

CS6102 – Computational Thinking

Week 4 (Dec 7, 2022)

Logical Reasoning

Solve the Following

1. Look at this series: 58, 52, 46, 40, 34, . . . What number should come next?
a. 26 b. 28 c. 30 d. 32

2. Look at this series: 1.5, 2.3, 3.1, 3.9, . . . What number should come next?
a. 4.2 b. 4.4 c. 4.7 d. 5.1

3. 28 25 5 21 18 5 14
a. 11 5 b. 10 7 c. 11 8 d. 5 10 e. 10 5

4. 13 29 15 26 17 23 19
a. 21 23 b. 20 21 c. 20 17 d. 25 27 e. 22 20

5. Look at this series: 664, 332, 340, 170, __, 89,... What number should fill the blank?
a. 85 b. 97 c. 109 d. 178

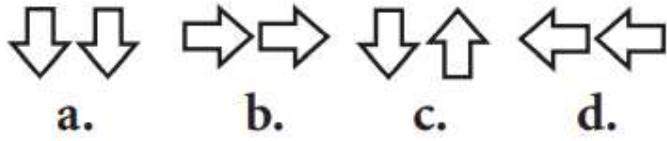
6. Look at this series: U32, V29, __, X23, Y20, . . . What number should fill the blank?
A . W26 b. W17 c. Z17 d. Z26

7. DEF DEF2 DE2F2 _____ D2E2F3
a. DEF3 b. D3EF3 c. D2E3F d. D2E2F2

8. ZA5 Y4B XC6 W3D _____
a. E7V
b. V2E
c. VE5
d. VE7

9.





10.

E M E | m m m | E W E | W _ W



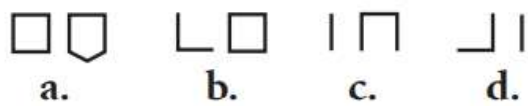
11.



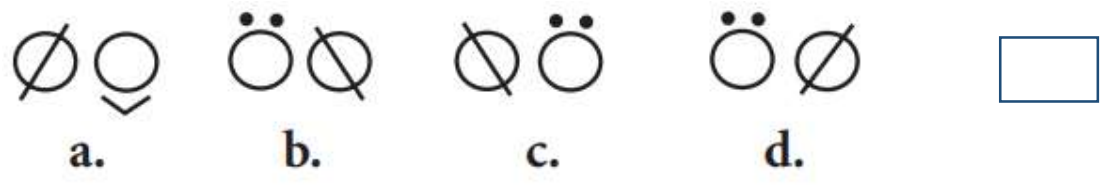


12.

| Γ Π | □ ◻ □ | W _



13.



14.



15.



16.



BB BB
a.

BB BB
b.

BB BB
c.

BB BB
d.

17.



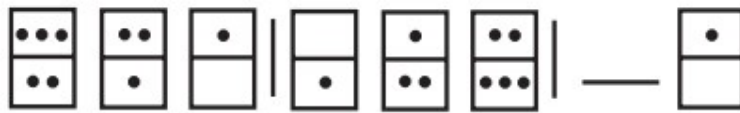
a.

b.

c.

d.

18.



a.

b.

c.

d.

19. Which word does NOT belong with the others?

a. unimportant

b. trivial

c. insignificant

d. familiar

20. P5QR P4QS P3QT _____ PQV

a. PQW

b. PQV2

c. P2QU

d. PQ3U