



MP - PSC

State Civil Services

Madhya Pradesh Public Service Commission

Volume - 8

**General Mental Ability and Reading
Comprehension**



General Ability and Reading Comprehension

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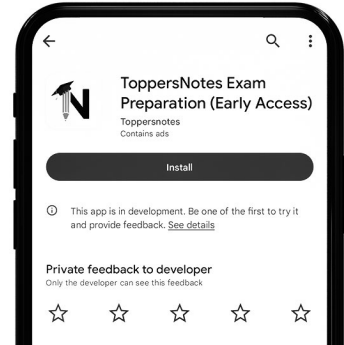
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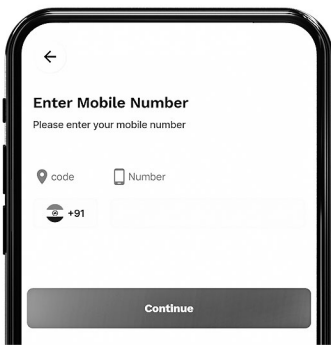
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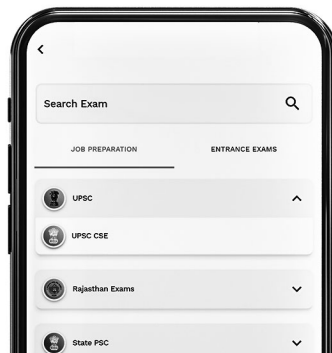
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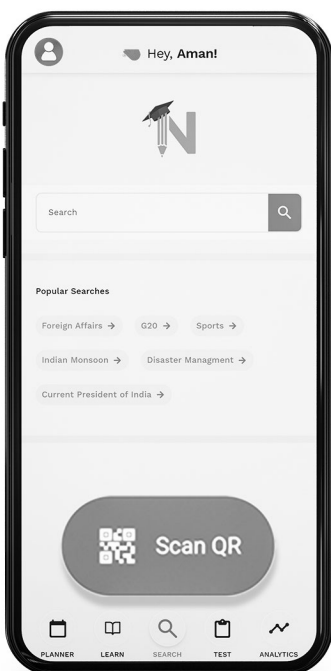
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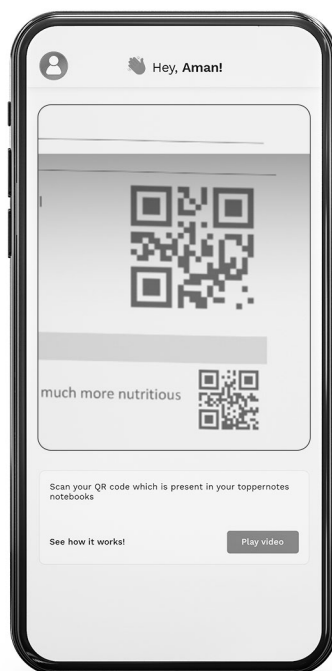
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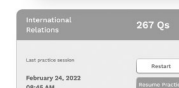
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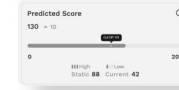
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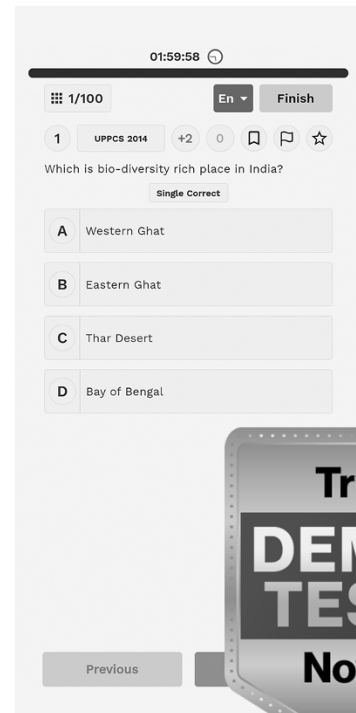
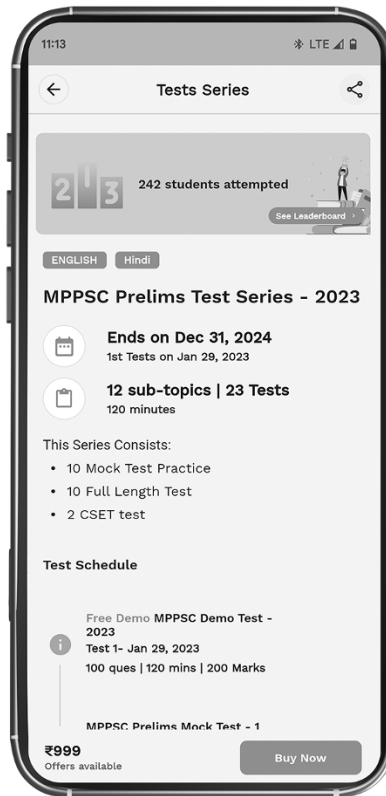
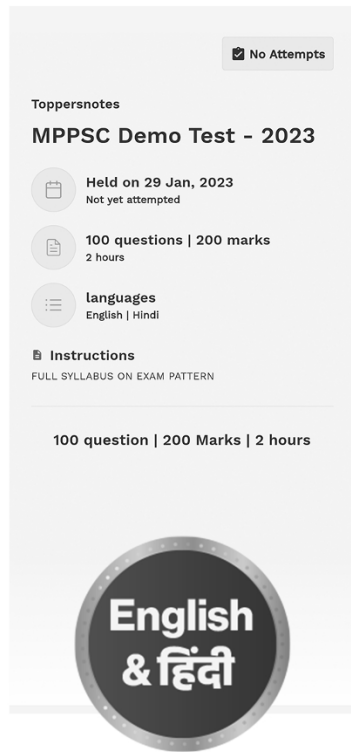


