

GAIL Sample Paper

Aptitude Questions:

(1) $3.5 \times 2.4 \times ? = 42$

- (a) 1.5
- (b) 0.2
- (c) 0.8
- (d) 1.2
- (e) None of these

(2) $804357 = ?$

- (a) 98
- (b) 89
- (c) 96
- (d) 93
- (e) None of these

(3) $3 ? \div 16 \times 24 = 186$

- (a) 98
- (b) 89
- (c) 96
- (d) 93
- (e) None of these

(4) $(?)^2 \div (0.04)^2 \times 5.6 = 117740$

- (a) 33.64
- (b) 6.2
- (c) 38.44
- (d) 5.4
- (e) None of these

(5) $9418 + ? + 1436 + 2156 = 5658$

- (a) 7523
- (b) 7352
- (c) 7232
- (d) 7325
- (e) None of these

(6) $9865 + ? + 3174 + 2257 = 19425$

- (a) 4047
- (b) 4136
- (c) 4129
- (d) 4092
- (e) None of these

(7) Each memory cell has a unique number assigned to it which is called as the □□.. of the cell

- (a) Address
- (b) Register
- (c) Number
- (d) path

(e) None of these

(8) RAM is also called as

- (a) Read/Write Memory
- (b) Long Memory
- (c) permanent Memory
- (d) Secondary Memory
- (e) None of these

(9) A .. stores data or information temporarily and passes it on as directed by the control unit.

- (a) Address
- (b) Register
- (c) Number
- (d) Memory
- (e) None of these

(10) Which of the following is NOT one of the four major data processing functions of a computer?

- (a) gathering data
- (b) Processing data into information
- (c) analyzing the data or information
- (d) storing the data or information
- (e) None of these

(11) All of the following are examples of storage devices EXCEPT:

- (a) hard disk drives
- (b) printers
- (c) floppy disk drives
- (d) CD drives
- (e) Pen drives

(12) The CPU and memory are located on the:

- (a) expansion board
- (b) motherboard
- (c) storage device
- (d) output device
- (e) display board

(13) A computer program that converts an entire program into machine language at one time is called a/an

- (a) interpreter
- (b) simulator
- (c) character
- (d) number
- (e) None of these

(14) Computers process data into information by working exclusively with:

- (a) multimedia
- (b) words
- (c) characters
- (d) number
- (e) None of these

(15) Computers manipulate data in many ways, and this manipulation is called □□□□.

- (a) upgrading
- (b) processing
- (c) batching
- (d) utilizing
- (e) None of these

Mechanical Technical Questions:

- (1) What is fatigue or stress concentration factor
- (2) What is the strength of riveted joint
- (3) What kind of thread is used if power is to be transmitted in 1 direction only
- (4) Overhauling case will have friction angle greater, equal or less than helix angle
- (5) what combination of material is used in bearing manufacture
- (6) Magnesium is added for which purpose
- (7) For achieving hardness which process should be carried (Annealing, normalising, martempering etc)
- (8) Which welding is done for joining shank of a drill bit (Flash butt welding)
- (9) What to be use for measuring angle and for locating the w/p at some angle
- (10) How many nomenclatures are there to completely define a single point cutting tool