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Analogy Test Questions for SSC Exams

Direction: In each of the following question, there is a certain relationship between two given words on one side of :: and one word is given on another side :: while another word is to be found from the given alternatives, having the same relation with this word as the words of the given pair bear. Choose the correct alternative.

1. South : North-west : : West : ?
A. South-west   B. North-east   C. East   D. South

2. Tectonics : Building : : Taxidermy : ?
A. Classification   B. Conserving   C. Stuffing   D. Collecting

3. Dawn : Dusk : : Inauguration : ?
A. Invitation   B. Valediction   C. Repetition   D. Organisation

4. Pongee : Silk : : Shallot : ?
A. Boat   B. Building   C. Ship   D. Stream

5. Painting : Artist : : Symphony : ?
A. Novelist   B. Poet   C. Essayist   D. Composer

6. Hour : Second : : Tertiary : ?
A. Intermediary   B. Primary   C. Ordinary   D. Secondary

7. Monotony : Variety : : Crudeness : ?
A. Refinement   B. Raw   C. Sobriety   D. Simplicity

8. Taxonomy : Classification : : Pedology : ?
A. Nature   B. Farming   C. Soil   D. Mountain

9. Foundation : Edifice : : Constitution : ?
A. Government   B. State   C. Nation   D. Cabinet

10. Hair : Bald : : Crop : ?
A. Field   B. Farmer   C. Rain   D. Barren

Direction: Study the following questions carefully and choose the right answer.

1. Physiology is related to Biology in the same way as Metaphysics is related to .....
A. Physics   B. Statistics   C. Mathematics   D. Philosophy

2. Annotate is related to Text in the same way as Caption is related to .....
A. Novel   B. Law   C. Film   D. Photograph

3. Distil is related to Whiskey in the same way as Brew is related to .....
A. Ferment   B. Gin   C. Beer   D. Sugar

4. Flower is related to Petal in the same way as Book is related to .....
A. Page   B. Content   C. Author   D. Library

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5. Roentgen is related to X-rays in the same way as Becquerel is related to .....

A. Uranium   B. Radioactivity   C. Fission   D. Superconductivity

6. Noise is related to Din in the same way as Quiet is related to .....

A. Hush   B. Dumb   C. Gag   D. Mouth

7. Cobra is related to Snake in the same way as Leopard is related to .....

A. Tiger   B. Lion   C. Cat   D. Zebra

8. Taj Mahal is related to Love in the same way as Jallianwala Bagh is related to .....

A. Amritsar   B. Martyrdom   C. War   D. Punjab

9. Water is related to Ocean in the same way as Snow is related to .....

A. Peaks   B. Hail   C. Glacier   D. Mountain

10. Atom is related to Molecule in the same way as Cell is related to .....

A. Matter   B. Nucleus   C. Organism   D. Battery

Directions: In each of the following questions, there is some relationship between the two terms to the left of : : and the same relationship holds between the two terms to its right. Also, in each question, one term either to the right of : : or to the left of it is missing. This term is given as one of the alternatives given below each question. Find out this term.

1. MAD : JXA :: RUN : ?

A. OSQ   B. PRJ   C. UXQ   D. ORK

2. BJCI : JBIC :: CXDW : ?

A. JCDU   B. BCJU   C. EVFU   D. XCWD

3. SHI : RIJ :: QJK : ?

A. TDE   B. PKL   C. UGH   D. VPQ

4. HCM : FAK :: SGD : ?

A. ESQ   B. GES   C. QEB   D. QIB

5. BFG : EIJ :: RVW : ?

A. UWY   B. UYZ   C. SWX   D. QUV

6. KPUF : PUFP : : MRWB : ?

A. RWBM   B. BMRB   C. RWBR   D. RWBP

7. MIRROR : 90 : : TERROR : ?

A. 90   B. 93   C. 94   D. 91

8. RED : WED : : CAT : ?

A. WAT   B. TAC   C. HAT   D. MAT

9. RGS : NBM : : KUB : ?

A. PFW   B. EPW   C. EQV   D. WPF

10. DA : HK : : RO : ?

A. MR　　　　　　　B. KM　　　　　　　C. LO　　　　　　　D. SP

Directions: In each of the following questions, there is a certain relationship between two given numbers on one side of :: and one number is given on another side of :: while another number is to be found from the given alternatives, having the same relationship with this number as the numbers of the given pair bear. Choose the best alternative.

