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REASONING

ANALOGY

**QUESTIONS AND ANSWERS
WITH SOLUTIONS (ENGLISH)**

Thousands of questions on Reasoning, Aptitude, Current Affairs, General Awareness, Banking Awareness, General Intelligence, English Language, Computer Knowledge, General Knowledge, Online Test & many more topics in two languages (English & Hindi)

Reasoning – Analogy Questions And Answers With Solutions (English)

Directions to solve:-

In each of the following questions find out the alternative which will replace the questions mark.

1. Fan: Wings: : Wheel : ?
(A) Round (B) Moves (C) Spokes (D) Air
2. Success : Failure : : Big : ?
(A) Great (B) Small (C) Good (D) Large
3. Divorce : Marriage : : False : ?
(A) True (B) Lie (C) Fiction (D) Story
4. Fire : Ashes : : Explosion : ?
(A) Flame (B) Death (C) Debris (D) Sound
5. Goat : Bleat : : Dog : ?
(A) Grunt (B) Bark (C) Howl (D) Bray

Directions to solve:-

In each of the following questions find out the alternative which will replace the questions mark.

6. Hot: Oven : : Cold : ?
(A) Ice Cream (B) Snow (C) A.C. (D) Refrigerator
7. School : Principal : : Office : ?
(A) Manager (B) Computer (C) Files (D) Teacher
8. Poetry : Rhyme : : Philosophy : ?
(A) Music (B) Law (C) Theory (D) Imagery
9. Principal : Doctrine : : Living: ?
(A) Dead (B) Will (C) Livelihood (D) Likelihood
10. Drum : Instrument : : Drill : ?
(A) Hammer (B) Oven (C) Tool (D) Crescendo

Directions to solve:-

In each of the following questions find out the alternative which will replace the questions mark.

11. Dictionary: Definition : : ? : Map
(A) Atlas (B) South (C) Direction (D) Longitude
12. Mechanic : Garage : : Professor : ?
(A) Shop (B) College (C) Station (D) Hospital

Reasoning – Analogy Questions And Answers With Solutions (English)

13. Board : Train :: ? : Horse

- (A) Shoe (B) Stable (C) Ride (D) Sit

14. Salt : High Blood Pressure :: Sugar : ?

- (A) Cholesterol (B) Diabetes (C) Sweet (D) Dehydration

15. 24 : 60 :: 210 : ?

- (A) 505 (B) 425 (C) 420 (D) 525

Directions to solve:-

In each of the following questions find out the alternative which will replace the questions mark

16. Ocean: Water :: Glacier : ?

- (A) Mountain (B) Cave (C) Refrigerator (D) Ice

17. Fruit : Mango :: Mammal : ?

- (A) Snake (B) Sparrow (C) Fish (D) Cow

18. Mountain : Hill :: River : ?

- (A) Canal (B) Ocean (C) glacier (D) Road

19. Amber : Yellow :: Carmine : ?

- (A) Red (B) Green (C) Blue (D) Violet

20. Earth : Axis :: Wheel : ?

- (A) Type (B) Road (C) Hub (D) Car

Reasoning – Analogy Questions And Answers With Solutions (English)

Answers

1. [C] 2. [B] 3. [A] 4. [C] 5. [B] 6. [D] 7. [A] 8. [C] 9. [C] 10. [C]
11. [A] 12. [B] 13. [C] 14. [B] 15. [D] 16. [D] 17. [D] 18. [A] 19. [A] 20. [C]

Solutions

1. Wings are parts of fan. Similarly spokes are the part of wheel.
2. Success is opposite to failure. Similarly big is opposite to small.
3. Marriage is opposite to divorce, Similarly True is opposite to false.
4. Second is the name given to the remains left after the first?
5. Second is the sound produced by the first.
6. An oven is an appliance too keeps food items hot. Similarly refrigerator keeps food items cold.
7. Principal is head of the school, Similarly Manager is the head of the office.
8. Poetry is often comprised of rhyme, philosophy is often built on theory.
9. A principal is synonym for doctrine, similarly living is synonym for livelihood.
10. A drum is type of instrument, and drill is a type of tool.
11. A dictionary is a book that contains definitions, similarly an atlas contains maps.
12. A mechanic works at garage and a professor works at college.
13. To board means to get on a train & to ride means to get on a horse.
14. Salt is responsible for high blood pressure, similarly sugar is responsible for diabetes.
15. $24 \times 2.5 = 60$, similarly, $210 \times 2.5 = 525$.
16. Ocean contains water in it, similarly glacier contains Ice in it.
17. Mango is fruit, similarly cow is mammal.
18. Hill is synonyms of mountain, similarly canal is synonyms of river.
19. Amber is shed of yellow and carmine is a shade of red.
20. Earth rotates about axis, similarly wheel is rotates about hub.



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REASONING

**BLOOD
RELATIONS**

**QUESTIONS AND ANSWERS
WITH SOLUTIONS (ENGLISH)**

Thousands of questions on Reasoning, Aptitude, Current Affairs, General Awareness, Banking Awareness, General Intelligence, English Language, Computer Knowledge, General Knowledge, Online Test & many more topics in two languages (English & Hindi)

Reasoning – Blood Relations Questions And Answers With Solutions (English)

1. Pointing towards a person, a man said to woman, "His mother is the only daughter of your father." How is the women related to that person?
(A) Daughter (B) Sister
(C) Mother (D) Wife
2. Pointing out to a lady, ram said, "She is the daughter of the women who is the mother of the husband of my mother." Who is the lady to ram?
(A) Aunt (B) Granddaughter
(C) Sister (D) Daughter
3. Pointing towards a person in the photograph, Anu said, "He is the only son of the father of my sister's brother." How is that person related to Anu?
(A) Father (B) Mother
(C) None of these (D) Cousin
4. Painting towards a bag, Reena said, "He is the son of only son of my grand Father." How is that boy related to Reena ?
(A) Cousin (B) Uncle
(C) Brother (D) None of these
5. A and B are brother. C and D are sister. A's son is D's brother. How is B Related to C?
(A) Uncle (B) Brother
(C) Grandfather (D) father
6. Pointing towards a lady, Ram said, "The son of her only brother is the brother of my wife." How is the lady related to Ram?
(A) Mother's Sister (B) Grandmother
(C) Mother-in-low (D) Sister of Father-in-law
7. A man said to a lady, "Your mother's husband's sister is my aunt." How is the lady related to the man?
(A) Daughter (B) Mother
(C) Sister (D) Aunt
8. A man said, "This girl is the wife of the grandson of my mother." How is the man related to a girl?
(A) Father (B) Grandfather
(C) Husband (D) Father-in-law
9. Introducing a man, a woman said, "He is the only son of my mother's mother". How is the woman related to the man?
(A) Mother (B) Aunt
(C) Sister (D) Niece

Reasoning – Blood Relations Questions And Answers With Solutions (English)