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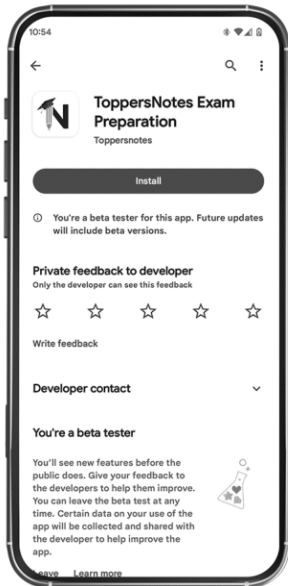


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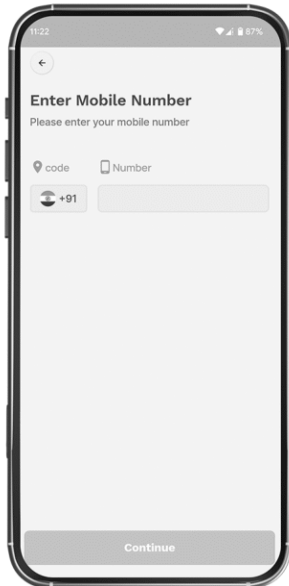
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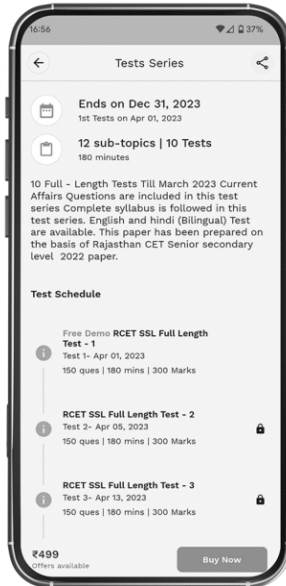
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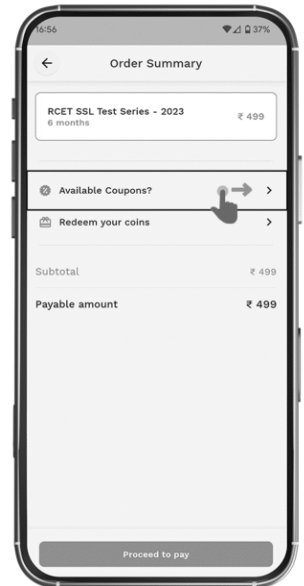
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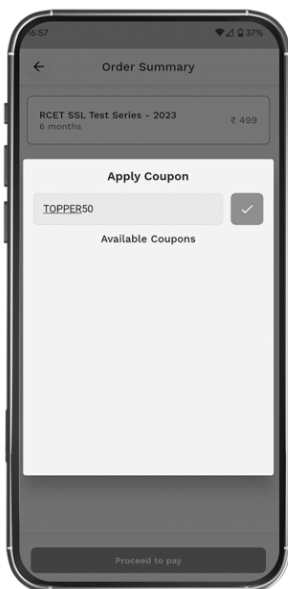
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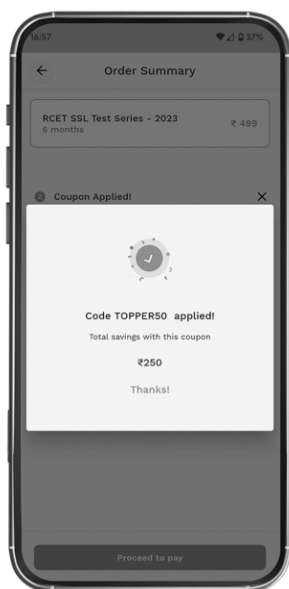
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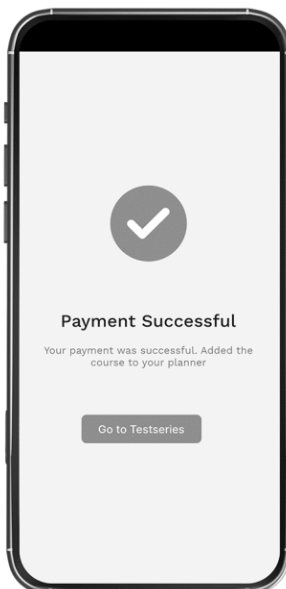
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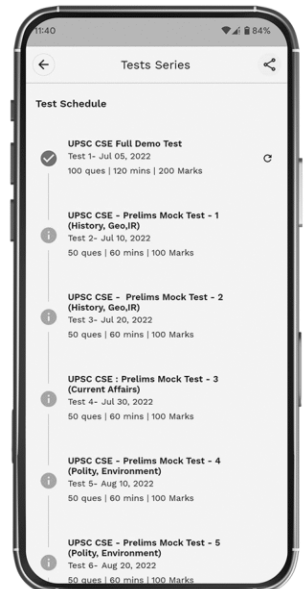
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ANALOGY

Similarity or similarity is the relation or similarity of any object, word, letter, number to any other object, word, letter, number with quality, form, shape, type, character, etc.

