
   b. Son
   c. Brother-in-law
   d. Nephew

Attempt   **Correct**   **Correct Ans.**   **c**   ❷ **FAQ?**   ❷ **Have any doubt?**   ⭐ bookmark

Solution. 4

(c)

Q.5   **0, _____ , 8, 15, 24, 35, 48.**

Attempt   **Correct**   **Correct Ans.**   **3**   ❷ **FAQ?**   ❷ **Have any doubt?**   ⭐ bookmark

Solution. 5

3

$$0 = 1^2 - 1$$
$$3 = 2^2 - 1$$
$$8 = 3^2 - 1$$
$$15 = 4^2 - 1$$
$$24 = 5^2 - 1$$
$$35 = 6^2 - 1$$
$$48 = 7^2 - 1$$

Q.6   **If *Z* = 52 and ACT = 48, then BAT will be equal to _____.**

Attempt   **Correct**   Correct Ans.   **46**   ❷ FAQ?   ❷ Have any doubt?   ⭐ bookmark
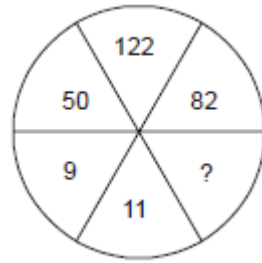
Solution. 6

46

$$\left. \begin{array}{l} A \to 1 \\ C \to 3 \\ T \to 20 \end{array} \right\} \to ACT = (1 + 3 + 20) \times 2 = 48$$

$$Z \to 26 \} \, Z = 26 \times 2$$

$$BAT \to (2 + 1 + 20) \times 2 = 46$$

Q.7   **Consider the following diagram, the missing number is _____.**

Attempt   **Correct**   **Correct Ans.**   **7**   ❷ **FAQ?**   ❷ **Have any doubt?**   ⭐ bookmark

Solution. 7

7

$$122 = 11^2 + 1$$
$$82 = 9^2 + 1$$
$$50 = 7^2 + 1$$

Q.8   A milestone on Kalka Kasauli road read '19' on the side facing the cyclist and '21' on the reverse side. He reasoned that the next milestone on the way forward would read '20' and '20' on both sides. However, to his utter dismay, he noticed that the next milestone read '18' as he approached it and '22' on the reverse. Which of the following, if true, would explain the discrepancy given above?

     a. The numbers on the milestones are interchanged.
     b. The number on the side facing the cyclist indicate the distance remaining to be covered.
     c. One milestone was missing between the 2 milestones seen by the cyclist.
     d. The distance indicated is in miles not in Kilometers.

Attempt   **Correct**   **Correct Ans.**   **b**   ❷ **FAQ?**   ❷ **Have any doubt?**   ⭐ bookmark

Solution. 8

(b)

Since the numbers are increasing/decreasing in a direction which is opposite to that of movement implies that the distance indicated is not the distance covered BUT the distance remaining.

Q.9   **The statement given below has two (2) blanks. Choose the pair of words from the given options which best fits meaning of the sentence as a whole.**

With West Asia in turmoil and a _____ cold war between Russia and the West, rising nationalism in China may be just the _____ for India. If we play our cards well, India can become a haven for global companies hungry for growth and looking for the next China.

    a. rising, opportunity
    b. growing, chance
    c. growing, moment
    d. growing, opportunity

Attempt   **Correct**   **Correct Ans.**   **d**   ❓ FAQ?   ❓ Have any doubt?   ⭐ bookmark

Solution. 9

(d)

Option (d) will lead to the formation of a complete and meaningful sentence.

Q.10   **Consider the following statements followed by two conclusions:**

Statements : Some men are great.

                Some men are wise.

Conclusions 1: Men are either great or wise.

Conclusions 2: Some men are neither great nor wise.

Which one of the following is correct?

    a. Only Conclusion 1 is valid

    b. Only Conclusion 2 is valid

    c. Both the Conclusions are valid

    d. Neither of the Conclusion is valid

Attempt   **Correct**   **Correct Ans.**   **d**   ❷ **FAQ?**   ❷ **Have any doubt?**   ⭐ bookmark

Solution. 10

(d)

Both the conclusions cannot be drawn from the given statements. Even though, it is given that some men are great and some men are wise but it doesn't mean that men are either great or wise. Similarly, it doesn't mean that men are neither great nor wise.