10. Introducing a man to her husband, a woman said, "His brother's father is the only son of my grandfather." How is woman related to this man?
(A) Mother (B) Aunt
(C) Sister (D) Daughter
11. A girl introduced a boy as the son of the daughter of the father of her uncle. How is boy is related to the girl?
(A) Cousin (B) Son
(C) Uncle (D) Nephew
12. If Komal says, "Ravi's mother is the only daughter of my mother". How is Komal related to Ravi?
(A) Grandfather (B) Maternal uncle
(C) Father (D) Brother
13. Pointing to a man in a photograph, a woman said, "His brother's father is the only son of my grandfather, "How is the woman related to the man in the photograph?
(A) Mother (B) Aunt
(C) Sister (D) Daughter
14. Anil introduces Rohit as the son of the only brother of his father's wife. How is Rohit related to Anil?
(A) Cousin (B) Son
(C) Uncle (D) Brother
15. Pointing to a photograph, Rohit said, "she is the daughter of my grandfather's only son. " How Rohit related to the girl in the photograph?
(A) Father (B) Brother
(C) Cousin (D) Uncle
16. A man pointing to a photograph says, "The lady in the photograph is my nephew's maternal grandmother." How is he lady in the photograph related to the man's sister who has no other sister?
(A) Cousin (B) Sister
(C) Mother (D) Mother-in-Law
17. Pointing to a photograph, a woman says, " This man's son's sister-in-Law." How is the woman's husband related to the man in the photograph?
(A) Grandson (B) Son
(C) Son-in-Law (D) Nephew
18. Pointing towards a photograph, a lady tells Pramod, 'I am the only daughter of this lady and her son is your maternal uncle.' How is the lady related to Pramod's father?
(A) Sister-in-Law (B) Wife
(C) Anut (D) Mother
19. Amit said – "This girl is the wife of the grandson of my mother." How is Amit related to the girl?
(A) Brother (B) Grandfather
(C) Husband (D) Father-in-Law

Reasoning – Blood Relations Questions And Answers With Solutions (English)

20. Pointing to Ram, Shyam said, "I am the only son of one of the sons of his father." How is Ram related to Shyam?
- (A) Nephew (B) Uncle
(C) Father or uncle (D) Father

Answers

1. [C] 2. [A] 3. [C] 4. [C] 5. [A] 6. [D] 7. [C] 8. [D] 9. [D] 10. [C]
11. [A] 12. [B] 13. [C] 14. [A] 15. [B] 16. [C] 17. [A] 18. [B] 19. [D] 20. [C]

Reasoning – Blood Relations Questions And Answers With Solutions (English)

Solutions

1. The only daughter of women's father is herself. So, the Person is women's son, i.e. the woman is person's mother.
2. Mother's husband – Father; Father's mother – Grandmother; Grandmother's daughter; father's sister; father's sister – Aunt
So, the lady is Ram's aunt.
3. Sister's brother – Brother, Brother's father – father, father's son – Brother]
So, the person in the photograph is Anu's brother
4. Only son of grandfather – father son of father – Brother So, the boy is Reena's brother
5. B is the brother of A, A's son is D's brother. This Means D is daughter of A.
Since C & D are sister, C is also the daughter of A.
So, B is the uncle of C
6. Wife's brother = Brother-in-law
Son of lady's brother is the brother-in-law of Ram.
So, lady's brother is Ram's father-in-law i.e.
The lady is the sister of Ram's father-in-law.
7. Lady's mother's husband = lady's father
Lady's father's sister = lady's aunt
So, lady's aunt is man's aunt and therefore the lady is man's sister.
8. Mother's grandson = Son, Son's wife = Daughter-in-law
9. Mother's mother = maternal grandmother
Maternal grandmother's only son = Maternal Uncle
So, the man is woman's maternal uncle i.e.
The woman is man's Niece.
10. Only son of woman's grandfather = woman's father,
Man's brother's father = man's father
So, man's father is woman's father
i.e. woman is the man's Sister.
11. Daughter of the father of uncle – uncle's sister
Son of uncle's sister - cousin
12. Only daughter of Komal's mother – Kamol's sister So, Ravi's mother is Kamol's sister or Kamol is the brother of Ravi's mother or Kamol is Ravi's maternal uncle.

Reasoning – Blood Relations Questions And Answers With Solutions (English)

13. Only son of woman's grandfather – woman's father man's brother's father – man's father.
So, the woman is man's sister.
14. Father's wife – Mother, Mother's Brother – Maternal uncle
Maternal uncle's son – cousin,
So, Rohit is Anil's cousin.
15. Grandfather's only son – father
Daughter of father – sister
So, Rohit is the brother of the girl.
16. The only is the grandmother of man's sister son.
i.e. The mother of the mother of man's sister's son.
i.e. The mother of man's sister.
17. Man's son's sister – man's daughter
So, the man's daughter is the mother of the woman's husband. Thus woman's husband is the grandson of the man in the photograph.
18. Lady's brother is Pramod's maternal uncle, So, the lady is Pramod's mother or his father's wife.
19. The girl is the wife of grandson of Amit's mother.
i.e. the girl is the wife of son of Amit. So, Amit is the father-in-law of the girl.
20. Shyam is the only son of one of the sons of Ram's father.
So, Ram is either father or uncle of Shyam.



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Reasoning – Blood Relations Questions And Answers With Solutions (English)

Directions to solve (Q. 1 to Q. 5):-

Study the following information and answer the question given below it.

All the six members of a family A, B, C, D, E, and F are travelling together. B is the son C but C is not the mother of B. A and C are a married couple. E is brother of C. D is the daughter of A. F is the brother of B.

1. How many male members are there in the family?
(A) 1 (B) 2
(C) 3 (D) 4
2. Who is the mother of B?
(A) D (B) F
(C) E (D) A
3. How many children does A have?
(A) One (B) Two
(C) Three (D) Four
4. Which of the following is a pair of females?
(A) AE (B) BD
(C) DF (D) AD
5. How is E related to D?
(A) Father (B) Brother
(C) Uncle (D) Son

Directions (Q.6 to Q.10):-

Read the following information carefully to answer these questions.

- (i) 'A \$ B' means 'A is mother of B'
(ii) 'A # B' means 'A is father of B'
(iii) 'A @ B' means 'A is husband of B'
(iv) 'A % B' means 'A is daughter of B'

6. P @ Q \$ M # T indicated what relationship of P with T?
(A) Paternal grandmother (B) Maternal grandmother
(C) Paternal grandfather (C) Maternal grandfather
7. Which of the following expressions indicates R is the sister of H?
(A) H \$ D @ F # R (B) R % D @ F \$ H
(C) R \$ D @ F # H (C) H % D @ F \$ R
8. If F @ D % K # H, then how is F related to H?
(A) Brother-in-law (B) Sister
(C) Sister-in-law (C) None of these

Reasoning – Blood Relations Questions And Answers With Solutions (English)

9. Which of the following expressions indicates H is the brother of N?
(A) H # R \$ D \$ N (B) N % F @ D \$ H # R
(C) N % F @ D \$ H (C) N % F @ D % H
10. If G \$ M @ K, how is K related to G?
(A) Daughter-in-law (B) Mother-in-law
(C) Daughter (C) Aunt

Directions (Q.11 to Q.15):-

Read the following information carefully to answer these questions.

A family consists of six members P, Q, R, S, T, and U. there are two married couples. Q is a doctor and the father of T. U is grandfather of R and is a contractor S is grandmother of T and is a housewife. There is one doctor, one contractor, one nurse, one housewife and two students in the family.

11. Who is the husband of P?
(A) R (B) U
(C) Q (D) S
12. Who is the sister of T?
(A) R (B) U
(C) T (D) S
13. Which of the following are two married couples?
(A) US, QT (B) US, QP
(C) TS, RU (D) US, RP
14. What is the profession of P?
(A) Doctor (B) Nurse
(C) Housewife (D) None of these
15. Which of the following is definitely a group of male members?
(A) QU (B) QUT
(C) QUP (D) UT

Directions (Q.16 to Q.20):-

Read the following information carefully to answer these questions.