Generally, these types of questions are asked under analogy.

Type 1 - Hindi word analogy

Under this, considering the relation of Hindi words given in the questions asked, one has to find such a word from the given answer options, whose relation can be established with the given words or with the third word.

(i) Finding similar words: - Considering the relation of two words given in the questions asked under this, one has to find such word from the answer options, whose relation is established with the given third word.

Ex.1 Select the related word from the given alternatives.

River : Stream :: Ocean : ?

- (a) Current (b) Pond
(c) Dam (d) Sea

Ans. (a)

Sol. Just as a stream originates from the water of a river, in the same way a current arises from the water of the ocean.

Ex.2 The way Colombo is related to Sri Lanka, in the same way Kathmandu is related to?

- (a) Tibet (b) India
(c) Bhutan (d) Nepal

Ans. (d)

Sol. Just as Colombo is the capital of Sri Lanka, in the same way, Kathmandu is the capital of Nepal.

(ii) Finding the identical pair :- In the questions that come under this, two words are given, which are related to each other in some way. Exactly the same type of relation is also in any one of the options given below.

Ex.3 Select the related word pair from the given alternatives.

Preamble : Constitution :: ? : ?

- (a) Word : dictionary
(b) Theme : Magazine
(c) Explanation : Poem
(d) Introduction : Book

Ans. (d)

Sol. Just as there is a preamble of the constitution, in the same way there is a preamble of the book.

(iii) Choosing similar words and special classes for similar words -

Some words are given in the questions coming under it. You have to choose a word from the given alternatives which is exactly same as the word given in the beginning and find the word which shows the particularity among the words given in the question.

Ex.4 Who is the same as - Earthquake, cyclone, volcanic eruption

- (a) Global heat
(b) Flood
(c) Accidents
(d) Nuclear explosion

Ans. (b)

Sol. Just as earthquakes, cyclones and volcanic eruptions are natural disasters. Similarly, floods are also a natural disaster.

Ex.5 Given below three words, which have some common features, select the correct option.

Snake, lizard, crocodile

- (a) Reptiles (b) Mammals
 (c) Omnivores (d) Deer

Ans. (a)

Sol. Snake, Lizard and Crocodile are all three reptiles.

Ex.6 Find the alternative which has the same relation as in all the three words given below.

King, Queen, Palace

- (a) Pigeon, bird, dispensary
 (b) Goat, goat, fort
 (c) Bumblebee, spider, water
 (d) Lion, lioness, cave

Ans. (d)

Sol. Just as both the king and queen reside together in the palace, in the same way both the lion and the lioness reside together in the cave.

(iv) Double Symmetry:- Under this, two words are given on the left and right of the symbol (::) in the question. Each word is missing in both the words.

The missing word has to be found from the options given below.

Ex.7 In the following question, find out the missing word from the alternative given below

A : Ugly :: Peace : B

- (a) A – Beautiful, B – War
 (b) A – Friendship, B – Noise
 (c) A – Honesty, B – Treaty
 (d) A – Number, B – Strike

Ans. (a)

Sol. Just as, beautiful and ugly are opposite words of each other. Similarly, peace and war are also opposite words to each other.

Type - 2 English Alphabets Analogy

The questions under this are based on letters or letter groups of the English alphabet. After knowing the relationship of the first two letter-groups given in these questions, on this basis, the correct answer for the third letter-group has to be found from the options.

Vowels and Consonants of English Letters:-

Vowel Letters – A, E, I, O, U

Consonant Letter – B, C, D, F, G, H, J, K, L, M, N, P, Q, R, S, T, V, W, X, Y, Z

English alphabets their corresponding numbers :-

English Alphabet	A	B	C	D	E	F	G	H	I	J	K	L	M
Corresponding No.	1	2	3	4	5	6	7	8	9	10	11	12	13

Ex.8 CHAIR : RIAHC :: TABLE : ?

- (a) BLAET (b) ETABL
 (c) LETAB (d) ELBAT

Ans. (d)

Sol. Like,

CHAIR → RIAHC

Similarly,

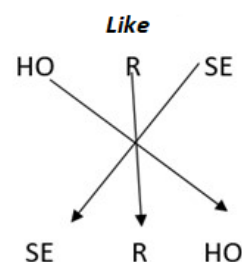
TABLE → ELBAT

Ex.9 HORSE : SERHO :: CURSE : ?

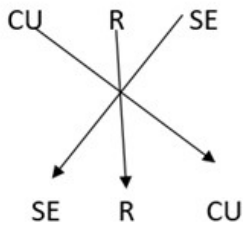
- (a) RCUES (b) SECRU
 (c) SERCU (d) ERCUS

Ans. (c)

Sol.