Q.11

Consider the following statements:

1. A primary group is relatively smaller in size.

2. Intimacy is an essential characteristic of a primary group.

3. A family may be an example of a primary group.

In the light of the above statements, which one of the following is true?

    a. All families are primary group

    b. All primary groups are families

    c. A group of smaller size is always a primary group

    d. Members of a primary group know each other intimately

Attempt   **Correct**   **Correct Ans.**   **d**   ❷ **FAQ?**   ❷ **Have any doubt?**   ⭐ bookmark
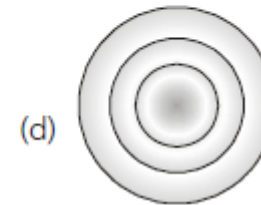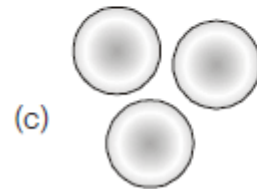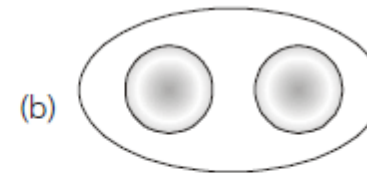
Solution. 11

(d)

Intimacy means close friendship. Since intimacy is an essential characteristic of the primary group, it implies that they know each other well. Since family may be an example of primary group, but it is not necessary that all the families are primary groups. Hence 'a' is incorrect. All primary groups are smaller in size but it doesn't mean that all smaller groups are primary groups. Hence 'c' is also incorrect.

Q.12   **In this question, the three elements i.e. Mercury, Metal and Zinc have some inter linkage. The inter linkage may fit into one of the following four diagrams. Identify the diagram which most aptly defines this relationship.**

a. a
b. b
c. c
d. d

Attempt   Incorrect   Your Ans.   a   Correct Ans.   b   ❷ FAQ?   ❷ Have any doubt?   ⭐ bookmark

Solution. 12

(b)

Mercury and Zinc – both are metals.

Q.13   **The number of ways in which 4 boys and 3 girls can be seated in a row such that girls and boys are alternate is _____.**

Attempt | Correct   Correct Ans. | 144   ❷ FAQ? | ❷ Have any doubt? | ⭐ bookmark

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Solution. 13

144

$B\boxed{G}\ B\boxed{G}\ B\boxed{G}\ B$

Number of ways in which girls can be seated = 3!
Number of ways in which boys can be seated = 4!
The number of ways in which girls and boys can be seated = 4! × 3! = 144.

Q.14   **What will be the next term in the sequence?**

1, 5, 11, 19 _____.

Attempt | Correct   Correct Ans. | 29   ❷ FAQ? | ❷ Have any doubt? | ⭐ bookmark

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Solution. 14

29

$$1^2 + 0 = 1$$
$$2^2 + 1 = 5$$
$$3^2 + 2 = 11$$
$$4^2 + 3 = 19$$
$$5^2 + 4 = 29$$

Q.15   **At 8 : 30, the angle between hour and minute hand of a clock form an angle of _____ degrees.**

Attempt   **Correct**   **Correct Ans.**   **75**   ❷ FAQ?   ❷ Have any doubt?   ⭐ bookmark
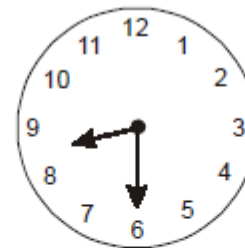
Solution. 15

75

Angle between hour and minute hands = Angle between 6 and 7 + angle between 7 and 8 + an
between 8 and 8: 30

$$= 30° + 30° + 15°$$
$$= 75°$$

Q.16   **A floor of dimensions 5 m 78 cm × 3 m 74 cm is to be covered with tiles of square shape. The minimum number of tiles required are _____.**

Attempt   **Correct**   **Correct Ans.**   **187**   ❷ FAQ?   ❷ Have any doubt?   ⭐ bookmark

Solution. 16

187
Floor has size 578 cm × 374 cm
HCF of 578 and 374 = 34
Side of square = 34 cm

Number of such square marbles = $\dfrac{578 \times 374}{34 \times 34}$ = 187 marbles