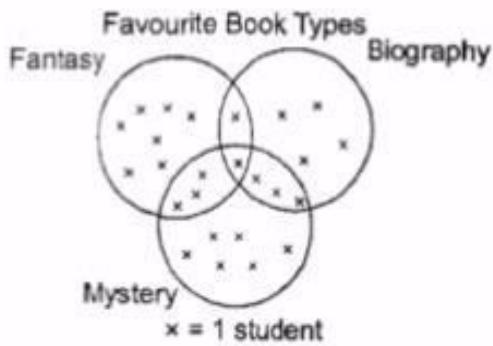




RAMAGYA SCHOOL, NOIDA
V/CYBER/2017-18
OLYMPIAD PRACTICE WORKSHEET

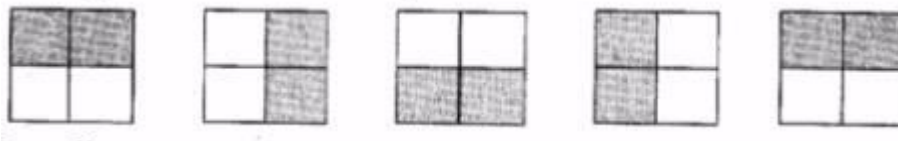
LOGICAL REASONING

Q1 According to this diagram, how many students have more than one favourite type of book?



- A. 3
- B. 5
- C. 7
- D. 8

Q2. Raymond drew the pattern below



What figure should Raymond draw next to continue the pattern?

- A.
- B.
- C.
- D.

Q3. Vandita, Usha, Sita and Aditya are playing cards. Vandita and Usha are partners. if Usha is facing east, and Sita is sitting on left hand side of Usha. Aditya is facing which direction ?

- A. North C. South
B. East D. West

Q4. What is the next term in this series _____?

$$\frac{1}{4}, \frac{1}{7}, \frac{1}{11}, \frac{1}{16}, \frac{1}{22}, \frac{1}{29}, \dots$$

- A. $\frac{1}{38}$ B. $\frac{1}{37}$ C. $\frac{1}{39}$ D. $\frac{1}{35}$

COMPUTER SCIENCE

Q 1. _____ is a simulation of movement created by displaying a series of pictures.

- A. Movie C. Sound
B. Picture D. Animation

Q 2. A dot-matrix printer is an example of what type of printer?

- A. Inkjet Printer B. Impact Printer
C. Laser Printer D. 3D Printer

Q3. MPG is a file extension of which type of files?

- A. Audio B. Image
C. Video D. Flash

Q4. What is the default buffering time for Windows Media Player?

- A. 10 sec C. 4 sec
B. 2 sec D. 5 sec

Q5. What is the name of first super computer of India?

- A. Saga 220 C. PARAM 8000
B. ENIAC D. PARAM 6000

Q6 Second generation of computers consist of which of following?

- A. Vacuum Tubes
- B. VLSI Microprocessor
- C. Diodes
- D. Transistors

Q7. Another name for computer programs and information.?

- A. Output
- B. Software
- C. Process
- D. CPU

Q8. An Assembler is used to translate a program written in ?

- A. Low-Level Language
- B. Assembly Language
- C. Machine Language
- D. High-Level language

Q9. Computer Virus is a _____

- A. A computer virus is a computer program that can copy itself and infect a computer
- B. Hardware
- C. It is a program that is necessary to run a computer
- D. It is word processing software

Q10. The word computer is derived from the word?

- A. Calculate
- B. Process
- C. Charles
- D. Computare

Q11. Where is cache memory is located ?

- A. CPU
- B. Monitor
- C. Scanner
- D. One file server

Q12. From which year 1st generation of computers is considered ?

- A. 1980
- B. 1940
- C. 1970
- D. 2000

Q13. Who is known as father of Artificial Intelligence ?

- A. John McCarthy
- B. Vint Cerf
- C. Vint Cerf
- D. James Gosling

Q14. Binary number system consists of ?

- A. 0's and 1's only
- B. Depends computer to computer
- C. All alphanumeric characters
- D. None of above

Q15. What is used to make computer chips ?

- A. Copper
- B. Iron
- C. Steel
- D. Silicon

Q16. 1 Mega Byte is equal to

- A. 1024 Bytes
- B. 1024 Giga Bits
- C. 1024 Kilo Bytes
- D. 1024 Bits