Similarly,



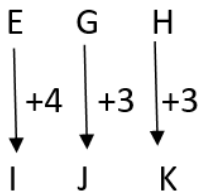
Ex.10 EGH : IJK :: NPQ : ?

- (a) PRS (b) RSU
 (c) RTU (d) RST

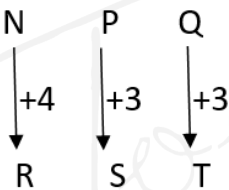
Ans. (d)

Sol.

Like,



Similarly,



Type - 3 English Word Analogy

The questions under this are based on English words. After finding the relation of the first two words given in these questions, we find out the correct answer for the third word from the options on the same basis.

(i) Finding Related Words

Ex.11 In the following question, select the option which is related to the third word in the same way as the second term is related to the first term.

Shallow : Profound :: Synonym : ?

- (a) Context (b) Antonym
 (c) Meaning (d) Content

Ans. (b)

Sol. Just as the opposite word of Shallow is Profound, similarly, the opposite word of Synonym is Antonym.

(ii) To find the word pair similar to the word pair :-

Ex.12 Which of the following pair of words shows the same relation. What kind of relationship is there between Fan : Heat ?

- (a) Water : Drink
 (b) Food : Hunger
 (c) Light : Night
 (d) Air : Breath

Ans. (b)

Sol. When there is heat, then the fan is turned on, in the same way food is done when there is hunger.

Type - 4 - Number Analogy

In the questions that come under this, questions are asked based on the order of numbers, the order of the squares of the numbers, the sequence of prime numbers, etc. In other words, the questions asked under it are based on mathematical operations.

Ex.13 Select the option, which is related to the third term in the same way as the second term is related to the first term.

23 69 : 27 : ?

- (a) 91 (b) 73
 (c) 81 (d) 89

Ans. (c)

Sol. Like $23 \times 3 = 69$
 Similarly, $27 \times 3 = 81$

Ex.14 Select the related number from the given alternatives.

8 : 32 :: 6 : ?

- (a) 31 (b) 22
 (c) 18 (d) 21

Ans. (c)

Sol. Like $8^2 = 64$

$$64 \div 2 = 32$$

$$\text{Similarly, } 6^2 = 36$$

$$36 \div 2 = 18$$

Ex.15 From the given alternatives, find the one which is similar to $10 : 13 :: 16$.

- (a) $8 : 10 : 15$
- (b) $13 : 16 : 19$
- (c) $23 : 29 : 23$
- (d) $10 : 16 : 23$

Ans. (b)

Sol. Like, $10 : 13 :: 16$

$$+3 \quad +3$$

$$\text{Similarly, } 13 + 16 + 19$$

$$+3 \quad +3$$

(Analogy or Similarity)

Type – I

Directions - Find out the related words from the alternatives given below.

1. Virus : Chickenpox :: Bacteria : ?

- (a) Chickenpox
- (b) Typhoid
- (c) Malaria
- (d) Sleeping Disease

Ans. (b)

Explanation:

Smallpox is spread by virus. Similarly, typhoid is caused by bacteria (Bacteria name: Salmonella Typhi).

2. Book : Shelf :: Clothes : ?

- (a) Hanger (b) Cupboard
- (c) Wardrobe (d) Bureau

Ans. (c)

Explanation –

Books are kept systematically on the shelf. Similarly, clothes are kept in the wardrobe.

3. Gramophone : Record :: Video : ?

- (a) T.V. (b) Recording
- (c) Cassette (d) Camera

Ans. (c)

Explanation –

Gramophone (record) is a thin circular plastic object on which voice, especially music, is recorded.

Video is recorded on cassette or magnetic tape.

4. Axe : Rip :: Path : ?

- (a) Shear (b) Pull
- (c) Ploughing (d) Knitting

Ans. (d)

Explanation –

The axe is used to cut or tear wood. In the same way something is knitted with needle.

5. Bird : Feather :: Fish : ?

- (a) Gills (b) Scales
- (c) Tail (d) Pisces

Ans. (2)

Explanation –

The body of a bird is covered with feathers, similarly, the body of a fish is covered with scales.

6. Movement : Required :: Effort : ?

- (a) Personality (b) Motivation
- (c) Success (d) Probability

Ans. (c)

Explanation –

When the need arises, the person becomes agitated. Similarly, to achieve success, one has to do efforts.

Type – II

Direction - Find out the related number from the alternatives given below.

7. $85 : 42 :: 139 : ?$

- (a) 68 (b) 69
- (c) 70 (d) 67

Ans. (b)

Explanation –

$$85 - 1 = 84, 84 \div 2 = 42$$

$$139 - 1 = 138, 138 \div 2 = 69$$

8. 8 : 28 :: 27 : ?

- (a) 8 (b) 28
(c) 64 (d) 65

Ans. (d)

Explanation –

$$(4) (2)^3 \times 2 \times 2 = 8$$

$$28 = (3)^3 + 1 = 3 \times 3 \times 3 + 1 = 28$$

$$(3)^3 = 3 \times 3 \times 3 = 27$$

$$\therefore ? = 4 \times 4 \times 4 + 1 = 65$$

9. 8 : 56 :: 9 : ?