1. 8 : 39 :: 72 : ?

A. 64　　　　　　　B. 312　　　　　　　C. 351　　　　　　　D. 300

2. 123 : 4 :: 726 : ?

A. 23　　　　　　　B. 26　　　　　　　C. 14　　　　　　　D. 12

3. 09 : 81 :: 04 : ?

A. 16　　　　　　　B. 25　　　　　　　C. 36　　　　　　　D. 49

4. 8 * 3 : 4 :: 6 * 5 : ?

A. 6　　　　　　　B. 5　　　　　　　C. 0　　　　　　　D. 4

5. 25 : 175 :: 32 : ?

A. 150　　　　　　　B. 170　　　　　　　C. 162　　　　　　　D. 160

6. 8 : 56 :: 9 : ?

A. 10　　　　　　　B. 63　　　　　　　C. 7　　　　　　　D. 9

7. MIRROR : 90 : : TERROR : ?

A. 90　　　　　　　B. 93　　　　　　　C. 94　　　　　　　D. 91

8. 25 : 343 : : 32 : ?

A. 125　　　　　　　B. 216　　　　　　　C. 512　　　　　　　D. 81

9. 85 : 55 : : 95 : ?

A. 65　　　　　　　B. 81　　　　　　　C. 72　　　　　　　D. 25

10. 74 : 65 : : 36 : ?

A. 39　　　　　　　B. 54　　　　　　　C. 45　　　　　　　D. 90

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

1. Chug : Train : : Bang : ?

A. House　　　　　　　B. Animal　　　　　　　C. Door　　　　　　　D. Man

2. HJIK : MONP : : PRQS : ?

A. UVWX　　　　　　　B. UWVX　　　　　　　C. UXWV　　　　　　　D. UWXV

3. RT : QU : : VX : ?

A. WY　　　　　　　B. TW　　　　　　　C. YW　　　　　　　D. UY

4. 343 : 678 : : 512 : ?

A. 1024　　　　　　　B. 1536　　　　　　　C. 1000　　　　　　　D. 1016

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5. Chiku : Fruit : Supermarket : : Novel : ? : ?
A. Book : Stationery   B. Book : Bookstore   C. Book : Shop   D. Shop : Market

6. ACD : ZWX : : FHJ : ?
A. QSU   B. UQS   C. SQU   D. USQ

7. 225 : 12 : 435 : ?
A. 12   B. 20   C. 25   D. 19

8. Air : Ubiquitous : : Fire : ?
A. Explosion   B. Oxygen   C. Water   `   D. Luminosity

9. 986 : 53 : : 725 : ?
A. 25   B. 39   C. 34   D. 35

10. AU : EQ : : EO : ?
A. FJ   B. IK   C. LN   D. GN

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Correct answers:

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
B	C	B	A	D	B	A	C	C	D	D	D	C	A	B	A	C	B	C	C	D	D	B	C	B

26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
A	B	C	D	C	C	D	A	C	D	B	B	A	A	C	C	B	D	D	B	B	D	D	C	B

Explanation:

1. The direction indicated by the second word in each pair lies 135° clockwise to that indicated by the first word.

   Hence, option B is correct.

2. Tectonics is the science dealing with the art of building. Similarly, taxidermy is the art of stuffing animals.

   Hence, option C is correct.

3. One is followed by other.

   Hence, option B is correct.

4. First is a type of the second.

   Hence, option A is correct.

5. First is prepared by the second.

   Hence, option D is correct.

6. Seconds, minutes and hours are the three units of time — seconds is the smallest unit and hours is the third unit in succession. Similarly, 'primary' represents initial stage and 'tertiary' represents the third stage in a process.

   Hence, option B is correct.

7. The words in each pair are antonyms of each other.

   Hence, option A is correct.

8. Taxonomy is the science dealing with classification. Similarly, pedology deals with study of soils.

   Hence, option C is correct.

9. First forms the basis of the second.

   Hence, option C is correct.

10. A head without hair called bald and a land without crop is called barren.

    Hence, option D is correct.

11. Physiology is a branch of Biology. Similarly, Metaphysics is a branch of Philosophy.

    Hence, option D is correct.

