RAMAGYA SCHOOL, NOIDA
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OLYMPIAD PRACTICE WORKSHEET

MENTAL ABILITY

1. Look at this series: 0,1,1,2,3,5,8,13 ... What number should come next?

A. 22

B. 21

C. 20

D. 14

2. A is 3 years older to B and 3 years younger to C, while B and D are twins.
How many years older is C to D?

A. 2

B. 3

C. 6

D. 12

3. The 30 members of a club decided to play a badminton singles tournament. Every time a member loses a game he is out of the tournament. There are no ties. What is the minimum number of matches that must be played to determine the winner ?

A. 15

B. 29

C. 61

D. None of these

4. At a dinner party every two guests used a bowl of rice between them, every three guests used a bowl of dal between them and every four used a bowl of meat between them. There were altogether 65 dishes. How many guests were present at the party ?

A. 60

B. 65

C. 90

D. None of these

5. Arrange the words given below in a meaningful sequence.

1. Poverty   2. Population   3. Death

4. Unemployment 5. Disease

A. 2, 3, 4, 5, 1

B. 3, 4, 2, 5, 1

C. 2, 4, 1, 5, 3

D. 1, 2, 3, 4, 5

COMPUTERS AND INFORMATION TECHNOLOGY

1. Types of software programs usually includes

a. application programs

b. replicate programs

c. mathematical operations

d. both a and b

2. Set of programs with full set of documentation is considered as

a. database packages

b. file package

c. software

d. software packages

3. Programs used to control system performance are classified as

a. experimental programs

b. system programs

c. specialized program

d. organized programs

4. System programs examples includes

a. operating system of computer

b. trace program

c. compiler

d. all of above

5. Program which is used to produce pictures and text and to organize it in newspaper is classified as

a. text publishing package

b. desktop publishing package

c. experimental package

d. organizing publishing package

6. Application program example includes

a. payroll program

b. desktop program

c. publishing program

d. editing program

7. Load address for the first word of the program is called

a. Linker address origin

b. Load address origin

c. Phase library

d. Absolute library

8. Shell is the exclusive feature of

a. UNIX

b. DOS

c. System software

d. Application software

9. Translator for low level programming language were termed as

a. Assembler

b. Compiler

c. Linker

d. Loader

10. Shell is the exclusive feature of

a. UNIX

b. DOS

c. System software

d. Application software

11. A program in execution is called
a. Process   b. Instruction
c. Procedure   d. Function

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13. In Antivirus which term is use to delete affected file:
a. Fix   b. Quarantine
c. Delete   d. None of these

14. A compiler for a high level language that runs on one machine and produce code for different machine is called
a. Optimizing Compiler   b. one Pass Compiler
c. Cross Compiler   d. Multipass Compiler

15. An optimized Compiler
a. is optimized to occupy less space   b. is optimized to occupy Max space
c. is optimized to occupy less Memory   d. is optimized to occupy Max memory