

# UPPSC - AE BOOSTER

**FEE RS. 1498/-**

**2**

**Batch Starts From  
MARCH 2020**

**Included Subjects :-**



**PRESTRESSED CONCRETE**

**AIRPORT ENGINEERING**

**FOUNDATION ENGINEERING**

**STRUCTURAL ANALYSIS**

**PERT CPM**

**SUBSURFACE EXPLORATION**  
[SOIL MECHANICS]

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**Validity : 4 Months**

**Mob.: 7827455078, 7827684986**

**Q. Camera : Lens : Flash : ?**

(1) Bulb

(2) Night

(3) Light

(4) Shutter

**Q. House : Rent : Capital : ?**

- (1) Interest
- (2) Investment
- (3) Country
- (4) Money

**Q. Architect : Building :: Sculptor : ?**

(1) Museum

(2) Stone

(3) Chisel

(4) Statue

**Q. Anaemia : Blood :: Anarchy : ?**

- (1) Disorder
- (2) Monarchy
- (3) Government
- (4) Lawlessness

Q. Editor : Newspaper :: \_\_\_\_\_ : \_\_\_\_\_

(1) Table : Carpenter

(2) Journal : Journalist

(3) Author : Novel

(4) Blacksmith : Furnace

**Q. Hour : Second :: Tertiary : ?**

(1) Ordinary

(2) Secondary

(3) Primary

(4) Intermediary

Q. Poles : Magnet :: \_\_\_\_ Battery

- (1) Cells
- (2) Power
- (3) Terminals
- (4) Energy



**Q. Peace : Chaos :: Creation : ?**

(1) Build

(2) Construction

(3) Destruction

(4) Manufacture

**Q. Safe : secure :: Protect : ?**

- (1) Guard
- (2) Lock
- (3) Sure
- (4) Conserve

**Q. Study : Knowledge :: Work : ?**

- (1) Experiment
- (2) Service
- (3) Experience
- (4) Appointment

Read the following information carefully and answer the questions based on it.

A family consists of six members A, B, C, D, E and F. There are two married couples. B is a doctor and the father of E. F is the grandfather of C and is a contractor, D is grandmother of E and is a housewife. There is one doctor, one contractor, one nurse, one housewife and two students in the family.

**Q.** What is the profession of A?

- (1) Doctor
- (2) Contractor
- (3) Nurse
- (4) Housewife

**Q. Who is the husband of A?**

(1) C

(2) B

(3) F

(4) D

**Q.** If A is the mother of B and K, D is the husband of A. E is the son of D's brother, what is the relation of A with E?

- (1) Mother-in-law
- (2) Sister-in-law
- (3) Aunt
- (4) Sister

**Q.** A is D's brother. D is B's father. B and C are sisters.  
How is C related to A?

- (1) Cousin
- (2) Niece
- (3) Aunt
- (4) Nephew

**Q.** X and Y are brothers. R is the father of Y. T is the sister of S who is maternal uncle of X. how is T related to R?

(1) Mother

(2) Wife

(3) Sister

(4) Brother



**Q.** 'A' and 'B' are brothers. 'C' and 'D' are sisters. A's son is D's brother. How is B related to C?

- (1) Father
- (2) Brother
- (3) Grandfather
- (4) Uncle

**Q.** H is the brother of T who is the wife of R. S is the son of R and husband of L. How is L related to T?

(1) Wife

(2) Son

(3) Daughter-in-law

(4) Husband

**Q.** A father of B, but B is not his son. D is wife of A. C is son of D. How is D related to B?

- (1) Daughter
- (2) Brother
- (3) Mother
- (4) Cannot be determined

**Q.** Pointing to a woman in the photograph arun said, “ she is the wife of the only child of my father”. How is the woman related to Arun?

