Reasoning Question & Answers

1) Direction: A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as in two matrices given below. The columns and rows of Matrix I are numbered from 0 to 4 and that of Matrix II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, e.g. `A' can be represented by 03, 10 etc. and 'FY can be represented by 58, 65 etc. Similarly, you have to identify the set for the word 'BEAK'.

Matrix – 1

		1	2	3	4
	C	B	O	A	T
1	A	C	T	B	O
2	B	O	A	T	C

3	T	C	B	O	A
4	O	A	T	C	B

Matrix – 2

	5	6	7	8	9
5	R	E	K	D	L
6	D	L	R	E	K
7	E	K	D	L	R
8	L	R	E	K	D
9	K	D	L	R	E

a) 44 75 22 88

b) 20 10 87 57

c) 44 88 10 75

d) 32 76 75 22

Ans. (a.)

Explanation: Let us find the code for the given work-

B= 01, 13, 20, 32, 44;

E= 56, 68, 75, 87, 99;

A= 03, 10, 22, 34, 41;

K= 57, 69, 76, 88, 95;

From the above deductions, we can find that option (a.) is the most appropriate answer.

Directions: In Question nos. 2 to 7, select the related word/letters/number from the given alternatives.

2) Insects : Entomology : : Snakes : ?

a) Agrology

b) Mycology

c) Cetology

d) Ophiology

Ans. (d.)

Explanation: Entomology is the science of studying insects. Similarly, Ophiology is the branch of zoology that deals with snakes.

3) Kidneys: Nephron : : Central Nervous System : ?

a) Brain

b) Cerebrum

c) Spinal cord

d) Neurons

Ans. (d.)

Explanation: Nephrons are the functional units in the kidney. Similarly, Neurons are a specialized cell transmitting nerve impulses.

4) Y² : 4 : : V² : ?

a) 16

b) 49

c) 9

d) 25

Ans. (d.)

Explanation: 'Y' is the second letter in the alphabetic series from the last and the square of 2 is 4. Similarly, 'V' is the fifth letter in the alphabetic series from the last. Hence, the required answer will be 25.

5) JOKE: GLHB : : RISK : ?

a) OFPH

b) SJTL

c) ULVN

d) QHRJ

Ans. (a.)

Explanation: JOKE ------(-3)(-3)(-3)(-3) ----------- GLHB;

Similarly, RISK ------(-3)(-3)(-3)(-3) ----------- OFPH.

6) 4 : 17 : : 7 : ?

a) 49

b) 51

c) 48

d) 50

Ans. (d.)

Explanation: $(4)^2 + 1 = 17$; Similarly, $(7)^2 + 1 = 50$;

7) DFHJ : WUSQ : : HJLN : ?

a) PRTW

b) RTVX

c) TWYZ

d) SQOM

Ans. (d.)

Explanation: DFHJ ----- (4)(6)(10)(12); positions of these letters from the starting in the alphabetic series. Similarly, WUSQ has the same position from the last of the alphabetic series.

HJLN ------ (8)(10)(12)(14);

Hence, the required answer will be SQOM.

Directions: In Question nos. 8 to 10, a series is given, with one/two term missing. Choose the correct alternative from the given ones that will complete the series.

8) FAK, IEM, LIO, ? .

a) MNO

b) OPQ

c) NOP

d) OMQ

Ans. (d.)

Explanation: FAK ------ (+3)(+4)(+2) ------- IEM ------ (+3)(+4)(+2) ------- LIO ------ (+3)(+4)(+2) ------- OMQ.

9) 3, 5, 35, 10, 12, 35, ___, ___

a) 17, 19

b) 19, 35

c) 19, 24

d) 22, 35

Ans. (a.)

Explanation: we can group these numbers in the following manner-

(3, 5, 35), (10, 12, 35) and (x, y, z); here, we have to find x, y, and z;

In the above series, first and second numbers are in arithmetic progression with common difference 7. Besides this, third number remains unchanged.
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Hence, the value of (x, y, z) == (17, 19, 35);

10) 36, 34, 30, 28, 24, ?

a) 20

b) 22

c) 26

d) 23

Ans. (b.)

Explanation: The given series alternatively progresses by subtracting 2 and 4 respectively. Hence, the required number will be 22.

Directions: In Question nos. 11 to 13, from the given alternative words, select the words which cannot be formed using the letters of the given word.

11) SUPERINTENDENT

a) INTENSE

b) DENTIST

c) OCTOR

d) NURSE

Ans. (c.)

Explanation: All except the letter 'O' are present in the given word. Hence, option (c.) is the right answer.

12) INCONVENIENCE

a) CONCEIVE

b) CONVINCE

c) CONSCIENCE

d) CONVENE

Ans. (c.)

Explanation: All except the letter 'S' are present in the given word. Hence, option (c.) is the correct answer.

13) DISTRIBUTION

a) SITUATION

b) TUTION

c) DISTURB

d) TRUST

Ans. (a.)

Explanation: All except the letter 'S' are present in the given word. Hence, option (a.) is the correct answer.

Directions: In Question nos. 14 to 18, find the odd number/letters/number pair from the alternatives.

14)

a) Assassinate

b) Kill

c) Kidnap

d) Murder

Ans. (c.)

Explanation: All except 'Kidnap' have the same meaning i.e. to terminate a person.

15)

a) 339

b) 428

c) 338

d) 326

Ans. (a.)

Explanation: All except 339 are even numbers.

16)

a) 61 - 12

b) 34 - 30

c) 44 - 31

d) 25 - 21

Ans. (c.)

Explanation: 61 – 12 ; => (6 + 1) – (1 + 2); => 7 – 3;

34 – 30 ; => (3 + 4) – (3 + 0); => 7 – 3;

44 – 31; => (4 + 4) – (3 +1); => 8 – 4;

25 – 21; => (2 + 5) – (2 + 1); => 7 – 3;

Hence, option (c.) is the correct answer.

17)

a) IHJ

b) ONP

c) STR

d) LKM

Ans. (c.)

Explanation:

I ---- (-1) ------ H ----- (+2) ------ J;

O ---- (-1) ------ N ----- (+2) ------ P;

S ---- (+1) ------ T ----- (-2) ------ R;

L ---- (-1) ------ K ----- (+2) ------ M;

18)

a) Berene

b) Zurich

c) Bristol

d) Geneva

Ans. (c.)

Explanation: All except Bristol belong to Switzerland.

Directions: In Question nos. 19 to 20, which answer figure will complete the pattern in the question figure?

19)
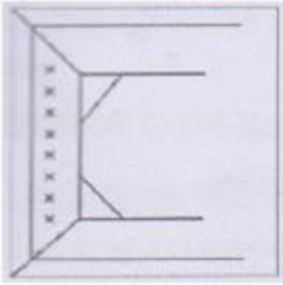

a)

b)

c)

d)

Ans. (a.)

Explanation: All except option (a.) overlaps on the given problem figure.

20)

a)

b)

c)

d)

Ans. (a.)

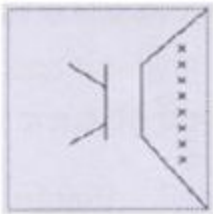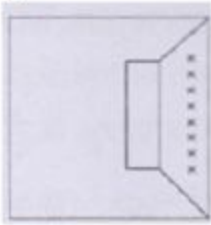**Explanation:** All except option (a.) are either overlapping or not completing the given problem figure.