- (a) 10 (b) 63
(c) 7 (d) 9

Ans. (b)

Explanation –

The relationship is as follows = $x - 7$

$$8 \times 7 = 56$$

Similarly,

$$9 \times 7 = 63$$

10. 8 : 512 :: 9 : ?

- (a) 781 (b) 792
(c) 729 (d) 728

Ans. (c)

Explanation –

$$8 : (8)^3 = 512$$

Similarly,

$$9 : (9)^3 = 729$$

11. 21 : 3 :: 574 : ?

- (a) 113 (b) 23
(c) 97 (d) 82

Ans. (d)

Explanation –

$$\frac{21}{7} = 3$$

$$\text{Similarly, } \frac{574}{7} = 82$$

12. 100 : 121 :: 36 : ?

- (a) 64 (b) 49
(c) 25 (d) 16

Ans. (b)

Explanation –

$$10 \times 10 = 100$$

$$11 \times 11 = 121$$

$$6 \times 6 = 36$$

Similarly,

$$7 \times 7 = 49$$

Type – III

Directions - Find out the related letters from the alternatives given below.

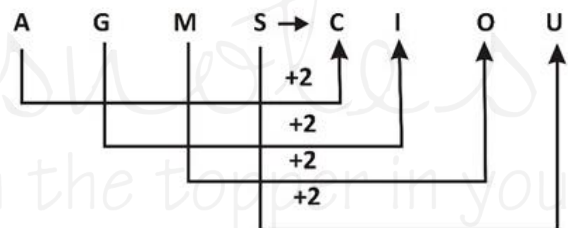
13. AGMS : CIOU :: DJPV : ?

- (1) BHNY (b) STUV
(c) FLRX (d) MNOP

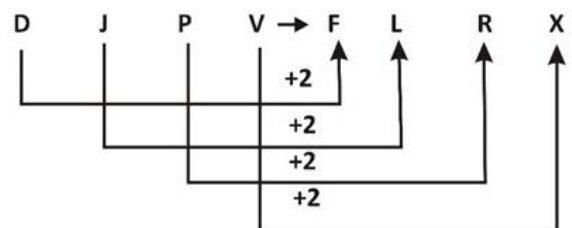
Ans. (c)

Explanation –

Like,



Similarly,



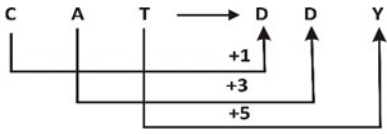
14. CAT : DDY :: BIG : ?

- (a) CLL (b) CLM
(c) CML (d) CEP

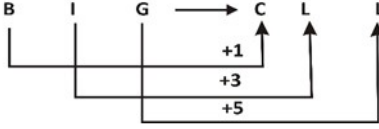
Ans. (a)

Explanation –

Like,



Similarly

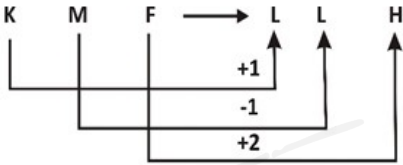


15. KMF : LLH :: RMS : ?
 (a) SLR (b) SLU
 (c) SSU (d) SUS

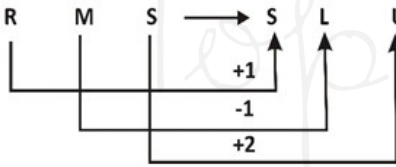
Ans. (b)

Explanation –

Like,



Similarly,

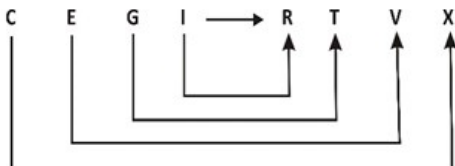


16. CEGI : RTVX :: IKMO : ?
 (a) JKLP (b) LNPR
 (c) MNPQ (d) DFHI

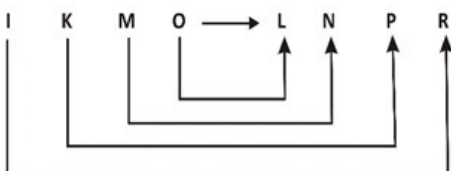
Ans. (b)

Explanation –

Like,



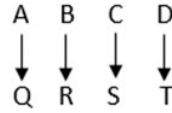
Similarly,



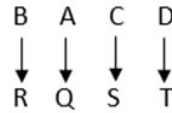
17. ABCD : QRST :: BACD : ?
 (a) RQST (b) STQR
 (c) QRST (d) RSTQ

Ans. (a)

Explanation –



Therefore,

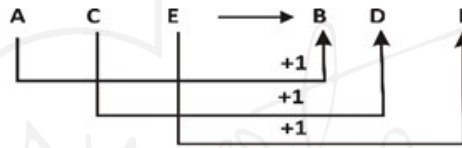


18. ACE : BDF :: MAQ : ?
 (a) BMW (b) NQP
 (c) NPR (d) BEF

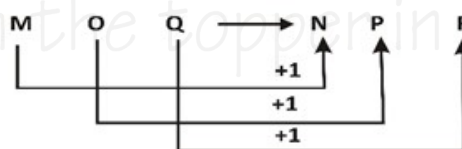
Ans. (c)

