

### **PGT Informatics Practices**

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). Which of the following is an input device?

- (A) Monitor
- (B) Barcode reader
- (C) Printer
- (D) Speaker

Correct Answer: (B)

Q 8). DNS in Network/Internet technology stands for which of the following?

- (A) Dynamic Network System
- (B) Domain Name System
- (C) Domain Network Service
- (D) Distributed Network Service

Correct Answer: (B)

Q 9). The binary digits 0 and 1, which are the basic units of memory, are called \_\_\_\_.

- (A) Bytes
- (B) Megabytes
- (C) Bits
- (D) Nibbles

Correct Answer: (C)

Q 10). Which one of the following translators is used to convert codes of assembly language into machine language?

- (A) Linker
- (B) Compiler
- (C) Assembler
- (D) Debugger

Correct Answer: (C)

Q 11). Which technology works on the concept of decentralized and shared database where each computer has a copy of the database?

- (A) Virtual Reality (VR)
- (B) Cloud Computing
- (C) Artificial Intelligence (AI)
- (D) Blockchain

Correct Answer: (D)

Q 12). Identify the correct statement about HTML and XML.

- (A) XML tags are predefined while HTML tags are not.
- (B) XML is a case sensitive while HTML (except value part) is not.
- (C) HTML and XML both focuses on the appearance of the web page.
- (D) HTML allows you to create custom tags to present your document in a structured format.

Correct Answer: (B)

Q 13). Which of the following data types in Python is considered as immutable?

- (A) Dictionary
- (B) Set
- (C) Tuple
- (D) List

Correct Answer: (C)

Q 14). In which of the following network topologies, there are bidirectional links between each pair of nodes?

- (A) Star
- (B) Ring
- (C) Mesh
- (D) Tree

Correct Answer: (C)

Q 15). What does the SQL statement SELECT primarily do in a database?

- (A) Update data in the tables.
- (B) Delete data from the tables.
- (C) Retrieve data from the tables and display it in tabular form.
- (D) Create new tables in the database.

Correct Answer: (C)

Q 16). Which one of the following cloud concepts is related to sharing and pooling the resources?

- (A) Resource Polymorphism
- (B) Virtualization
- (C) Abstraction
- (D) Infrastructure Encapsulation

Correct Answer: (B)

Q 17). Which marker is used to show a downward-pointing triangle (tri\_down) in Python?

- (A) "o"
- (B) "x"
- (C) "v"
- (D) "tri\_down"

Correct Answer: (C)

Q 18). Which of the following provides the transmission medium for data communication?

- I. Twisted pair cables
- II. Repeaters
- III. Microwaves and Satellite links
- IV. Fiber optic cables
- V. Gateway

- (A) I, V
- (B) I, II
- (C) I, II, V
- (D) I, III, IV

Correct Answer: (D)

Q 19). Consider the following code:

```
<html tag style="cssproperty1:value; cssproperty2:value;"></htmltag>
```

In the context of style sheets, the code belongs to \_\_\_\_\_.

- (A) Embedded Style Sheet
- (B) Inline Style Sheet
- (C) External Style Sheet
- (D) All of these

Correct Answer: (B)

Q 20). Heli found a crumpled paper under her desk. She picked it up and opened it. It contained some text which was struck off thrice. But she could still figure out easily that the struck-off text was the email ID and password of Alok, her classmate. What is ethically correct for Heli to do?

- (A) Inform Alok so that he may change his password
- (B) Give the password of Alok's email ID to all other classmates.
- (C) Use Alok's password to access his account.
- (D) Post it online.

Correct Answer: (A)

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