A family consists of six members P, Q, R, X, Y, & Z. Q is the son of R but R is not mother of Q. P and R are a married couple. Y is the brother of R. X is the daughter of P. Z is the brother of P.

16. Who is the brother-in-law of R?
(A) P (B) Z
(C) Y (D) X

Reasoning – Blood Relations Questions And Answers With Solutions (English)

17. Who is the father of Q?

- (A) R (B) P
(C) Y (D) None of the

18. How many children does P have?

- (A) One (B) Two
(C) Three (D) four

19. How is Q related to X?

- (A) Husband (B) Father
(C) Brother (D) Uncle

20. Which is a pair of brothers?

- (A) P and X (B) P and Z
(C) Q and X (D) R and Y

Answers

1. [D] 2. [D] 3. [C] 4. [D] 5. [C] 6. [C] 7. [B] 8. [A] 9. [B] 10. [A]
11. [C] 12. [A] 13. [B] 14. [B] 15. [A] 16. [B] 17. [A] 18. [B] 19. [C] 20. [D]

Reasoning – Blood Relations Questions And Answers With Solutions (English)

Solutions

Solutions (Q.1 to Q.5):-

B is the son of C but C is not mother of B means C is the father of B. A is married to C, means A is mother of B. F is the brother of B means F is son of A and C. D is the daughter of A means D is daughter of A and C.

1. A is the mother and hence female. B is son hence male. C is husband hence male. D is the daughter hence female. E is the brother hence male. F is the son hence male.
So, there are four males.
2. Clearly A is the mother of B.
3. A has son B, Son F and Daughter D i.e. A has three children.
4. Clearly, the females are only the mother A and daughter D.
5. E is the brother of C who is the father of D. So, E is uncle of D.

Solutions (Q.6 to Q.10):-

6. P @ Q \$ M # T means P is the husband of Q who is mother of M who is the father of T
i.e. P is the father of T's father
i.e. P is the T's paternal grandfather
7. R is the sister of H means R is the daughter of the father of H
i.e. R is the daughter of the husband (say D) of the mother (say F)
i.e. R % D @ F \$ H
8. F @ D % K # H means F is the husband of D who is the daughter of K who is the father of H.
i.e. F is the husband of D who is the sister of H.
i.e. F is H's brother-in-law.
9. H is the brother of N means N is the daughter of H's father and H is a male
i.e. N is the daughter of the husband (say F) of the mother (say D) of H
and H is the father or husband of some other person (say R)
i.e. N % F @ D \$ H # R
10. G \$ M @ K means G is the mother of M who is the husband of K
i.e. K is G's daughter-in-law

Reasoning – Blood Relations Questions And Answers With Solutions (English)

Solutions (Q.11 to Q.15):-

Q, the Doctor, is the father of T. S, the housewife is the grandfather of T and hence the mother of Q. since there are only two married couples one being that of Q, the grandfather of R i.e. U must be married to S. Thus, R and T will be both children of Q and these must be the students. So, P, who remains, shall be the wife of Q and she alone can be the nurse. Thus, U must be the contractor.

11. Q is the husband of P.
12. R and T are children of same parents, R is the sister of T.
13. The two married couple are Q. P and U.S.
14. P is the nurse.
15. Since Q is the father and U is the grandfather. So, this is a group of male members.

Solutions (Q.11 to Q.15):-

Q is the son of R but R is not the mother. So, R is the father of Q, P is married to R. So, P is the wife of R and the mother of Q. X is the daughter of P and hence of R and so she is the sister of Q. Y is the brother of R and Z is the brother of P.

16. R is the husband of P and Z is the brother of P. So, Z is the brother in law of R.
17. Q is the son of R but R is not mother of Q. So, R is the father of Q.
18. Clearly, Q is the son of P and X is the daughter of P. So, P has two children.
19. X is the sister of Q who is a male. So, Q is brother of X.
20. Clearly, Y is brother of R who is a male. So, Y and R is a pair of brothers.



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REASONING

CLASSIFICATION

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Reasoning – Classification Questions And Answers With Solutions (English)

Direction (Q.1 to Q.5):-

In each of the following questions, four words have been given out of which three are alike in same manner, while the fourth one is different. Choose out the different one.

1. Choose the different word from the following.
(A) Lion (B) Bear (C) Tiger (D) Leopard
2. Choose the different word from the following.
(A) Rose (B) Marigold (C) Lily (D) Banana
3. Choose the different word from the following.
(A) Chilli (B) Tomato (C) Potato (D) Brinjal
4. Choose the different word from the following.
(A) Sweater (B) Shirt (C) Trouser (D) Jacket
5. Choose the different word from the following.
(A) Bus (B) Truck (C) Cycle (D) Scooter

Direction (Q.6 to Q.10):-

In each of the following questions, four words have been given out of which three are alike in same manner, while the fourth one is different. Choose out the different one.

6. Choose the different word from the following.
(A) Iron (B) Sodium (C) Chlorine (D) Iodine
7. Choose the different word from the following.
(A) Mars (B) Sun (C) Saturn (D) Pluto
8. Choose the different word from the following.
(A) Blacksmith (B) Hammer (C) Axe (D) knife
9. Choose the different word from the following.
(A) Semicircle (B) Semi-final (C) Seminar (D) Semicolon
10. Choose the different word from the following.
(A) Mosquito (B) Butterfly (C) Spider (D) Housefly

Reasoning – Classification Questions And Answers With Solutions (English)

Direction (Q.11 to Q.15):-

In each of the following questions, four words have been given out of which three are alike in same manner, while the fourth one is different. Choose out the different one.

11. Choose the different word from the following.

- (A) 11 (B) 16 (C) 22 (D) 29

12. Choose the different word from the following.

- (A) 31 (B) 36 (C) 27 (D) 42

13. Choose the different word from the following.

- (A) 25 (B) 36 (C) 49 (D) 65

14. Choose the different word from the following.

- (A) 37 (B) 28 (C) 42 (D) 56

15. Choose the different word from the following.

- (A) 767 (B) 535 (C) 484 (D) 397

Direction (Q.16 to Q.20):-

In each of the following questions, four pairs of word are given out of which the words in three pairs bear a certain common relationship. Choose the pairs in which the words are differently related.

16. Choose the pair which is different in relation.

- (A) Smell : Nose (B) Hear : Ears (C) Tongue : Taste (D) See : Eye

17. Choose the pair which is different in relation.

- (A) Petrol : Car (B) Ink : Pen (C) Garbage : Dustbin (D) Lead : Pencil

18. Choose the pair which is different in relation.

- (A) Hard : Soft (B) Long : High (C) Sweet : Sour (D) Pointed : Blunt

19. Choose the pair which is different in relation.

- (A) Shirt : Dress (B) Boy : Girl (C) Mango : Fruit (D) Table : Furniture

20. Choose the pair which is different in relation.

- (A) Book : Page (B) Table : Drawer (C) Loom : Cloth (D) Car : Wheel

Reasoning – Classification Questions And Answers With Solutions (English)

Answers

1. [B] 2. [D] 3. [C] 4. [C] 5. [C] 6. [A] 7. [B] 8. [A] 9. [C] 10. [C]
11. [B] 12. [C] 13. [D] 14. [A] 15. [D] 16. [C] 17. [C] 18. [B] 19. [B] 20. [C]

Solutions

1. Lion, Tiger and Leopard all these belong to Cat family. But Bear is different one.
2. Here, banana is a fruit and all others are flowers.
3. Except Potato all other are grown above ground while Potato is grown under ground.
4. Except Trouser all other garments cover the upper part of the body.
5. Except Cycle all other vehicles run on fuel.
6. Except Iron all are volatile. While Iron is non-volatile.
7. Except Sun all are planets. While Sun is star.
8. Except blacksmith all are tools.
9. Except Seminar, 'Semi' indicates 'half' in all.
10. Except Spider all are flying insects.
11. 16 is only perfect square number in the group.
12. 27 is only perfect cube number in the group.
13. Except 65 all numbers are perfect square.
14. Only 37 is prime number in the group.
15. Except 397 in all other numbers the first and the last digit are same.
16. In all other pair first denotes the function performed by the second.
17. In all other pair first is required by the second for its functioning.
18. The word in all other pairs are antonyms of each other.
19. In all other pair second denotes the class to which the first belongs.
20. On all other pair second is a part of the first.