Explanation –

Like,



Similarly,

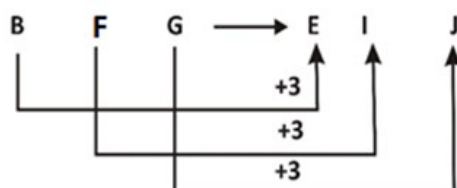


19. BFG : EIJ :: RVW : ?
 (a) UWY (b) UYZ
 (c) SWX (d) QUV

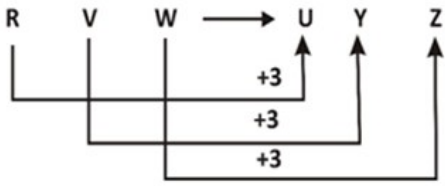
Ans. (b)

Explanation –

Like,



Similarly,



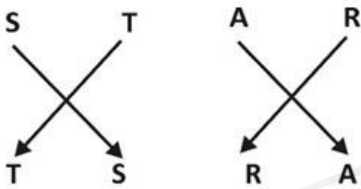
20. STAR : TSRA :: ROSE : ?

- (a) ORSE (b) ORES
 (c) ESOR (d) SORE

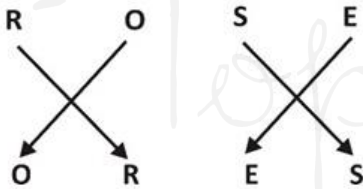
Ans. (b)

Explanation –

Like,



Similarly,



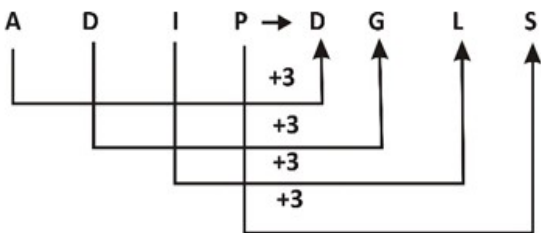
21. ADIP : DGLS :: BEJQ : ?

- (a) CGLS (b) EHMT
 (c) EJQU (d) FINU

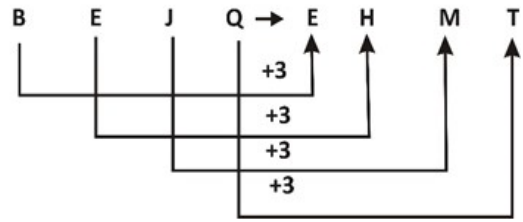
Ans. (b)

Explanation –

Like,



Similarly,



22. EI : AE :: UO : ?

- (a) PK (b) QJ
 (c) PJ (d) QK

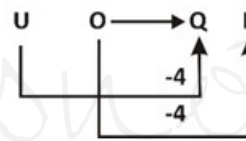
Ans. (d)

Explanation –

Like,



Similarly,



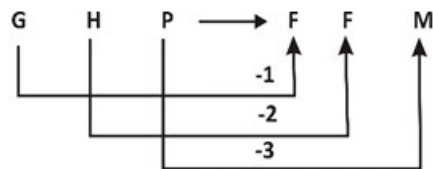
23. GHP : FFM :: PIC : ?

- (a) OGZ (b) OHZ
 (c) NGA (d) NHA

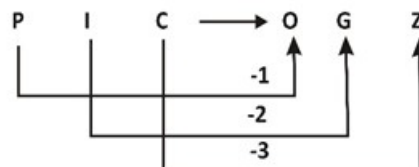
Ans. (a)

Explanation –

Like,



Similarly,



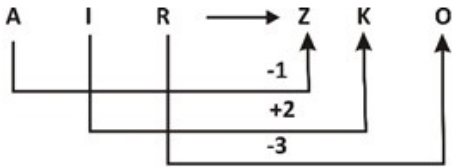
24. AIR : ZKO :: CAP : ?

- (a) ACM (b) ABN
 (c) BCM (d) BBN

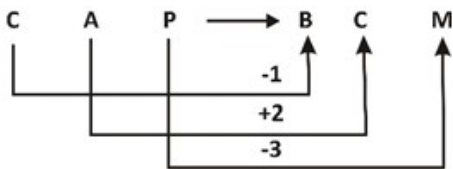
Ans. (c)

Explanation –

Like,



Similarly,



25. NU : MF :: EH : ?

- (a) IR (b) VS
 (c) GT (d) DW

Ans. (b)

Explanation –

Like,



These are all combinations of opposite characters.

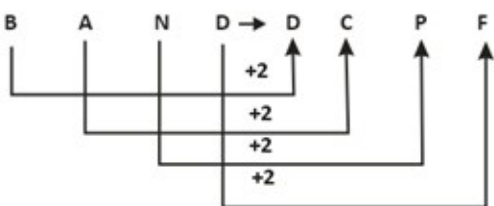
26. BAND : DCPF :: PUSY : ?

