Reasoning

1. A dog is taken out every evening by the owner whose house faces East. They walk 200m West, then 500m South. Which direction should they take to reach home?
   A. North- east   B. North   C. North- west   D. South- east   E. none

2. S jogs 50m North, turns right & jogs 60m, turns right again & jogs 40m & then again turns right & jogs 60m. How far is he from his starting point?
   A. 20 m   B. 10 m   C. 100 m   D. 0 m   E. None

3. The time by Saurabh's watch is half past three. If the hour hand points towards East, to which direction would minute hand point?
   A. North   B. East   C. South east   D. West   E. None

4. S & B starts from home in south direction and walk 45m each. S then turns left and walks 20m while B turns right and walks 70 m. How far are they from each other?
   A. 40 m   B. 80 m   C. 65 m   D. 90 m   E. None

5. S walks 18 m towards North. Turning left he walks 13 m more. Then again he turns left & walks 18 m and then after turning right he walks 13 m. How far is he from his starting point?
   A. 18 m   B. 30 m   C. 26 m   D. 43 m   E. 58 m

6. In a certain code ARCHIVE is written as DSBGFWJ. How is SYSTEMS written in that code?
   A. TZTSTNF   B. TZTUTNF   C. TZTSFNT   D. RXRSTNF   E. None

7. If 'R' denotes 'divided by'; 'T' denotes 'added to' ; 'W' denotes 'subtracted from' and 'B' denotes 'multiplied by' then :
   15 W 12 T 8 R 2 B 6 = ?
   A. 11/12   B. 3 2/3   C. 27   D. 3   E. None

Q8 -12. A, B, C, D, E,F ,G, H, K are sitting around a circle facing the centre. B is 4th to the left of G who is second to the right of C. F is 4th to the right of C and is second to the left of K. A is 4th to the right of K. D is not an immediate neighbor of either K or B. H is 3rd to the right of E.

8. Who is 2nd to the right of K?
   A. C   B. H   C. F   D. E   E. Data inadequate

9. Who is 3rd to the right of H?
   A. D   B. A   C. G   D. F   E. None

10. Who is 4th to the left of E?
    A. A   B. C   C. G   D. Data inadequate   E. None

11. Who is 4th to the right of D?
    A. K   B. H   C. E   D. B   E. None

12. In which of the following combinations is the 3rd person sitting in between the 1st and 2nd persons?
    A. EKB   B. CHB   C. AGC   D. FGD   E. None.

13. (14, 84) (10, 40) (12, 60) (16, ___)
    A. 80   B. 112   C. 64   D. 48   E. None

14. 2, 10, 60, 420, 3360, _____
    A. 30240   B. 27840   C. 25140   D. 22240   E. None

15. 4, 1, -8, ____, -20, 29, -32, 43
    A. 17   B. 16   C. 15   D. 18   E. None

16. __ s r __ t r __ s r s __ r __ s r s t __
    A. ttssrr   B. tsrtsr   C. strtrs   D. tstttr   E. None

17. a a __ b b __ a a __ a b b b b ___ a
    A. aabb   B. baba   C. abab   D. bbaa   E. None

18. In the series AHQ, DJR, GLS, JNT, ____ the next term is :
    A. LPU   B. MQU   C. MPU   D. MPV   E. None

19. ACE, GIK, ____, SUW, YAC
    A. MOQ   B. MNP   C. MOP   D. MPQ   E. None

20. Which group of letters should come in the blank in the following series of letter groups?
    EXTRAVAGANZA, TRAVAGANZA, TRAVAGANZ, AVAGANZ, _____
    A. VAGANZ   B. VAGAN   C. AVAGA   D. AVAGAN   E. None

Answers:

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