12. First is a comment on the second.

    Hence, option D is correct.

13. First is a process of preparing the second.

    Hence, option C is correct.

14. Number of petals constitute a flower. Similarly, number of pages constitute a book.

    Hence, option A is correct.

15. Roentgen discovered X-rays. Similarly, Bacquerel discovered radioactivity.

    Hence, option B is correct.

16. Second is a more intense form of the first.

    Hence, option A is correct.

17. Second denotes the family to which the first belongs.

    Hence, option C is correct.

18. First reminds us of the second.

    Hence, option B is correct.

19. Ocean is a moving body of water. Similarly, glacier is a moving body of snow.

    Hence, option C is correct.

20. First constitutes the second.

    Hence, option C is correct.

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21.

M A D
↓ ↓ ↓
−3 −3 −3
↓ ↓ ↓
J X A

Similarly,

R U N
↓ ↓ ↓
−3 −3 −3
↓ ↓ ↓
O R K

Hence, option D is correct.

22. 1st and 2nd or 3rd and 4th letter having interchange.

Similarly,

CXDW : XCWD

Hence, option D is correct.
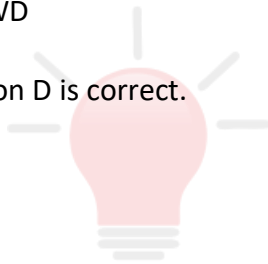
23.

S H I
↓ ↓ ↓
−1 +1 +1
↓ ↓ ↓
R I J
,

Q J K
↓ ↓ ↓
−1 +1 +1
↓ ↓ ↓
P K L

Hence, option B is correct.

24.

H C M
↓ ↓ ↓
−2 −2 −2
↓ ↓ ↓
F A K

Similarly,

```
S  G  D
↓  ↓  ↓
−2 −2 −2
↓  ↓  ↓
Q  E  B
```

Hence, option C is correct.

25.

```
 B  F  G
 ↓  ↓  ↓
+3 +3 +3
 ↓  ↓  ↓
 E  I  J
```

Similarly,

```
 R  V  W
 ↓  ↓  ↓
+3 +3 +3
 ↓  ↓  ↓
 U  Y  Z
```

Hence, option B is correct.

26.

KPUF ⟶ PUF**P**
         +5

Similarly,

MRWB ⟶ RWB**R**
         +5
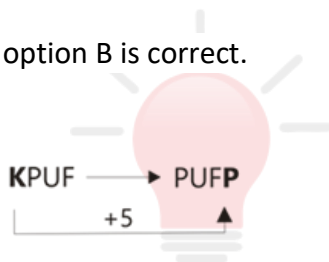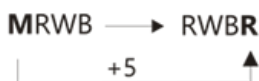
Letter at the first position becomes (K + 5) and takes the last position of the new word while all other letters shift one place from right to left.

So, **RWBR** or Option **C** is the correct answer.

27. The relation between the word and the respective number is as follows:
(Sum of the positions of letters from left end of the alphabet) - 1

M -13	T - 20
I - 9	E - 5
R -18	R - 18
R -18 Similarly,	R - 18
O -15	O - 15
R -18	R - 18
= 91	= 94

⇒ 91 - 1 = 90   ⇒ 94 - 1 = 93

Option B is hence the correct answer.

28. Letter at first position becomes (R + 5)

So, (C + 5) **HAT**.

```
   R  ED              C  AT
+5 |   |   Similarly, +5 |   |
   ↓   ↓                 ↓   ↓
   W  ED              H  AT
```

Hence, option C is correct.

29.
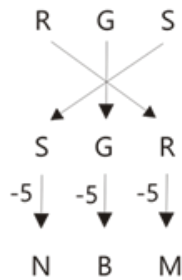
Similarly,
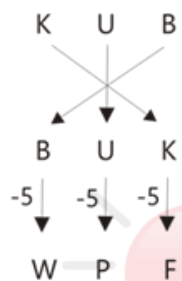
Hence, option D is correct.

30.   D $\xrightarrow{-3}$ A, H $\xrightarrow{+3}$ K

Similarly,

        R $\xrightarrow{-3}$ O, L $\xrightarrow{+3}$ O

Hence, option C is correct.

