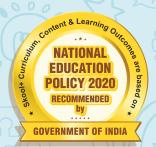


LOGICAL REASONING

SAMPLE BOOK



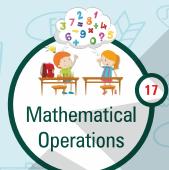


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GRADE-7











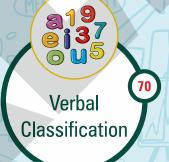


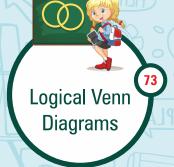
















Experiential Experimental Edutaining



I AM PROGRESSING

(Tick mark the columns after achieving the Learning Milestones)



| TOPIC | 1 st Learning | Exercise Solving | 1 st Revision | 2 nd Revision | ABI |
|-----------------------------------------------|--------------------------|-------------------------|--------------------------|--------------------------|-----|
| | | | | | 3/ |
| Coding Decoding | | | | | |
| Direction Sense Test | | | | | |
| Mathematical Operations | | | | | 5 |
| Verbal Series | | | | | |
| Alphabet Test & Alpha-Numeric Sequence Puzzle | | | | | |
| Number, Ranking & Time Sequence Test | | | | | |
| Inserting The Missing Character | | | | | |
| Blood Relations | | | | | |
| Verbal Analogy | | | | | |
| Verbal Classification | | | | | × × |
| Logical Venn Diagrams | | | | | |
| Seating Arrangement | | | | | |



LOGICAL REASONING

SAMPLE THEORY

CHAPTER

1

CODING DECODING

Coding is a way to encrypt a message in a secret form following a certain rule, whereas Decoding is a process to decrypt the coded message.

Example:





CODEEREHW ERA UOY?



DECODE
WHERE ARE YOU?

TYPES OF CODING DECODING

Type 1: Number/Symbol Coding

In this type of coding, either letters of the English alphabet or Numbers are assigned symbols or other letters or numbers to code them. Also, in this type of coding, we deal with two different problems, as shown below.

Direct Coding

In this case, either numbers/symbols are assigned to letters or letters/symbols are assigned to the numbers directly to form a code. We analyse the code as done in the following example.

Example: If AGREE is coded as !%@\$\$ and TEMPER is coded as /\$*#\$@, then what will be the code for PAMPER?

(1)%\$*!!@

(2) #!*#\$@

(3)/!*/\$@

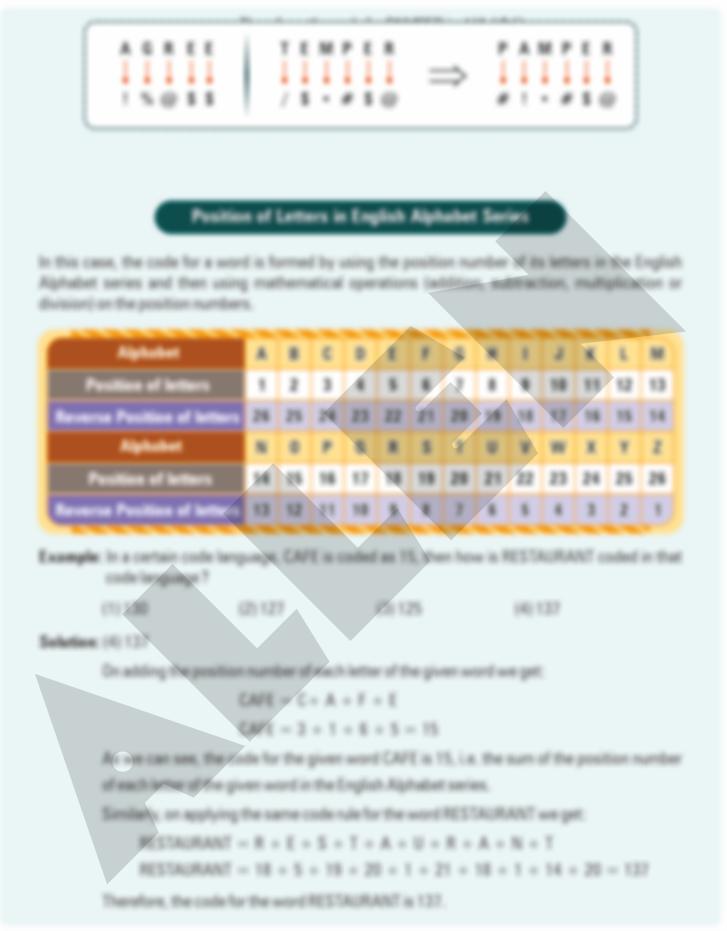
(4) #!*#\$#

Solution: (2) #!*#\$@

On noting down the respective codes for each letter of the given words, we get:











LOGICAL REASONING

SAMPLE EXERCISE



GRADE-7 Coding Decoding



Directions: Solve the following multiple choice questions by choosing the most appropriate option.
In a certain code language, WEST is coded as QYMN, then in the same code language, EAST will be coded as

| | (1) KGYZ | (2) YUMN | (3) ZVNO | (4) YVMO | | | |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|--------------------|--------------------------------------|--|--|--|
| 2. | If NEST is coded as PGUV, then in the same way, what should be the code for JUNGLE? | | | | | | |
| | (1) KVOHMF | (2) LUPGLG | (3) LTPFND | (4) LWPING | | | |
| 3. | If HUMAN is coded as KRPXQ, then PEOPLE will be coded as | | | | | | |
| | (1) SBRMOB | (2) SHRSOH | (3) SCRNOC | (4) MHLSMF | | | |
| 4. | In a certain code language, SPRING is written as UNTGPE. How is WINTER written in that code language? | | | | | | |
| | (1) XJOUFS | (2) YHTFRC | (3) YGPRGP | (4) UKLVCT | | | |
| 5 . | If DMHBHCDL is the code for MEDICINE, then find the code for PRECAUTIONS. | | | | | | |
| | (1) TOPJUVBDFSQ | (2) RMNHSTZBDQO | (3) SNOITPRECAU | (4) QSFDBVUJPMT | | | |
| 6. | If 'Red' is called 'Brown', 'Brown' is called 'Orange', 'Orange' is called 'Green' and 'Green' is called 'White', then which colour is present at the bottom of the Indian Flag ? | | | | | | |
| | (1) Orange | (2) Green | (3) White | (4) Brown | | | |
| 7. | If 'Kitten' is called 'Calf', 'Calf' is called 'Fawn', 'Fawn' is called 'Duckling' and 'Duckling' is called 'Foal', then baby Deer's are called as | | | | | | |
| | (1) Fawn | (2) Kitten | (3) Duckling | (4) Calf | | | |
| 8. | If 'Baseball' is called 'Golf', 'Golf' is called 'Hockey', 'Hockey' is called 'Wrestling' and 'Wrestling' is called 'Basketball', then belt and jacket style belongs to which sport? | | | | | | |
| | (1) Golf | (2) Wrestling | (3) Baseball | (4) Basketball | | | |
| 9. | | erbon Dioxide', 'Carbon Die ent in the maximum amour | | and 'Nitrogen' is called 'Hydrogen', | | | |
| | (1) Oxygen | (2) Hydrogen | (3) Carbon Dioxide | (4) Nitrogen | | | |
| 10. | If EUROPE is coded as UERPOE, then MUMBAI will be coded as | | | | | | |
| | (1) UMMBAI | (2) MUMIAB | (3) UMMABI | (4) IABMUM | | | |
| | | | | | | | |

