PGT Computer Science

Q 1). Who among the following has become the world's youngest and fastest female para swimmer to swim solo across the English Channel Successfully recently?

(A) Shivani Kataria

(B) Dolly Nazir

(C) Devanshi Satija

(D) Jiya Rai

Correct Answer: (D)

Q 2). Recently, an Indian-origin lecturer named Prasanthi Ram at Nanyang Technological University has won Singapore Literature Prize for English fiction for her short story named _____.

(A) Nine Yard Sarees

(B) House of Cards

(C) Dollar Bahu

(D) The Very Expensive Coconut

Correct Answer: (A)

Q 3). Recently, WHO has declared Dhulikhel Municipality as the second healthiest city in Asia. This Dhulikhel Municipality is in which of the following countries?

(A) India

(B) Bhutan

(C) Nepal

(D) Myanmar

Correct Answer: (C)

Q 4). If a teacher first explains the rule and then gives examples. Which type learning style is this?

(A) Inductive

(B) Deductive

(C) Indo-Deductive

(D) Illustration

Correct Answer: (B)

Q 5). In which stage, children are able to think about things in terms of consistent physical features?

(A) Sensory Motor

(B) Concrete Operational

(C) Pre-Operational

(D) Formal Operational

Correct Answer: (C)

Q 6). Which of the following is not the main feature of RTE Act?

(A) Free Elementary Education for all children in age group 6-14 years in a neighbourhood school.

(B) Completion of Elementary Education even after fourteen years of age.

(C) Private Tuitions by teachers is not prohibited.

(D) No child is denied admission due to lack of age certificate.

Correct Answer: (C)

Q 7). File management system manages _____ memory.

(A) Primary

(B) Secondary

(C) Registers

(D) Cache

Correct Answer: (B)

Q 8). A standard code _____ is developed to represent all characters of every written languages of the world.

(A) ISCII

(B) ASCII

(C) UTP

(D) UNICODE

Correct Answer: (D)

Q 9). A _____ is an unmanned aircraft which can be remotely controlled or can fly autonomously through software-controlled flight plans in their embedded systems.

(A) LMV

(B) DRONE

(C) MEA

(D) LGM

Correct Answer: (B)

Q 10). _____ translates programs into machine code one line at a time.

(A) Compiler

(B) Interpreter

(C) Assembler

(D) Register

Correct Answer: (B)

Q 11). What will be output of the following Python code, if value input by the user is 20?

A=10

B=input("Enter any number")

S=A+B

print("The sum is ",S)

(A) "The sum is ",30

(B) The sum is 30

(C) The sum is, 30

(D) Error

Correct Answer: (D)

Q 12). Which of the following address is generated by CPU?

(A) Logical address

(B) Physical address

(C) Actual address

(D) Simple address

Correct Answer: (A)

Q 13). Which of the following is a linear data structure?

(A) Array

(B) AVL Trees

(C) Binary Trees

(D) Graphs

Correct Answer: (A)

Q 14). In visual basic the declaration of variables is done by _____ keyword.

(A) Int

(B) Dim

(C) Static

(D) Declare

Correct Answer: (B)

Q 15). Suppose that L is a list.

L= ["These", ["are","a"], ["few","words"], "that", "we", "will", "use"]

What will the following expressions evaluate to?

>>> "few" in L[2:3]

(A) True

(B) False

(C) No

(D) 0

Correct Answer: (B)

Q 16). In _____ gate if any of the input signal is 0 (Low), the output signal is 0 (Low).

(A) AND

(B) NOT

(C) OR

(D) QUAD

Correct Answer: (A)

Q 17). To display all details from employee table in which deptno is equal to null what query should be written?

(A) select * from employee where deptno is NULL;

(B) select * from employee where deptno having NULL;

(C) select * from employee where deptno =' ';

(D) None of these

Correct Answer: (A)

Q 18). H.323 is _____ protocol.

(A) video-conferencing

(B) web browsing

(C) file transfer

(D) mail transfer

Correct Answer: (A)

Q 19). Which of the following statement opens a binary file record.bin in write mode and writes data from a list lst1 = [1,2,3,4] on the binary file?

(A) with open('record.bin','wb') as myfile:

    pickle.dump(lst1,myfile)

(B) with open('record.bin','wb') as myfile:

    pickle.dump(myfile,lst1)

(C) with open('record.bin','wb+') as myfile:

    pickle.dump(myfile,lst1)

(D) with open('record.bin','ab') as myfile:

    pickle.dump(myfile,lst1)

Correct Answer: (A)

Q 20). To run the old system and the new system at the same time for a specified period the system implementation approach used is _____.

(A) pilot

(B) parallel

(C) phased

(D) direct

Correct Answer: (B)

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