31. The antecedent; 8 is first getting multiplied by 5 and then it is getting subtracted by 1 as 8 is the first multiple of 8. (8 = 8 × 1)

⇒ 8 × 5 − 1 = 39

Similarly,

We'll first multiply 72 by 5 and then subtract 9 from it as 72 is the 9th multiple of 8. (72 = 8 × 9)

⇒ 72 × 5 − 9 = **351**.

Hence, option C is correct.

32.

$123 \Rightarrow \dfrac{12}{3} = 4$

Similarly,

$726 \Rightarrow \dfrac{72}{6} = 12$

In this question, first two digits of the given number are divided by the third one.

Hence, option D is correct.

33. $9 \Rightarrow 9^2 = 81$

Similalry,

$4 \Rightarrow 4^2 = $ **16**

Hence, option A is correct.

34. $8 - 3 = 5; 5 - 1 = 4$

Similarly;

$6 - 5 = 1; 1 - 1 = 0$

Alternatively,

$8 \times 3 = 24$: Its unit's digit is 4.

$6 \times 5 = 30$: Its unit's digit is 0.

Hence, option C is correct.

35. $25 \Rightarrow 25 \times (2 + 5) = 175$

Similarly,

$32 \Rightarrow 32 \times (3 + 2) = $ **160**

Hence, option D is correct.

36. The relation is $\Rightarrow x \times 7$

$8 \times 7 = 56$

Similarly,

$9 \times 7 = 63.$

Hence, option B is correct.

37. The relation between the word and the respective number is as follows:
(Sum of the positions of letters from left end of the alphabet) - 1

M -13		T - 20
I - 9		E - 5
R -18		R - 18
R -18	Similarly,	R - 18
O -15		O - 15
R -18		R - 18
= 91		= 94

$\Rightarrow 91 - 1 = 90 \qquad \Rightarrow 94 - 1 = 93$

Option B is hence the correct answer.

38. The second number is the cube of the sum of both the digits of the first number.

i.e. $2 + 5 = 7^3 = 343$

Similarly, $3 + 2 = 5^3 = 125$.

Hence, option A is correct.

39. The pattern follows as given below :

$85 = 8^2 - (8 - 5)^2 = 64 - 9 = 55$

Similarly, $95 = 9^2 - (9 - 5)^2 = 81 - 16 = 65$

Hence, option A is correct.

40. The pattern follows as given below:

$74 = 7^2 + 4^2 = 49 + 16 = 65$

Similarly, $36 = 3^2 + 6^2 = 9 + 36 = 45$

Hence, option C is correct.

41. The first is the sound of the second,

Hence, option (C) is correct.

42.
```
   H    J    I    K
  +5|  +5|  +5|  +5|
   ↓    ↓    ↓    ↓
   M    O    N    P
```

Similarly,

```
   P    R    Q    S
  +5|  +5|  +5|  +5|
   ↓    ↓    ↓    ↓
   U    W    V    X
```

Hence, option B is correct.

43.

Similarly,

Hence, option (D) is correct.

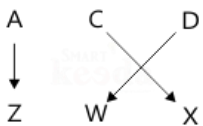**44.** $343 \times 2 = 686 - (2)^3 = 686 - 8 = 678$

Similarly, $512 \times 2 = 1024 - (2)^3 = 1024 - 8 = 1016$

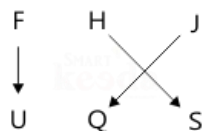Hence, option (D) is correct.

45. The second is a class of the first and is available at the third.

Hence, option (B) is correct.

46. The corresponding letters are the same - positioned letter from the right. However, the second and the third letter interchange their positions.

Similarly,

Hence, option (B) is correct.

47. $225 = 2 \times 5 + 2 = 12$

Similarly, $435 = 3 \times 5 + 4 = 19$

Hence, option (D) is correct.

48. Second one is the feature of the first one.

Air is present everywhere, so Ubiquitous is the feature of air.

Similarly fire is always radiant, thus luminosity is the feature of fire.

Hence option (D) is correct.

49. The numbers follow the below mentioned pattern-

986 = 9 + 8 + $(6)^2$ = 53

Similarly,

725 = 7 + 2 + $(5)^2$ = 34

Hence option (C) is correct.

50.

Hence option (B) is correct.

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