- (a) GVTZ (b) HWTZ
 (c) GVUA (d) HWUA

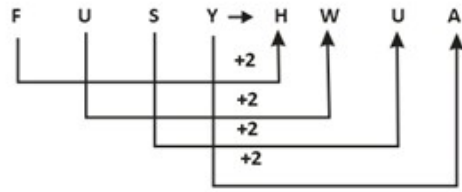
Ans. (d)

Explanation –

Like,



Like,



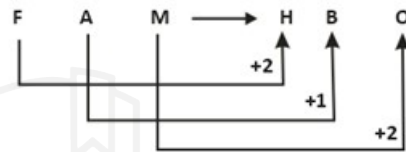
27. FAM : HBO :: LMP : ?

- (a) MOR (b) NOR
 (c) NNR (d) MNR

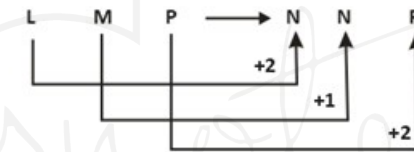
Ans. (c)

Explanation –

Like,



Like,



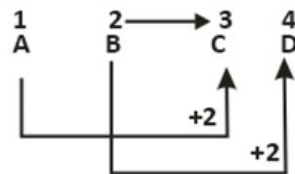
28. AB : CD :: WX : ?

- (a) AZ (b) YZ
 (c) XM (d) PQ

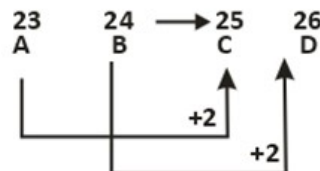
Ans. (b)

Explanation –

Like,



Similarly,



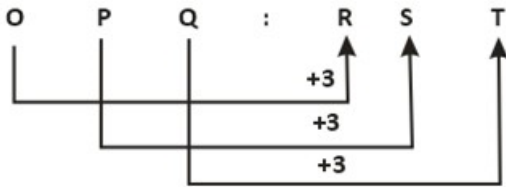
29. OPQ : RST :: ABC : ?

- (a) BCA (b) DMN
 (c) DEF (d) ABD

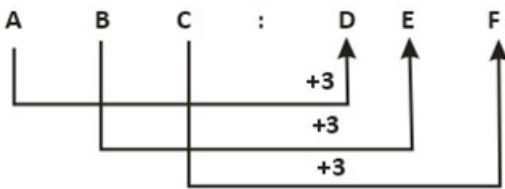
Ans. (c)

Explanation –

Like,



Similarly,



30. Select the option whose letters share the same relationship as the pairs of the given letters.

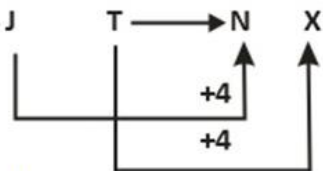
JT : NX

- (a) TP : XT (b) RK : VG
 (c) GS : KU (d) LD : PG

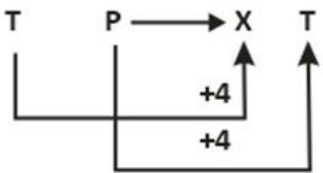
Ans. (a)

Explanation –

Like,



Like



Classification

Classification is the process of classifying any letter-group, word and number into a group based on their common quality, religion, shape-type, color, form, character and other properties.

Ex.1 Select the a different word.

- (A) Apple (B) Grapes
(C) Banana (D) Potato

Ans. (D)

Sol. Apple, Grapes, Banana is a fruit and Potato is a vegetable. Hence, potato is different from group.

Ex.2 Choose a different word.

- (A) T.V
(B) Cycle
(C) Refrigerator
(D) Washing Machine

Ans. (B)

Sol. All households are electronic equipment except cycle. Therefore the cycle is different from the group.

Types of Questions

Type 1 Choosing a different word

In this type of questions, some words are given as options, except one of which all the other words belong to a group, class or caste, while the last word of the rest of the other i.e. different group, caste or class.

Some of the major similarities of the words are as follows -

- (1) Equality of meaning
- (2) Functional similarity
- (3) Structural similarity
- (4) Numerical equality
- (5) Equality of space
- (6) Equality of terms
- (7) Equality of relation between the two
- (8) Technical Equivalence

Ex.3 Select the odd word from the given alternatives ?

- (A) Bus (B) Car
(C) Truck (D) Airplane

Ans. (D)

Sol. All other vehicles except airplanes are road-going vehicles, whereas airplane flies in the air.

Ex.4 Choose a different word ?

- (A) CV Raman
(B) Subhash Chandra Bose
(C) Mahatma Gandhi
(D) Bhagat Singh

Ans. (A)

Sol. Among the given persons, CV Raman was a scientist, while Subhash Chandra Bose, Mahatma Gandhi and Bhagat Singh were freedom fighters of India.

Ex.5 Which of the following is an odd state ?

- (A) Chhattisgarh (B) Uttarakhand
(C) Jharkhand (D) Gujrat

Ans. (D)

Sol. Gujrat is a coastal state while all others are landlocked states.

Ex.6 Find out the different option?

- (A) Hear (B) Climb
(C) Swim (D) Run

Ans. (A)

Sol. Apart from listening, all other physical activities are done by activities.

Type 2 - Choosing a different word pair

In this type of question four/five pairs of words are given, out of which three/four words are alike in some way and in this way they form a group of their own while the rest One pair is different from the other.

