S1. Ans.(b)
Sol.

S2. Ans.(d)
Sol.

$9\frac{1}{11} = \frac{100}{11}$, $7\frac{9}{13} = \frac{100}{13}$, $5\frac{15}{17} = \frac{100}{17}$
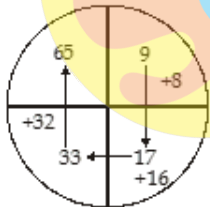
$5\frac{6}{19} = \frac{101}{19}$ odd one

S3. Ans.(c)
Sol.

The pattern is × 2 + 1, × 2 − 1, × 2 + 1, × 2 − 1, ...

so, missing term = 67 × 2 − 1 = 133

S4. Ans.(d)
Sol.

S5. Ans.(d)
Sol.

Digit, Number	Keyboard
1 – 99	9
10 – 99 (90 number)	90 × 2 = 180
100 – 500 (401 number)	401 × 3 = 1203

Total = 1203 + 180 + 9 = 1392 time, he will press the buttons of key board.

S6. Ans.(b)
Sol.
Meaningful order

1. Birth
    ↓
4. Infancy
    ↓
3. Childhood
    ↓
5. Adolescence
    ↓
6. Adulthood
    ↓
7. Old age
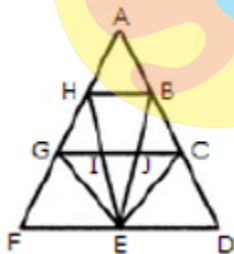   ↓
2. Death

S7. Ans.(b)

Sol. 2 represent the boys who are athletes and disciplined.

S8. Ans.(b)

Sol. Clock makes two right angle in an hour but it makes one right angle between 3 to 4 and 9 to 10, So in 24 hours, clock will make 44 times right angle.

S9. Ans.(b)

Sol. The figure may be labeled as shown.

The simplest triangles are AHB, GHI, BJC, GFE, GIE, IJE, CEJ and CDE i.e. 8 in number.

The triangles composed of two components each are HEG, BEC, HBE, JGE and ICE i.e. 5 in number.

The triangles composed of three components each are FHE, GCE and BED i.e. 3 in number.

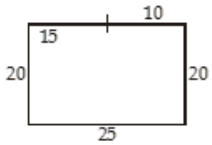There is only one triangle i.e. AGC composed of four components.

There is only one triangle i.e. AFD composed of nine components.

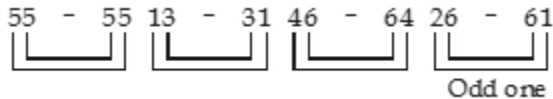Thus, there are 8 + 5 + 3 + 1 + 1 = 18 triangles in the given figure.

S10. Ans.(b)
Sol.

10 km

S11. Ans.(d)
Sol. Antonym of Giant – dwarf
Antonym of Genius – Idiot

S12. Ans.(b)
Sol.

Odd one

S13. Ans.(a)
Sol. S 14 M, Clearly, the first letters of the terms ae alternate.
The last letter of each term is three steps ahead of the last letter of the preceding term.
Thus, the next term would be S 14 M. Hence, the answer is (a).

S14. Ans.(c)
Sol. Column wise
I. $2 \times 7 \times 9 = 126$ II. $7 \times 3 \times 8 = 168$
III. $9 \times 4 \times ? = 216$
$\therefore ? = \frac{216}{9 \times 4} = 6$

S15. Ans.(a)
Sol. Using proper symbols, we get the new sequence as
$94 + 27 - 44 - 56 + 20$
$= 121 + 20 - 44 - 56 = 141 - 44 - 56$
$= 141 - 100 = 41$

S16. Ans.(d)
Sol.
Order of words as per Dictionary:
3. Frankalmoign
   ↓
1. Frankenstein
   ↓
2. Frankincense
   ↓
4. Frauendienst

S17. Ans.(b)
Sol. Number 5 represents all.

S18. Ans.(c)
Sol.
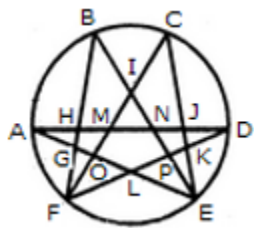25th Oct. → Thursday
26th Oct. → Friday
27th Oct. → Saturday
28th Oct. → Sunday
29th Oct. → Monday

S19. Ans.(d)
Sol. The figure may be labeled as shown.

The simplest triangles are AGH, GFO, LFO, DJK, EKP, PEL and IMN i.e. 7 in number.
The triangles having two components each are GFL, KEL, AMO, NDP, BHN, CMJ, NEJ and HFM i.e. 8 in number.
The triangles having three components each are IOE, IFP, BIF and CEI i.e. 4 in number.
The triangles having four components each are ANE and DMF i.e. 2 in number.
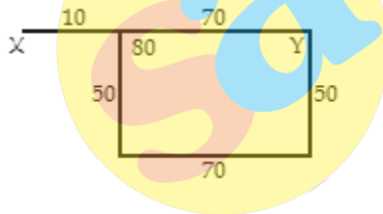The triangles having five components each are FCK, BGE and ADL i.e. 3 in number.
The triangles having six components each are BPF, COE, DHF and AJE i.e. 4 in number.
Total number of triangles in the figure = 7 + 8 + 4 + 2 + 3 + 4 = 28.

S20. Ans.(a)
Sol.

S21. Ans.(c)
Sol. Study of tissue is called Histology.

S22. Ans.(b)
Sol. Mathematics

S23. Ans.(c)
Sol.

B   F   K→K   O   T→   U   Y   D→F   J   O
  +4   +5   +4   +5   +4   +5   +4   +5

S24. Ans.(c)
Sol.
$2 \times 1 + 1 = 3$
$3 \times 2 + 2 = 8$
$8 \times 3 + 3 = 27$

S25. Ans.(a)
Sol. Man is brother-in-law to the woman.

S26. Ans.(c)
Sol. R

S27. Ans.(d)
Sol. PEACE

S28. Ans.(c)
Sol.
(+5 series)
SCHOOL → X H M T T Q

S29. Ans.(b)
Sol.
(24+36)/3=20,
(55+x)/3=40 , x=65

S30. Ans.(c)