- (1) Wife
- (2) Niece
- (3) Mother
- (4) Daughter

**Q.** If P A L E is coded as 2134, EARTH is coded as 41590, how is PEARL coded in that code?

(1) 29530

(2) 24153

(3) 72495

(4) 72430

**Q.** If HONESTY is written as 5132468 and POVERTY as 7192068, How is HORSE written in a certain code?

(1) 50124

(2) 51042

(3) 51024

(4) 52014

**Q.** If ROSE is coded as 6821, CHAIR is 73456 and PREACH I coded as 961473, then what will be the code of SEARCH?

(1) 246173

(2) 214673

(3) 214763

(4) 216473

**Q.** If SEVEN is coded as 23136 and EIGHT as 34579, what will be the code for NINE?

(1) 6463

(2) 6364

(3) 6346

(4) 6436



**Q.** If LOSE is coded as 1357 and GAIN is coded as 2468, what do the figures 84615 stand for?

(1) NAILS

(2) SNAIL

(3) LANES

(4) SLAIN

**Q.** If MEKLF is coded as 91782 and LLLJK as 88867, then how can IGHED be coded?

(1) 97854

(2) 64521

(3) 53410

(4) 75632

**Q.** If in a certain code, 95789 is written as EGKPT and 2436 is written as ALUR, then how will 24539 be written in that code?

- (1) ALEUT
- (2) ALGTU
- (3) ALGUT
- (4) ALGRT

**Q.** If mistake is coded as 9765412 and NAKED is coded as 84123 how as INTIMATED coded as?

(1) 89786145

(2) 78579452

(3) 79438163

(4) 78698365

Pointing to a man in the photograph Manisha said  
“He is the father of the only daughter of my mother  
“. How is Manisha related to that man?

- (1) Mother
- (2) Daughter
- (3) Aunt
- (4) Niece

D is son of C and brother of E and E is niece of F. C is sister of B and aunt of A. The father of B has two children, If A is son of F, then how F is related to C?

- (1) Cousin brother
- (2) Aunt (paternal)
- (3) Sister-in-law
- (4) Sister

Looking at a photograph a person said “I have no brother or sister but that man’s father is my father’s son”. At whose photograph was the person looking at ?

- (1) His son’s
- (2) His nephew
- (3) His father’s
- (4) His own

Raghu and babu are twins. Babu's sister is keema. Reema's husband is Rajan. Raghu's mother is Lakshmi. Lakshmi's husband is Rajesh. How is Rajesh related to Rajan?

- (1) Father-in-law
- (2) Cousin
- (3) Uncle
- (4) Son-in-law



Sheela is ravi's sister-in-law. Ram is ravi's brother. Ram's wife is Sheela. Deepa is ravi's sister. Deepa's mother is shanthi. How is Sheela related to shanthi?

- (1) Mother-in-law
- (2) Daughter-in-law
- (3) Granddaughter
- (4) Daughter

If '+' means 'minus', '-' means 'multiplication', '÷'  
Means 'plus', and 'x' means 'division',

$$15 - 3 + 10 \times 5 \div 5 = ?$$

(1) 52

(2) 48

(3) 22

(4) 5

If '-' stands for division, '÷' stands for multiplication, '+' stands for subtraction and 'x' for addition, then which of the following equation is correct?

(1)  $20 + 8 - 7 \div 6 \times 4 = 25$

(2)  $20 - 5 \div 4 + 6 \times 5 = 15$

(3)  $20 \times 5 - 6 \div 7 + 4 = 28$

(4)  $20 \div 4 - 8 \times 10 + 6 = 36$

If + stands for 'division', × stands for 'addition', - stands for 'multiplication' and ÷ stands for 'subtraction', then which of the following equations is correct?

(1)  $36 \times 6 + 7 \div 2 - 6 = 20$

(2)  $36 + 6 - 3 \times 5 \div 3 = 24$

(3)  $36 \div 6 + 3 \times 5 - 3 = 45$

(4)  $36 - 6 + 3 \times 5 \div 3 = 74$

In the following question you have to identify the correct response from the given premises stated according to following symbols.

If + means  $\div$ , - means  $\times$ ,  $\div$  means + and  $\times$  means -, then

$$63 \times 24 + 8 \div 4 + 2 - 3 = ?$$

(1) 54

(2) 66

(3) 186

(4) 48

The following equation becomes mathematically correct when you interchange either the sign or the numbers as indicated in the question. Find the correct alternative. Given equation:

$$(16 - 4) \times 6 \div 2 + 8 = 30$$

- (1) 4 and 2
- (2)  $\div$  and  $-$
- (3) 16 and 6
- (4)  $-$  and  $+$

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