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REASONING

**CODING
AND
DECODING**

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Reasoning – Coding And Decoding Questions And Answers With Solutions (English)

1. In a certain code, 'KAVERI' is written as 'VAKIRE'. How will 'MYSORE' written in that code?
(A) EROSYM (B) SYMROE
(C) SYMEOR (D) SYMERO
2. In a certain code, if 'LOUD' is written as 'JQSF', then which of the following English word will be coded as 'PKQG'?
(A) RISE (B) ROPE
(C) ROAD (D) RICH
3. In a certain code, 'SPIDER' is written as 'PSDIRE'. How will be "COMMON" written in that code?
(A) OCOMMO (B) OCMMNO
(C) OCMOMN (D) OCMMON
4. If 'BOMBAY' is written as 'MYMYMY'. How will "TAMILNADU" be written in that code?
(A) TIATIATIA (B) MNUMNUMNU
(C) IATIATAT (D) ALDALDALD
5. In a certain, 'DECEMBER' is written as 'ERMBCEDE', which word will be written as 'ERMBVENO in that code?
(A) BERNOVEM (B) NOVEMBER
(C) EMBERNOV (D) NOVBEREM
6. In a certain code, 'MOTHER' is written as 'ONHURE', how will be 'ANSWER' written in that code?
(A) NBXSSE (B) NBWRRE
(C) MAVSPE (D) NBWTRE
7. In a certain code, 'OPERATION' is written as 'NODQBUJPO', how will be 'INVISIBLE' written in that code?
(A) HMUHTJCMF (B) HMUHTHAKD
(C) JOWJTHAKD (D) JOWJTJCMF
8. In a certain code, 'GRASP' is coded as 'BMVNK' which word would be coded as 'CRANE'?
(A) FUDQH (B) HWFST
(C) GVERI (D) XMVIZ
9. In a certain code, 'SWITCH' is written as "TVJSDG", which word would be written as 'CQFZE'?
(A) BARED (B) BRAED
(C) BREAD (D) BRADE
10. In a certain code, "MIND" is written as 'KGLB' and 'ARGUE' written as 'YPESC', then how will be 'DIAGRAM' written is that code?
(A) BGYEPYK (B) BGYPYEK
(C) GLPEYKB (D) LKBGYPK

Reasoning – Coding And Decoding Questions And Answers With Solutions (English)

11. In a certain code. LUTE is written as MUTE and FATE is written as GATE, then how will BLUE be written in that code?
(A) CLUE (B) GLUE
(C) FLUE (D) SLUE
12. In a certain code language, GERMINATION is written as IMGRENNOAIT. How is ESTABLISHED written in that code?
(A) BEATSLDEIHS (B) BAETSLEDIHS
(C) BATESLDEIHS (D) BAETSLDEIHS
13. In a certain code, BASIC is written as DDULE. How is LEADER written in that code?
(A) NGCFG T (B) NHCGGU
(C) OGD FHT (D) OHDGHU
14. In certain code. CLOUD is written as GTRKF. How SIGHT written in that code?
(A) UGHHT (B) UHJFW
(C) WFJGV (D) WGJHV
15. In certain code language, POND is coded as RSTL, how is HEAR written in that code?
(A) GHIJ (B) GHIZ
(C) JIGZ (D) JCLZ
16. If GOLD is coded as HOME, COME is coded as DONE and CORD is coded as CODE, how would you code SONS?
(A) TPOT (B) TOOT
(C) TOOS (D) TONT
17. In a certain code, CALANDER is written as CALCNDER. How is CIRCULAR written in that code?
(A) ICCRLURA (B) CRIUCLRA
(C) ICRC LUAR (D) CRIUCALR
18. If DIRECTIN is coded as RIDTCENOI, then PRINCIPAL will be coded as -
(A) IRPICNLAP (B) RIPICNALP
(C) PIRCNIPLA (D) ICNRIPALP
19. In a certain code language, GEORGE is written CAKNCE then, how is JOSEPH written in that code?
(A) KALFOD (B) FKOALD
(C) KOFALD (D) KOFDLA
20. In a certain code language. TRUTHFUL is written as VTWVJHWN. In that code how FAITHFUL will written?
(A) HKCHVJWN (B) HCKJVHWN
(C) HCKVJHWN (D) CHKVJHWN

Answers

1. [D] 2. [A] 3. [B] 4. [B] 5. [B] 6. [D] 7. [A] 8. [D] 9. [C] 10. [A]
11. [A] 12. [D] 13. [B] 14. [D] 15. [C] 16. [B] 17. [D] 18. [A] 19. [B] 20. [C]

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Reasoning – Coding And Decoding Questions And Answers With Solutions (English)

Solutions

1. The letters in the first half and second half of the words are written in the reverse order to Obtain the code. Thus we have.

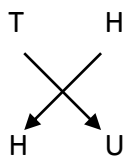
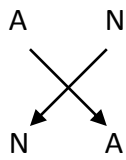
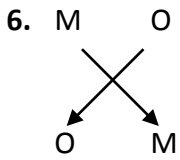
MYSORE – MYS/ORE → SYM/ERO → SYMERO

2. $L \xrightarrow{+2} J$ $R \xrightarrow{+2} P$
 $O \xrightarrow{+2} Q$ $I \xrightarrow{+2} K$
Similarly
 $U \xrightarrow{-2} S$ $S \xrightarrow{+2} Q$
 $D \xrightarrow{+2} F$ $E \xrightarrow{+2} G$

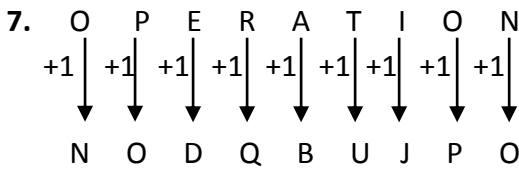
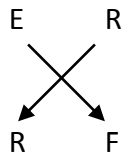
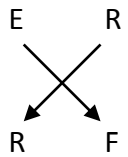
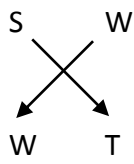
3. $\begin{array}{cc} S & P \\ \swarrow & \searrow \\ P & S \end{array}$ $\begin{array}{cc} C & O \\ \swarrow & \searrow \\ O & C \end{array}$
 $\begin{array}{cc} I & D \\ \swarrow & \searrow \\ D & I \end{array}$ Similarly $\begin{array}{cc} M & M \\ \swarrow & \searrow \\ M & M \end{array}$
 $\begin{array}{cc} E & R \\ \swarrow & \searrow \\ R & E \end{array}$ $\begin{array}{cc} O & N \\ \swarrow & \searrow \\ N & O \end{array}$

