MEMORY BASED REASONING QUESTIONS OF SSC CHSL TIER-I

Memory Based Reasoning Quiz for SSC CHSL 2021 (17 - 04 - 2021)

Q1: A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series. E

19, 23, 29, 31, 37, _____

A. 45
B. 47
C. 41
D. 42

Ans: C.

Explanation: Pattern: Series of prime number. Thus the next prime number is 41. So answer should be C.

Q2: Choose the odd one out from the following options. E

A. RUTW
B. SEUG
C. JOLQ
D. EDGH

Ans: D.

Explanation: Pattern: +2 is followed for alternate letters except in option D.

Q3: Select the related word/letters/number from the given alternatives. E

64 : 729 :: 49 : ?

A. 510
B. 512
C. 529
D. 522

Ans: B.

Explanation:

Pattern: $(8)^2 = 64 : (9)^3 = 729$ so $(7)^2 = 49 : (8)^3 = 512$.

Q4: Choose the odd numeral pair. E

A. (105, 150, 240)
B. (210, 275, 405)
C. (108, 148, 228)
D. (95, 175, 325)

Ans: D.

Explanation:

105 + 45 = 150, 150 + 90 = 240
210 + 65 = 275, 275 + 130 = 405
108 + 40 = 148, 148 + 80 = 228
95 + 80 = 175, 175 + 160 = 335

Q5: A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series. E

46, 69, 50, 67, 54, 65, _____

A. 59
B. 58
C. 56
D. 57

Ans: B.

Explanation:

Pattern: From first number, +4 for alternate numbers and from second number, -2 for alternate numbers. So answer should be B.

54 + 4 = 58.

Q6: Select the related word/letters/number from the given alternatives. E

GKN : JHQ : : DVE : _____

A. GHS
B. HGS
C. GSH
D. FSH

Ans: C.

Explanation:

Pattern: +3 for first and third letter and -3 for second letter. Thus DVE : GSH. So answer should be C.

Q7: Arrange the following words as per order in the dictionary. E

1. Abdicate 2. Abysmal 3. Accolade 4. Abate 5. Abominate

A. 4 – 2 – 1 – 5 – 3
B. 4 – 1 – 2 – 5 – 3
C. 4 – 1 – 5 – 2 – 3
D. 4 – 1 – 2 – 5 – 3

Ans: C.

Explanation:

Dictionary Order: Abate, Abdicate, Abominate, Abysmal, Accolade

Q8: If in a certain coded language, "ACCEDE" is coded as "ZFFVHV". Then how will "OFFICE" be coded in the same language? M

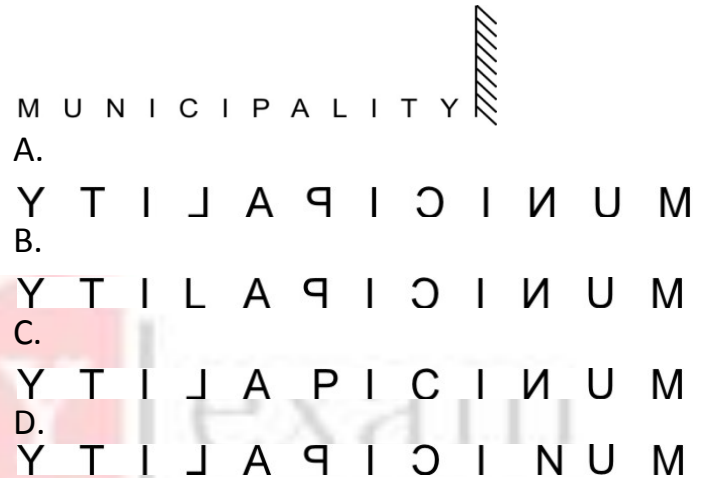A. LLLRVF
B. LLLRFV
C. LLLVFR
D. LLRFVL

Ans: B.

Explanation: Pattern: Opposite of the value VOWEL and double the value of CONSONANT according to English alphabetical order.

Thus "OFFICE" is coded as "LLLRFV".

Q9: In the following question, choose the correct mirror image from the alternatives. E

M U N I C I P A L I T Y

A.
Y T I L A P I C I N U M
B.
Y T I L A P I C I N U M
C.
Y T I L A P I C I N U M
D.
Y T I L A P I C I N U M

Ans: A.

Explanation:

Y T I L A P I C I N U M

Q10: Three statements are given below, Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the following conclusion definitely follows. E

Statements:

Some books are pens.
Some pens are pencils.
No pencil is sharpener.

Conclusions:
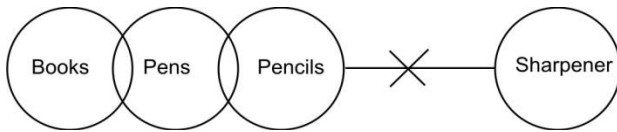
(i) Some books are pencils.
(ii) Some pens are not sharpeners.