Ex.7 Select the different word pair ?

- (A) Oxygen-Gas
- (B) Metal-Platinum
- (C) Liquid - Water
- (D) Solid – Iron

Ans. (A)

Sol. Except option (A), in all other options, the first word denotes the position of the second word.

Ex.8 Select the different word pair?

- (A) Shoe – Leather
- (B) Iron - Axe
- (C) Table - Wood
- (D) Jewellery - Gold

Ans. (B)

Sol. In all other pairs except iron-axe, the second thing is needed to make the first object.

Choosing a different word group-

Ex.9 Select a different word group?

- (A) Sun, Moon, Earth
- (B) Earth, Moon, Mars
- (C) Sun, Star, Moon
- (D) Mars, Mercury, Jupiter

Ans. (D)

Sol. Option (D) to Mars, Mercury, Jupiter - these are all three planets.

Type 3 - Selecting a different English alphabet/character group

In this type of questions, letters or group of letters or words are given, except one of which all others are similar in some way.

(i) One letter classification-

Ex.10 Choose a different letter?

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

Ans. (D)

Sol. Except A, all other consonants are letters.

Ex.11 Choose a different letter ?

- (A) B (B) L
- (C) Q (D) Z

Ans. (C)

Sol. Except Q, all other letters appear in the English alphabet at even places from the left.

2 12 26 17
 B ; L ; Z Q

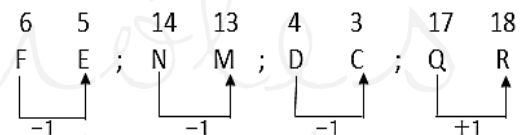
(ii) Two letter classification

Ex.12 Select the odd letters from the given alternatives?

- (A) FE (B) NM
- (C) DC (D) QR

Ans. (D)

Sol.



It is clear that except QR, everything else is getting -1.

(iii) Three letter classification -

Ex.13 Select a different letter-set ?

- (A) HJA (B) NPE
- (C) OQU (D) XYZ

Ans. (D)

Sol. Except XYZ, all other letter-groups have a gap of one letter between the first two letters.

(iv) Classification of four letters-

Ex.14 Select a different letter-set?

- (A) ABDE (B) FGIJ
- (C) KLMN (D) OPRS

Ans. (C)

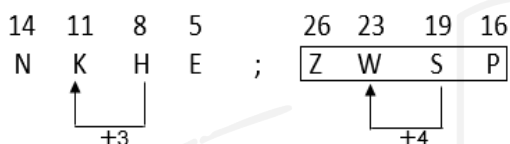
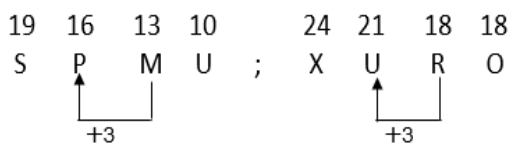
Sol. Except the KLMN letter-group, all other letter-groups have a gap of two letters between the first and third position letters.

Ex.15 Select a different letters-set from the given alternatives?

- (A) SPMJ (B) XURO
 (C) NKHE (D) ZWSP

Ans. (D)

Sol.



Except for the ZWSP letter-group, there is a gap of two letters between the second and third-position letters in all other letter-groups.

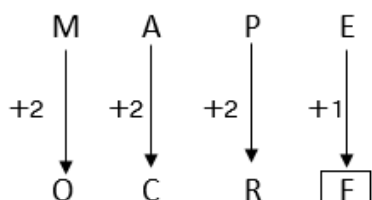
(v) Classification on the basis of (semi-letter pair/group)-

Ex.16 Select the following letter-groups?

- (A) M - O (B) P - R
 (C) A - C (D) E - F

Ans. (D)

Sol.



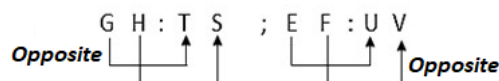
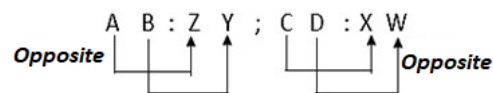
In all others except option (D), the second letter is obtained by adding 2 to the first letter.

Ex.17 Find out the odd letter pair from the given alternatives?

- (A) AB : ZY (B) CD : XW
 (C) GH : TS (D) EF : UV

Ans. (D)

Sol.



In the given pairs the letters are given opposite to each other, whereas it is not so in EF : UV. Therefore, it is different.

Type - 4 Selecting a different Number/ Number group

In this type of questions some group of numbers or numbers are given, out of which one digit/number has to be found, which does not show similarity with the others present in the group.

Ex.18 Choose a different number ?

- (A) 1234 (B) 2345
 (C) 3456 (D) 5778

Ans. (B)

Sol. Except the number 2345, all other numbers are even numbers.

(i) Classification based on equality of composite/prime numbers -

- Those natural numbers, which are divisible by 1 or other numbers other than itself, are called composite numbers, such as - 4, 6, 8, 9, 14, 15
- Those natural numbers which are greater than 1 and which are divisible only by 1 or themselves are called prime numbers.
 Like - 2, 3, 5, 7, 11, 13, 17, 19, 23 etc.