4. The letters at the third and sixth places i.e. M & Y. Are repeated thrice to code BOMBAY as MYMYMY. Similarly the letters at the third, sixth and ninth places i.e. M,N & U. Are repeated thrice to code TAMILNADU as MNUMNUMNU.
5. The word is divided into groups of two letters each and then these groups are written in the reverse order
DECEMBER → DE/CE/MB/ER → ER/MB/CE/DE
NOVEMBER → NO/VE/MB/ER → ER/MB/VE/NO

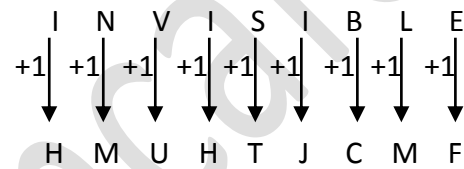
Reasoning – Coding And Decoding Questions And Answers With Solutions (English)



Similarly



\Rightarrow



8. G $\xrightarrow{-5}$ B

C $\xrightarrow{-5}$ X

R $\xrightarrow{-5}$ M

R $\xrightarrow{-5}$ M

Similarly

A $\xrightarrow{-5}$ V

A $\xrightarrow{-5}$ V

S $\xrightarrow{-5}$ N

N $\xrightarrow{-5}$ I

P $\xrightarrow{-5}$ K

E $\xrightarrow{-5}$ Z

9. S $\xrightarrow{+1}$ T

B $\xrightarrow{+1}$ C

W $\xrightarrow{-1}$ V

R $\xrightarrow{-1}$ Q

Similarly

I $\xrightarrow{+1}$ J

E $\xrightarrow{+1}$ F

T $\xrightarrow{-1}$ S

A $\xrightarrow{-1}$ Z

C $\xrightarrow{+1}$ D

D $\xrightarrow{+1}$ E

H $\xrightarrow{-1}$ G


Reasoning – Coding And Decoding Questions And Answers With Solutions (English)

10. $M \xrightarrow{-2} K$ $A \xrightarrow{-2} Y$
 $I \xrightarrow{-2} G$ $R \xrightarrow{-2} P$
 And
 $N \xrightarrow{-2} L$ $G \xrightarrow{-2} E$
 $D \xrightarrow{-2} B$ $U \xrightarrow{-2} S$
 $E \xrightarrow{-2} C$

Similarly,

- $D \xrightarrow{-2} B$
 $I \xrightarrow{-2} G$
 $A \xrightarrow{-2} Y$
 $G \xrightarrow{-2} E$
 $R \xrightarrow{-2} P$
 $A \xrightarrow{-2} Y$
 $M \xrightarrow{-2} K$

11. The first letter of the word is moved one step forward to obtain the first letter of the code, while the other letters remain unaltered.

LUTE → MUTE, FATE → GATE, BLUE → CLUE


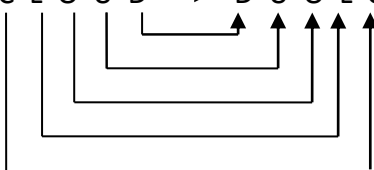
12. G E R M I N A T I O N
 1 2 3 4 5 ↑ 1 2 3 4 5
 ↓
 I M G R E N N O A I T
 5 4 3 2 1 5 4 3 2 1

Similarly

E S T A B L I S H E D
 1 2 3 4 5 ↑ 1 2 3 4 5
 ↓
 B A E T S L D E I H S
 5 4 3 2 1 5 4 3 2 1

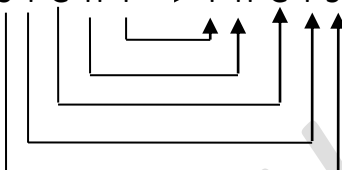
Reasoning – Coding And Decoding Questions And Answers With Solutions (English)

13. $B \xrightarrow{+2} D$ $L \xrightarrow{+2} N$
 $A \xrightarrow{+3} D$ $E \xrightarrow{+3} H$
 Similarly
 $S \xrightarrow{+2} U$ $A \xrightarrow{+2} C$
 $I \xrightarrow{+3} L$ $D \xrightarrow{+3} G$
 $C \xrightarrow{+2} E$ $E \xrightarrow{+2} G$
 $E \xrightarrow{+3} G$

14. $C L O U D \rightarrow D U O L C$ Then,
- 

- $D \xrightarrow{+3} G$
 $U \xrightarrow{-1} T$
 $O \xrightarrow{+3} R$
 $L \xrightarrow{-1} K$
 $C \xrightarrow{+3} F$

Similarly,

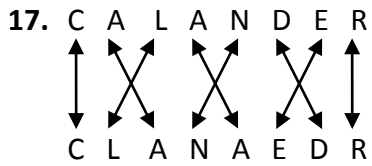
- $S I G H T \rightarrow T H G I S$ Then,
- 

- $T \xrightarrow{+3} W$
 $H \xrightarrow{-1} G$
 $G \xrightarrow{+3} J$
 $I \xrightarrow{-1} H$
 $S \xrightarrow{+3} V$

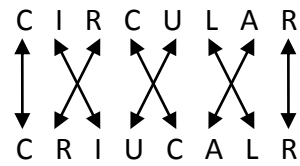
15. $P \xrightarrow{+2} R$ $H \xrightarrow{+2} J$
 $O \xrightarrow{+4} S$ $E \xrightarrow{+4} I$
 Similarly
 $N \xrightarrow{+6} T$ $A \xrightarrow{+6} G$
 $D \xrightarrow{+8} L$ $R \xrightarrow{+8} Z$

16. Each consonant in the word is moved one step forward to obtain the corresponding letter of the code, while the vowels remain unchanged.

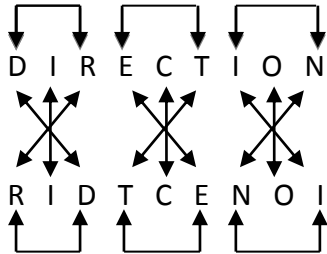
Reasoning – Coding And Decoding Questions And Answers With Solutions (English)



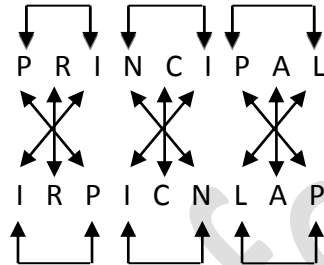
Similarly



18. The word is divided into groups of three letters each and then the letters in each group are written in a reverse order to obtain the code.



Similarly



19. Each letter of the word is moved four steps backward to obtain the code.

G $\xrightarrow{-4}$ C

J $\xrightarrow{-4}$ F

E $\xrightarrow{-4}$ A

O $\xrightarrow{-4}$ K

Similarly

O $\xrightarrow{-4}$ K

S $\xrightarrow{-4}$ O

R $\xrightarrow{-4}$ N

E $\xrightarrow{-4}$ A

G $\xrightarrow{-4}$ C

P $\xrightarrow{-4}$ L

E $\xrightarrow{-4}$ A

H $\xrightarrow{-4}$ D

20. Each letter in the word is moved two forward to obtain the corresponding letter of code.

T $\xrightarrow{+2}$ V

J \longrightarrow F

R $\xrightarrow{+}$ T

O \longrightarrow C

U $\xrightarrow{+2}$ W

I \longrightarrow K

T $\xrightarrow{+2}$ V

E \longrightarrow A

H $\xrightarrow{+2}$ J

Similarly

P \longrightarrow L

F $\xrightarrow{+2}$ H

H \longrightarrow D

U $\xrightarrow{+2}$ W

P \longrightarrow L

F $\xrightarrow{+2}$ H

H \longrightarrow D



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REASONING

**SEATING
ARRANGEMENT**

**QUESTIONS AND ANSWERS
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Reasoning - Seating Arrangement Questions And Answers With Solutions (English)

Direction (Q.1 to Q.5):-

Study the following information carefully and answer the question given below.

