

D.K.M. COLLEGE FOR WOMEN (AUTONOMOUS)
APTITUDE TEST

SYMBOLS AND NOTATIONS – TEST48

1. If ‘-‘ stands for ‘x’, ‘x’ stands for ‘+’, ‘+’ stands for ‘÷’ and ‘÷’ stands for ‘-‘, then what is the value of $9 \div 18 \times 15 + 3 - 6 \times 12$?

| | |
|-------|-------|
| a) 24 | b) 30 |
| c) 33 | d) 42 |
2. If $a \$ b = a^2 b^2 - ab$, then $3 \$ 8 =$

| | |
|--------|--------|
| a) 600 | b) 552 |
| c) 576 | d) 625 |
3. If $p \emptyset q = p^2 + q^2 - p - q$ and $p ? q = pq - p - q$, then $(6 \emptyset 5) ? 5 =$

| | |
|--------|--------|
| a) 200 | b) 175 |
| c) 195 | d) 179 |
4. If $4 \odot 5 = 189$ and $10 \odot 8 = 1512$, then $6 \odot 9 =$

| | |
|--------|---------|
| a) 945 | b) 1148 |
| c) 983 | d) 764 |
5. If ‘?’ means ‘is less than’, ‘\$’ means ‘is greater than’ and ‘£’ means ‘is equal to’ and given that $a ? b, c \text{ £ } d$ and $c \$ b$, then which of the following is true ?

| | |
|---------------------|----------------|
| a) $d ? a$ | b) $b \$ d$ |
| c) $a \text{ £ } c$ | d) $a ? b ? c$ |
6. If ‘x’ means ‘added to’, ‘÷’ means ‘multiplied by’, ‘+’ means ‘subtracted from’ and ‘-‘ means ‘divided by’, then simplify $24 + 36 - 12 \times 8 \div 4 = ?$

| | |
|-------|-------|
| a) 36 | b) 53 |
| c) 5 | d) 20 |
7. If A means ‘-‘, B means ‘÷’, C means ‘+’, and D means ‘x’, then $15 B 3 C 2 4 A 1 2 D 2 = ?$

| | |
|--------------|----------|
| a) 2 | b) $5/9$ |
| c) $-23^4/9$ | d) 5 |
8. If ‘W’ means ‘÷’, X means ‘+’, Y means ‘-‘ and Z means ‘x’ then $28 Z 3 Y 4 \times 1 2 W 6 = ?$

| | |
|-------|-------|
| a) 27 | b) 82 |
| c) 39 | d) 53 |
9. If ‘+’ means ‘÷’, ‘÷’ means ‘x’, ‘x’ means ‘-‘ and ‘-‘ means ‘+’, then $10 + 2 \div 5 - 3 \div 4 + 2 - 1 = ?$

| | |
|-------|--------|
| a) 32 | b) 50 |
| c) 45 | d) 120 |
10. If $5 @ 6 = 61$ and $8 @ 10 = 164$, then $7 @ 9 = ?$

| | |
|--------|-------|
| a) 125 | b) 63 |
| c) 130 | d) 32 |
11. If * stands for ‘addition’, / stands for ‘subtraction’, + stands for ‘multiplication’, and - stands for ‘division’, then $20 * 8 / 8 - 4 + 2 = ?$

| | |
|-------|-------|
| a) 80 | b) 25 |
| c) 24 | d) 5 |
12. If - means *, * means +, + means / and / means -, then $40 * 12 + 3 - 6 / 60 = ?$

| | |
|------------------|-----------|
| a) 7.95 | b) 16 |
| c) None of these | d) 479.95 |
13. If + means *, / means -, * means / and - means +, what will be the value of $4 + 11 / 5 - 55 = ?$

| | |
|------------------|--------|
| a) -48.5 | b) -11 |
| c) None of these | d) 91 |
14. In a certain code language, ‘+’ means ‘*’, ‘*’ means ‘-‘, ‘-‘ means ‘/’ and ‘/’ means ‘+’. $9 + 4 - 6 * 6 / 8$

| | |
|--------|------|
| a) 8.5 | b) 8 |
|--------|------|

D.K.M. COLLEGE FOR WOMEN (AUTONOMOUS)
APTITUDE TEST

25. If the letters in the word "EQITY" are arranged in reverse alphabetical order, then how many letters remain in same place?

- | | |
|------|------|
| a) 0 | b) 1 |
| c) 2 | d) 3 |