A. Only conclusion (i) follow
B. Only conclusion (ii) follow
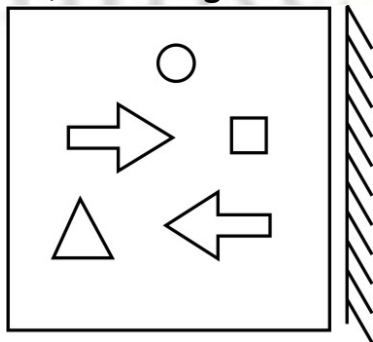C. Both conclusions follow

D. Either conclusion (i) or (ii) follow
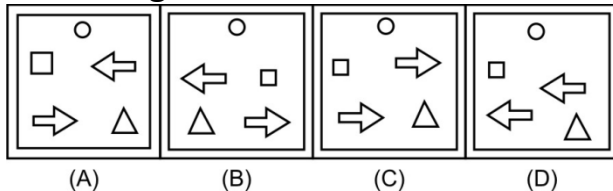**Ans:** B.
Explanation:

Q11: In the following question, choose the correct mirror image from the alternatives. E
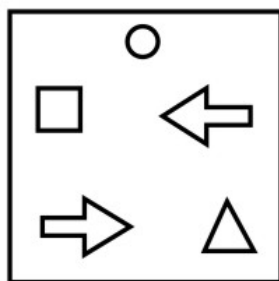
Question Figure:

Answer figure:

A. (C)
B. (D)
C. (A)
D. (B)
Ans: C. (A)

Explanation:

Q12: In the following question, select the word related to the given word. E dangerous : Unsafe :: Evaluate : ____
A. Refuse
B. Assess
C. Decline
D. Reject
Ans: B.
Explanation: As unsafe is the synonym of dangerous. Similarly assess is the synonym of evaluate.

Q13: Which of the following two signs get interchanged to make 43 - 88 ÷ 11 × 6 + 34 = 57 is correct? M
A. + and ×
B. + and ÷
C. + and –
D. – and ×
Ans: B.
Explanation: $43 + 88 ÷ 11 × 6 – 34$
$= 43 + 8 × 6 – 34$
$= 43 + 48 – 34$
$= 91 – 34 = 57$

Q14: Which of the following sequence of sign is fit in the equation 84 __ 14 __ 28 __ 20 __ 188 to make it correct? M
A. +, ×, ÷, =
B. +, -, ÷, =
C. ÷, ×, +, =
D. None of these
Ans: C.
Explanation: $84 ÷ 14 × 28 + 20$
$= 6 × 28 + 20$
$= 168 + 20$
$= 188$

Q15: Find the missing number. E

10	8	48
8	2	34
9	2	?

A. 38
B. 40
C. 42
D. 44
Ans: A.
Explanation:
10 × 4 + 8 = 48
8 × 4 + 2 = 34
9 × 4 + 2= 38

Q16: If in a certain coded language, "HANSOM" is coded as "SONMHA". Then how will "JITNEY" be coded in the same language? M
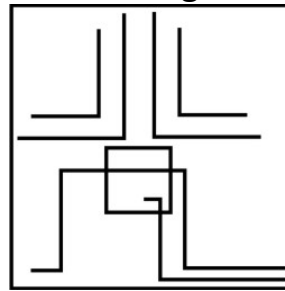A. YTNJIE
B. YTJNIE
C. YTIJNE
D. None of the above
Ans: A.
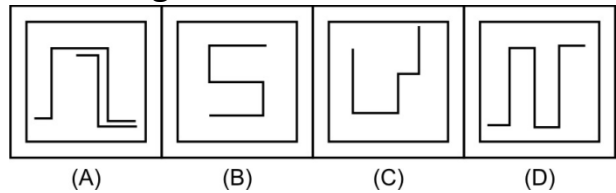**Explanation:** Pattern: Reverse alphabetical order of the word.
Thus "JITNEY" is coded as "YTNJIE".

Q17: Select the embedded figure. E

Question Figure:

Answer figure:

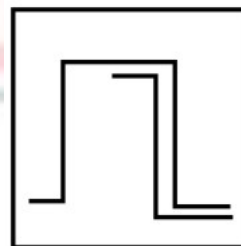(A)   (B)   (C)   (D)

A. (C)
B. (D)
C. (A)
D. (B)
Ans: C. (A)
Explanation:

Q18: Which of the following options cannot be formed using the letters of the word "CHAMPAGNE"? E
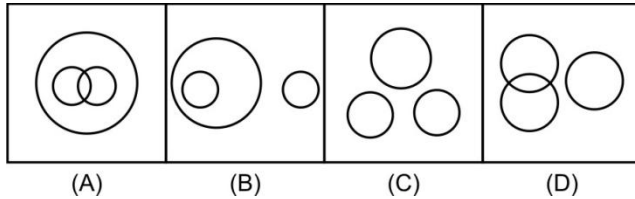A. PANMC
B. HMGAP
C. CPNEGH
D. POGHNE
Ans: D.
Explanation: All options can be formed except D.

Q19: Which of the following venn diagram best represents the

relationship between following three words? E

Hexagon, Polygon, Parabola

Explanation: Pattern: Sum of the digits of numbers on both sides is equal in all the options except C.

(A)   (B)   (C)   (D)

A. (C)

B. (D)

C. (B)

D. (A)

Ans: C. (B)

Explanation: A hexagon is a polygon whereas parabola is not either hexagon or polygon. So (B) figure depicts the best relationship.

Q20: Choose the odd one out from the following options. E

A. 458 :: 674

B. 576 :: 864

C. 795 :: 949

D. 476 :: 692

Ans: C.