A, B, C, D, E, F, G and H are sitting around a circular table facing centre. H is fourth to the left of B and second to the right of F. A is third to the left of C, who is not an immediate neighbour of F. G is second to the left of A. D is second to the right of E.

1. Who is on the immediate right of F?
(A) H (B) A (C) G (D) E
2. Who is third to the left of A?
(A) C (B) F (C) B (D) G
3. In which of the following pairs is the first person sitting on the immediate left of the second person?
(A) EH (B) DB (C) CE (D) AF
4. Which of the following pairs represents the immediate neighbours of E?
(A) DH (B) HC (C) CA (D) None of These
5. Who is on the immediate right of H?
(A) E (B) C (C) H (D) F

Direction (Q.6 to Q.10):-

Study the following information carefully and answer the question given below.

A, B, C, D, E, F, G, H and K are sitting around a circular table facing centre. B is fourth to the left of G, who is second to the right of C. F is fourth to the right of C and second to the left of K. A is fourth to the right of K. D is not immediate neighbour of either K or B. H is third to the right of E.

6. Who is fourth to the right of D?
(A) K (B) H (C) E (D) B
7. In which of following combinations is the third person sitting in between the first and second persons?
(A) EKB (B) CHB (C) AGC (D) FGD
8. Who is third to the right of H?
(A) A (B) D (C) G (D) F
9. Who is the fourth to the left of E?
(A) A (B) C (C) G (D) K
10. Who is second to the right of K?
(A) C (B) H (C) F (D) E

Reasoning - Seating Arrangement Questions And Answers With Solutions (English)

Direction (Q.11 to Q.15):-

Read the following information carefully and answer the question given below.

Six People C, D, E, F, G, and H are standing in a straight line facing north not necessarily in the same order. D is second to the right of F. C is standing fourth to the left of H and H is not standing on the extreme end of the line. E is standing second right of D.

11. What is the position of G with respect to E?
(A) Immediate left (B) Second to the left
(C) Third to left (D) Third to right
12. Which of the following pairs represents the people standing at the extreme ends of the line?
(A) FH (B) CE (C) DE (D) DH
13. Who is standing second to the right of C?
(A) F (B) D (C) G (D) E
14. Three of following four are alike in a certain way based on their positions in the above arrangement and so form a group. Which of the following does not belong to the group?
(A) CG (B) GE (C) GH (D) DE
15. In all the people are asked to stand in an alphabetical order from left to right, the positions of how many will remain unchanged?
(A) One (B) Two (C) Three (D) Four

Direction (Q.16 to Q.20):-

Read the following information carefully and answer the question given below.

A, B, C, X, Y and Z are seated in a straight line facing north. C is third to the right of Z and B sits second to the right of C. X sits to the immediate right of A.

16. Which of the following represents the pair of persons sitting exactly in the middle of the line?
(A) XB (B) ZB (C) BX (D) XC
17. What is X's position with respect to Z?
(A) Immediate right to Z (B) Second to the left
(C) Third to the right (D) Third to the left
18. Three of following four are alike in a certain way based on their sitting positions in the above arrangement and so form a group. Which is the one that does not belong to the group?
(A) ZA (B) XC (C) CY (D) XA
19. How many persons are seated between A and C?
(A) One (B) Two (C) Three (D) Four
20. If A : X and Z : A, then Y : ??
(A) Y (B) B (C) A (D) X

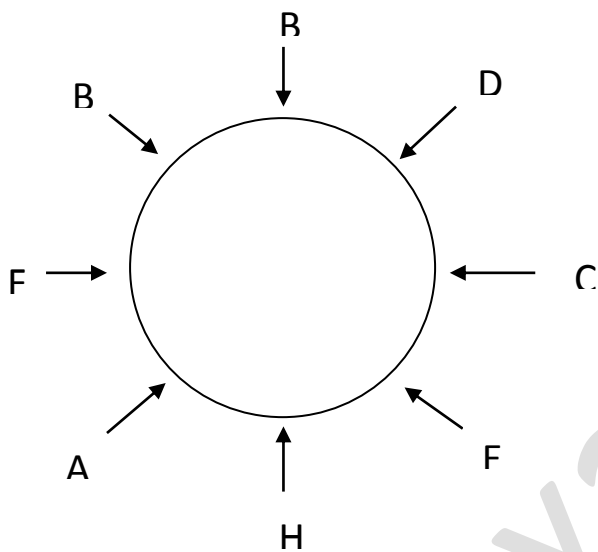
Reasoning - Seating Arrangement Questions And Answers With Solutions (English)

Answers

1. [B] 2. [C] 3. [B] 4. [B] 5. [A] 6. [D] 7. [D] 8. [C] 9. [A] 10. [B]
11. [C] 12. [B] 13. [C] 14. [B] 15. [A] 16. [D] 17. [D] 18. [B] 19. [A] 20. [B]

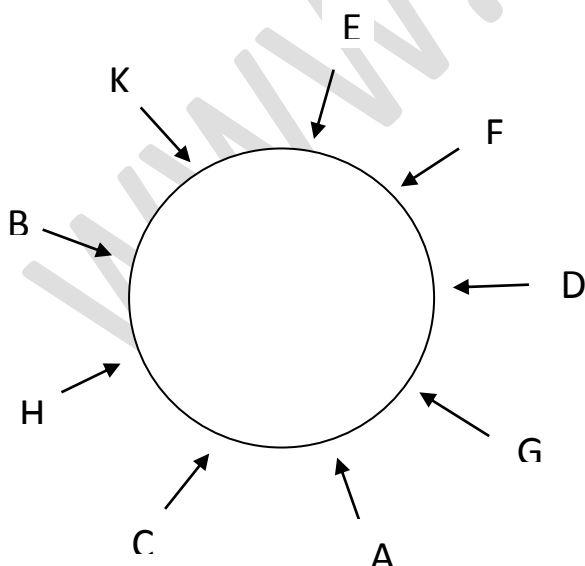
Solutions

Solutions (Q.1 to Q.5)



1. A is one the immediate right on the F.
2. B is third to the left of A.
3. D is sitting immediate left of B.
4. H and C are immediate neighbours of E.
5. E is the immediate neighbours of H.

Solutions (Q.6 to Q.10)



6. B is fourth to the right of d.
7. D is sitting between F and G.
8. G is third to the right of H.
9. A is fourth to the left of E.
10. H is second to the right of K.

Reasoning - Seating Arrangement Questions And Answers With Solutions (English)

Solutions (Q.11 to Q.15)

D is standing second to the right of F i.e. F*D. E is standing second to the right of D i.e. F*D*E.

H is not standing on the extreme end of line and C is standing fourth to the left of H.

So, H must be standing between D and E.

Final position will be as following.

Facing	↑	•	•	•	•	•	•
North	↑	C	F	G	D	H	E

Solutions (Q.16 to Q.20)

According to the given information, the final arrangement is as following.

↑	Facing	•	•	•	•	•	•
↑	North	Z	A	X	C	Y	B

16. X and C are sitting exactly middle of the line.

17. X is second to the right of Z.

18. X A does not belong to that group because in this pair, second person is sitting to the immediate left of first person, while in others second person is sitting to the immediate right of first person.

19. Only X is sitting between A and C.

20. In the given two pairs, second person is sitting to the immediate right first person. B is sitting immediate right of Y.



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REASONING

**SEQUENCE
OF WORDS**

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Reasoning – Sequence of Words Questions And Answers With Solutions (English)

1. Arrange the words given below in a meaningful sequence.

1. Nation 2. Village 3. City 4. District 5. State

(A) 2, 3, 4, 5, 1.

(B) 2, 3, 4, 1, 5.

(C) 1, 3, 5, 4, 2.

(D) 1, 2, 3, 4, 5.

2. Arrange the words given below in a meaningful sequence.

1. Plane 2. Take off 3. Stop 4. Airport 5. Runway

(A) 4, 1, 5, 3, 2.

(B) 4, 5, 3, 1, 2.

(C) 4, 5, 2, 1, 3.

(D) 4, 5, 1, 2, 3.

3. Arrange the words given below in a meaningful sequence.

1. Society 2. Home 3. Building 4. Place 5. Flate

(A) 3, 1, 2, 5, 4.

(B) 5, 3, 2, 1, 4.

(C) 4, 1, 3, 5, 2.

(D) 4, 5, 1, 3, 2.

4. Arrange the words given below in a meaningful sequence.

1. Man 2. Boy 3. Baby 4. Old man 5. Dead

(A) 3, 2, 1, 4, 5.

(B) 2, 3, 1, 5, 4.

(C) 4, 1, 3, 2, 5.

(D) 3, 1, 5, 2, 4.

5. Arrange the words given below in a meaningful sequence.

1. Key 2. Door 3. Lock 4. Room 5. Switch on

(A) 5, 1, 2, 4, 3.

(B) 4, 2, 1, 5, 3.

(C) 1, 3, 2, 4, 5.

(D) 1, 2, 3, 5, 4.

6. Arrange the words given below in a meaningful sequence.

1. Police 2. Punishment 3. Crime 4. Judge 5. Judgement

(A) 3, 1, 2, 4, 5.

(B) 1, 3, 4, 2, 5.

(C) 3, 1, 4, 5, 2.

(D) 2, 4, 1, 5, 3.

7. Arrange the words given below in a meaningful sequence.

1. Sentence 2. Chapter 3. Word 4. Paragraph 5. Book

(A) 2, 3, 1, 5, 4.

(B) 3, 2, 5, 4, 1.

(C) 5, 2, 4, 1, 3.

(D) 5, 3, 2, 4, 1.

Reasoning – Sequence of Words Questions And Answers With Solutions (English)

8. Arrange the words given below in a meaningful sequence.

1. Delivery 2. Envelope 3. Letter 4. Post-Box 5. Clearance

- (A) 4, 1, 3, 2, 5. (B) 2, 3, 4, 5, 1.
(C) 3, 2, 4, 5, 1. (D) 4, 2, 3, 1, 5.

9. Arrange the words given below in a meaningful sequence.

1. Salary 2. School 3. Child 4. Employment 5. College

- (A) 2, 3, 5, 1, 4. (B) 3, 2, 4, 1, 5.
(C) 3, 1, 2, 4, 5. (D) 3, 2, 5, 4, 1.

10. Arrange the words given below in a meaningful sequence.

1. Pulp 2. Jungle 3. Timber 4. Book 5. Paper

- (A) 5, 3, 2, 1, 4. (B) 2, 3, 1, 5, 4.
(C) 4, 1, 3, 2, 5. (D) 1, 3, 2, 4, 5.

11. Arrange the words given below in a meaningful sequence.

1. Doctor 2. Patient 3. Diagnosis 4. Bill 5. Treatment

- (A) 2, 1, 3, 5, 4. (B) 1, 2, 3, 4, 5.
(C) 3, 2, 1, 5, 4. (D) 4, 1, 3, 2, 5.

12. Arrange the words given below in a meaningful sequence.

1. Deca 2. Kilo 3. Centi 4. Deci 5. Hecto

- (A) 5, 4, 1, 3, 2. (B) 3, 4, 1, 5, 2.
(C) 2, 3, 1, 5, 4. (D) 3, 2, 1, 5, 4.

13. Arrange the words given below in a meaningful sequence.

1. wood 2. Plant 3. Table 4. Tree 5. Seed

- (A) 5, 2, 4, 1, 3. (B) 3, 2, 1, 5, 4.
(C) 2, 3, 1, 4, 5. (D) 4, 2, 1, 3, 5.

14. Arrange the words given below in a meaningful sequence.

1. Marriage 2. Education 3. Birth 4. Death 5. Funeral

- (A) 3, 1, 4, 5, 2. (B) 2, 3, 4, 5, 1.
(C) 3, 2, 1, 4, 5. (D) 5, 2, 3, 1, 4.

Reasoning – Sequence of Words Questions And Answers With Solutions **(English)**

15. Arrange the words given below in a meaningful sequence.

1. Milk 2. Grass 3. Cow 4. Butter 5. Curd

- (A) 3, 2, 1, 5, 4. (B) 3, 1, 2, 5, 4.
(C) 2, 1, 3, 4, 5. (D) 2, 3, 1, 4, 5.

16. Arrange the words given below in a meaningful sequence.

1. Dish 2. Cutting 3. Cooking 4. Vegetable 5. Market

- (A) 5, 4, 3, 2, 1. (B) 5, 4, 2, 3, 1.
(C) 5, 4, 1, 2, 3. (D) 1, 3, 5, 2, 4.

17. Arrange the words given below in a meaningful sequence.

1. Earn 2. Apply 3. Job 4. Exam 5. Study

- (A) 5, 4, 2, 3, 1. (B) 5, 4, 3, 1, 2.
(C) 5, 2, 3, 4, 1. (D) 5, 3, 1, 2, 4.

18. Arrange the words given below in a meaningful sequence.

1. Old 2. Adult 3. Infant 4. Child 5. Adolescence

- (A) 3, 4, 2, 1, 5. (B) 3, 4, 5, 2, 1.
(C) 3, 4, 1, 2, 5. (D) 4, 3, 2, 1, 5.

19. Arrange the words given below in a meaningful sequence.

1. Mouse 2. Ant 3. Horse 4. Cat 5. Whale

- (A) 3, 1, 4, 2, 5. (B) 2, 1, 5, 4, 3.
(C) 2, 1, 5, 4, 3. (D) 4, 1, 5, 3, 2.

20. Arrange the words given below in a meaningful sequence.

1. Leg 2. Chest 3. Foot 4. Stomach 5. Head

- (A) 2, 1, 3, 5, 4. (B) 4, 1, 2, 5, 3.
(C) 3, 2, 2, 5, 3. (D) 3, 1, 4, 2, 5.

Reasoning – Sequence of Words Questions And Answers With Solutions **(English)**

Answers

1. [A] 2. [D] 3. [C] 4. [A] 5. [C] 6. [C] 7. [C] 8. [B] 9. [D] 10. [B]
11. [A] 12. [B] 13. [A] 14. [C] 15. [A] 16. [B] 17. [A] 18. [B] 19. [C] 20. [D]

Solutions

1. The correct order is – Village (2) – City (3) – District (4) – State (5) – Nation (1)
2. The correct order is – Airport (4) – Runway (5) – Plane (1) – Take Off (2) – Stop (3).
3. The correct order is – Place (4) – Society (1) – Building (3) – Flat (5) – Home (2)
4. The correct order is – Baby (3) – Boy (2) – Man (1) – Old Man (4) – Dead (5).
5. The correct order is – Key (1) – Lock (3) – Door (2) – Room (4) – Switch On (5)
6. The correct order is – Crime (3) – Police (1) – Judge (4) – Judgement (5) – Punishment (2).
7. The correct order is – Book (5) – Chapter (2) – Paragraph (4) – Sentence (1) – Word (3)
8. The correct order is – Envelope (2) – Letter (3) – Post-Box (4) – Clearance (5) – Delivery (1).
9. The correct order is – Child (3) – School (2) – College (5) – Employment (4) – Salary (1)
10. The correct order is – Jungle (2) – Timber (3) – Pulp (1) – Paper (5) – Book (4).
11. The correct order is – Patient (2) – Doctor (1) – Diagnosis (3) – Treatment (5) – Bill (4)
12. The correct order is – Centi (3) – Deci (4) – Deca (1) – Hecto (5) – Kilo (2).
13. The correct order is – Seed (5) – Plant (2) – Tree (4) – Wood (1) – Table (3)
14. The correct order is – Birth (3) – Education (2) – Marriage (1) – Death (4) – Funeral (5).
15. The correct order is – Cow (3) – Grass (2) – Milk (1) – Curd (5) – Butter (4)
16. The correct order is – Market (5) – Vegetable (4) – Cutting (2) – Cooking (3) – Dish (1)
17. The correct order is – Study (5) – Exam (4) – Apply (2) – Job (3) – Earn (1)
18. The correct order is – Infant (3) – Child (4) – Adolescent (5) – Adult (2) – Old (1).
19. The correct order is – Ant (2) – Mouse (1) – Cat (4) – Horse (3) – Whole (5)
20. The correct order is – Foot (3) – Leg (1) – Stomach (4) – Chest (2) – Head (5).



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Reasoning – Number Series Questions And Answers With Solutions (English)

Direction to Solve:-

In each of the following questions a number series is given with one term missing. Choose the correct alternative that will continue the same pattern and fill in the blank spaces.

1. 17, 22, 27, 32, ?
(A) 33 (B) 35 (C) 38 (D) 37
2. 87, 74, 61, 48, ?
(A) 35 (B) 30 (C) 32 (D) 25
3. 135, 106, 77, ?,19.
(A) 40 (B) 45 (C) 48 (D) 35
4. 25, 75, 35, 70, 45, ?
(A) 65 (B) 60 (C) 55 (D) 85
5. 82, 25, 74, 40, 60, ?
(A) 65 (B) 55 (C) 60 (D) 72

Direction to Solve:-

In each of the following questions a number series is given with one term missing. Choose the correct alternative that will continue the same pattern and fill in the blank spaces.

6. 15, 45, 135, 405, ?
(A) 550 (B) 650 (C) 945 (D) 1215
7. 3, 7, 15, 31, 61, ?
(A) 125 (B) 112 (C) 127 (D) 118
8. 5, 12, 26, 54, 110, ?
(A) 220 (B) 222 (C) 210 (D) 156
9. 198, 194, 185, 169,..... ?
(A) 144 (B) 128 (C) 96 (D) 116
10. 34, 33, 49, 74, ?
(A) 108 (B) 110 (C) 96 (D) 98

Reasoning – Number Series Questions And Answers With Solutions (English)

Direction to Solve:-

In each of the following questions a number series is given with one term missing. Choose the correct alternative that will continue the same pattern and fill in the blank spaces.

- 11.** 13, 35, 57, 79, 911, ?
- (A) 1110 (B) 1112 (C) 1113 (D) 1315
- 12.** 8, 13, 13, 23, 18, 33, ?
- (A) 23 (B) 21 (C) 31 (D) 35
- 13.** 4, 9, 16, 16, 25, ?
- (A) 42 (B) 49 (C) 38 (D) 52
- 14.** 12, 24, 48, 96, 192, ?
- (A) 392 (B) 198 (C) 384 (D) 258
- 15.** 567, 189, 63, 21, ?
- (A) 12 (B) 18 (C) 7 (D) 9

Direction to Solve:-

In each of the following questions a number series is given with one term missing. Choose the correct alternative that will continue the same pattern and fill in the blank spaces.

- 16.** 17, 39, 83, 171, ?
- (A) 198 (B) 238 (C) 347 (D) 359
- 17.** 11, 13, 17, 19, 23, 29, 31, 37, ?
- (A) 125 (B) 112 (C) 127 (D) 118
- 18.** 13, 9, 13, 12, 13, 15, 13, ?
- (A) 18 (B) 17 (C) 21 (D) 19
- 19.** 1, 9, 25, 49, 121, 169, ?
- (A) 179 (B) 183 (C) 289 (D) 237
- 20.** 2, 6, 12, 20, 30, 42, 56, ?
- (A) 72 (B) 62 (C) 65 (D) 70

Reasoning – Number Series Questions And Answers With Solutions (English)

Answers

1. [D] 2. [A] 3. [C] 4. [A] 5. [B] 6. [D] 7. [C] 8. [B] 9. [A] 10. [B]
11. [C] 12. [A] 13. [B] 14. [C] 15. [C] 16. [C] 17. [B] 18. [A] 19. [C] 20. [A]

Solutions

- Each number increases by 5.
- Each number decreases by 13.
- Each number decreases by 35.
- There are two patterns following in this question in first pattern 10 is added in each numbers (25, 35, 45) and in second pattern 5 is subtract from each number (75, 70, 65).
- There are two patterns following in this question in first pattern 8 is subtracted from each numbers (82, 74, 66) and in second pattern 15 is added in each number.
- Each number is multiplied by 3.
- Each number in the series is one more than twice the preceding number. ($7 = (3 \times 2 + 1)$, $15 = (7 \times 2 + 1)$, $31 = (15 \times 2 + 1)$, $63 = (31 \times 2 + 1)$, $127 = (63 \times 2 + 1)$)
- Each number in the series is 2 more than twice the preceding number. ($12 = (5 \times 2 + 2)$, $26 = (12 \times 2 + 2)$, $54 = (26 \times 2 + 2)$, $110 = (54 \times 2 + 2)$, $222 = (110 \times 2 + 2)$)
- The pattern is $-2^2, -3^2, -4^2, -5^2$.
- The pattern is $, +3^2, +4^2, +5^2, +6^2$.
- The terms of the given series are number formed by joining together consecutive odd number in order. 1 and 3, 3 and 5, 5 and 7, 7 and 9, 9 and 11, so missing term is 11 and $13 = 1113$
- There are two patterns following in this question. In first pattern 5 is added in each number at every odd place (8, 13, 18, 23). In second pattern 10 is added at every even places (13, 23, 33)
- Each number is a square of the consecutive numbers to make a pattern. Ex ($4=2^2$, $9=3^2$, $16=4^2$, $25=5^2$, $36=6^2$, $49=7^2$)
- Each number is multiplied by 2.
- Each number is divided by 3.
- Each number is first multiplied by 2 and then added by 5.

Reasoning – Number Series Questions And Answers With Solutions (English)

17. All the numbers are consecutive prime numbers.
18. In this alternating repetition series, the number 13 is interpolated. If you exclude 13, the series increases by 3, beginning with the number 9.
19. The series consists, square of consecutive prime numbers.
20. The pattern is $1 \times 2 = 2$, $2 \times 3 = 6$, $3 \times 4 = 12$, $4 \times 5 = 20$, $5 \times 6 = 30$, $6 \times 7 = 42$, $7 \times 8 = 56$, $8 \times 9 = 72$.



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